



TARGETED BROWNFIELDS ASSESSMENT

**Phase II Environmental Site Assessment
New Life Center
411 East Landry Street
Opelousas, Louisiana 70570**

**LDEQ Agency Interest No. 153702
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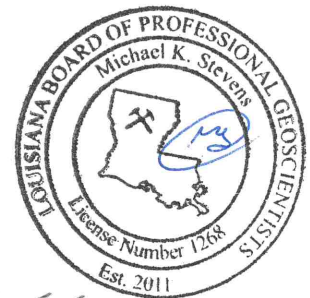
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EXECUTIVE SUMMARY

Leaaf Environmental, LLC (Leaaf) has completed a Phase II Environmental Site Assessment (ESA) at the New Life Center located at 411 East Landry Street in Opelousas, Louisiana (Target Property). This Phase II ESA was funded by the Louisiana Department of Environmental Quality (LDEQ) Targeted Brownfields Assessment (TBA) program. The Phase II ESA was conducted on the approximately one-acre property and includes one building originally constructed as a hotel, restaurant, and lounge in the 1950s. It was used as a women's shelter in the early 1990s and donated to the City of Opelousas in 2019. The building is currently vacant.

A Phase I ESA was conducted by Weston Solutions, Inc. in October of 2019. The Phase I ESA identified Recognized Environmental Conditions (RECs) in connection with three sites (printing and auto repair/body shop sites) located less than 500 feet from the property due to the use of chlorinated solvents associated with these sites. The Phase I ESA noted that the 1907 Sanborn map identified undertaker operations on the property and extensive amounts of mold were visually observed throughout the building. The Phase I ESA further concluded that, based on the age of the site building, asbestos-containing materials (ACM), lead-based paint (LBP), and/or polychlorinated biphenyls (PCBs) in pool caulk may be present.

Leaaf was retained to collect and analyze soil and groundwater samples to determine whether constituents of concern (COCs) associated with historic use of surrounding properties have impacted the Target Property, and to determine the presence and quantity of ACM, LBP, mold, and PCBs in caulk associated with improvements on the Target Property.

Three soil borings were advanced to 16 feet below ground surface (bgs) along the western and southwestern portion of the property. Soil samples from each boring were collected according to the LDEQ Risk Evaluation/Corrective Action Program (RECAP) requirements. Temporary monitoring wells were installed in each boring and sampled for groundwater. All soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), volatile petroleum hydrocarbons (VPH), and extractable petroleum hydrocarbons (EPH). Leaaf conducted ACM, LBP, and mold inspections and sampling at the on-site building. No pool caulk was found to remain on-site.

The results of the soil and groundwater sampling indicate that soils and groundwater on the site do not contain concentrations of COCs in excess of the LDEQ RECAP screening standards. Therefore, the soil and groundwater evaluated at the Target Property do not pose a risk to human health or the environment.

The asbestos and LBP inspections identified ACM within the building and LBP on the exterior of the building. The ACM identified during the survey is in fair to poor condition and should be abated by a licensed abatement contractor prior to renovation. LBP identified on the exterior of the building should be handled in compliance with all applicable laws and regulations governing the disturbance of lead-based or lead containing materials during future redevelopment activities at the site. Mold is present throughout the interior of the building. Remedial actions are recommended; best-management practices should be employed to limit exposure to mold during demolition or renovation activities, and conditions conducive to mold growth should be addressed prior to building reuse. Pool caulk was not identified; therefore, no samples were submitted for PCB analysis.

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The Phase II Environmental Site Assessment (ESA) reported herein was funded provided by the LDEQ Targeted Brownfields Assessment (TBA) program. The contents of this document do not necessarily reflect the views and policies of the LDEQ, nor does LDEQ endorse trade names or recommend the use of commercial products mentioned in this document.

1.0 INTRODUCTION

1.1 Purpose

Leaaf Environmental, LLC (Leaaf) was contracted by the Louisiana Department of Environmental Quality (LDEQ) to perform a Phase II Environmental Site Assessment (ESA) at the New Life Center located at 411 East Landry St. in Opelousas, Louisiana (Target Property; Figure A-1, Appendix A). The LDEQ has requested the Phase II ESA to evaluate the possible impact to site soils and groundwater of the historic operations conducted on adjoining properties; and to determine and quantify the presence of asbestos containing materials (ACM), lead-based paint (LBP), mold, and polychlorinated biphenyls (PCBs) in improvements on the Target Property.

A Phase I ESA conducted by Weston Solutions, Inc. in October of 2019 identified three sites, historically located less than 500 feet from the Target Property along the western and southwestern property boundaries, that may have impacted soil or groundwater at the Target Property. The former printing and auto repair/body shop sites reportedly used chlorinated solvents and were considered recognized environmental conditions (RECs) in connection with the property:

- D&P Auto Repair, previously located at 128 S. Union St.
- Bordelon Motors Body Shop, previously located at 228 S. Union St.
- Western adjoining former printing shop, Bodemuller, The Printer, previously located at 123 S. Main St.

The Phase I ESA also identified the following issues that do not meet the ASTM definition of a REC but should be considered as the site is evaluated:

- The potential presence of ACM, LBP, and potential PCB- containing pool caulk based on the age of the building.
- Extensive amounts of mold were observed throughout the building.

Funding for this Phase II ESA was provided by the LDEQ Targeted Brownfields Assessment (TBA) program. This program empowers states, communities, and other stakeholders to work together to assess, clean up, and sustainably reuse Brownfields. A Brownfield is a property, expansion, redevelopment, or reuse of a property which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. The TBA program provides communities with environmental services such as environmental site assessments or investigations, and cleanup planning needed for revitalization projects at no cost to the stakeholders.

The objective of this Phase II ESA was to determine whether constituents of concern (COCs) associated with historic use of surrounding properties have impacted soil or groundwater at the Target Property, and to determine the presence and quantity of ACM, LBP, mold, and PCBs in caulk in improvements on the Target Property.

1.2 Special Terms and Conditions

TBAs are available to public, quasi-public or non-profit entities such as municipalities, tribal governments, and community development organizations interested in redeveloping abandoned or underutilized properties. To qualify for an assessment, there must be a potential release of hazardous substances at the site, and the entity must have redevelopment plans for the site once the assessment is complete. Redevelopment can involve the creation of commercial, industrial, recreational or conservation uses.

1.3 Limiting Conditions and Methodology Used

Leaaf has conducted this Phase II ESA in accordance with applicable portions of ASTM E1903-19 *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process*, LDEQ's Risk Evaluation/Corrective Action Program (RECAP) guidelines, and the state of Louisiana regulations pertaining to asbestos, lead, and mold. Swimming pool caulk was not observed and therefore was not sampled or analyzed for PCBs.

2.0 BACKGROUND

2.1 Site Description and Features

The site is an approximate one-acre parcel located at the intersection of East Landry St. and South Walnut St. in Opelousas, Louisiana. The property is improved with one four-story, 38,000 square-foot building originally constructed as a hotel, restaurant, and lounge in the 1950s, used as a women's shelter in the early 1990s and subsequently donated to the City of Opelousas in 2019. The property is currently vacant. A Site Location Map and a Site Vicinity Map are included in Appendix A, Figures A-1 and A-2.

2.2 Physical Setting

The property is located in St. Landry Parish, Louisiana. Land use in the vicinity of the property is primarily residential and commercial. The property is generally flat but slopes to the south toward East Landry Street, has an approximate elevation of 62 feet above mean sea level, and the general topographic gradient is to the east-southeast direction.

3.0 PHASE II ACTIVITIES

A Sampling and Analysis Plan and Quality Assurance Project Plan (SAP/QAPP) was prepared for this site and was approved by LDEQ in May 2021. This Phase II ESA was executed in accordance with the approved SAP/QAPP and in accordance with ASTM E 1903-19, LDEQ's RECAP guidelines, federal and state of Louisiana regulations pertaining to asbestos, lead, mold, and PCBs. All field work was conducted in accordance with a site-specific health and safety plan.

3.1 Soil Sampling

Three soil borings were advanced to 16 feet below ground surface (bgs) on June 3, 2021. Actual boring locations are depicted on Figure B-1, Appendix B. Rationale for the boring placement was as follows:

LB1: On the southwestern property boundary to evaluate potential impacts from the former Bordelon Motors Body Shop.

LB2-LB3: On the western property boundary to evaluate potential impacts from the former D&P Auto Repair and Bodemuller, The Printer.

Each boring was advanced to 16 feet bgs with a Geoprobe direct-push rig operated by Crescent Geotechnical (license WWC-524). Samples were collected using a two-inch diameter, four-foot long sample tube with disposable acetate liners. After advancing the probe to the appropriate depth, it was withdrawn from the ground, and the acetate liner containing the sample was removed from the tube. Soil samples from each boring were collected at two-foot intervals bgs. Each sample was field screened with a calibrated Mini-Rae photoionization detector (PID) and visually inspected for signs of contamination. After advancing the probe to the appropriate depth, it was withdrawn from the ground, and the acetate liner containing the sample was removed from the tube. Soil samples collected for analysis were trimmed with a clean stainless steel knife and placed into laboratory-provided sample containers appropriate for the requested analyses. Samples collected for volatile organics analysis (VPH and VOCs) were collected in accordance with SW-846 Method 5035 into Encore samplers. Geological boring logs documenting observations are included in Appendix B.

Up to three samples were retained for laboratory analysis from each boring as is required by the LDEQ RECAP guidance document. Soil sample intervals were as follows:

- The surface soil interval exhibiting the highest PID readings (0-15 feet bgs).
- The soil/groundwater interface (if encountered).
- The total depth of the boring.

Quality Assurance/Quality Control (QA/QC) samples were collected and analyzed in accordance with the approved SAP/QAPP.

All sample containers were labeled with a unique identification number, and immediately placed in a cooler with sufficient ice to cool each sample to < 4°C. At a minimum, the sample label included the sample number, date, time, sample location, sampler's name, sample type, analysis to be performed and preservatives used. Clean nitrile gloves were worn during soil sampling to promote sample integrity and dermal protection. Samples selected for laboratory analysis were delivered to ALS Group USA Corp. (ALS) in Houston, TX following full chain of custody procedures. Requested analyses included:

- Total Petroleum Hydrocarbons (TPH) fractions:
 - Extractable Petroleum Hydrocarbons (EPH)
 - Volatile Petroleum Hydrocarbons (VPH)
- Semi-volatile Organic Compounds (SVOCs)
- Volatile Organic Compounds (VOCs)

Decontamination of non-disposable sample equipment and stainless-steel tools was performed to prevent the introduction of off-site contaminants into sampling points, to prevent cross contamination of sampling points, and to prevent the removal of contaminants from the site. All tools and sampling equipment were cleaned prior to arrival at the site. Between uses, all sampling instruments, including spoons and the posthole digger, were decontaminated by washing with Liquinox™ and rinsing with distilled or deionized water. Between sampling

locations, all down-hole equipment that comes in direct contact with the sampled material or contaminants was cleaned by washing with Liquinox™ and rinsing with water.

3.2 Groundwater Sampling

Following the collection of soil samples, each of the three boreholes (LB1 – LB3) were converted into temporary wells using 0.75-inch inner-diameter (ID) polyvinyl chloride (PVC) riser with 5-foot 0.010-inch slotted, prepacked screens. The temporary wells correspond with the borehole (LB1/TW1 etc.). The bottom of each temporary well screen was set between 12-16 feet bgs. Each temporary well was developed by purging at least three well volumes before sampling with a peristaltic pump. Purged water was contained in labeled drums. Detailed groundwater sampling logs are presented in Appendix B.

Groundwater was sampled from the temporary wells into laboratory provided containers, labeled with a unique identification number, and immediately placed in a cooler with sufficient ice to cool each sample to < 4°C. At a minimum, the sample label included the sample number, date, time, sample location, sampler's name, sample type, analysis to be performed and preservatives used. Clean nitrile gloves were worn during groundwater sampling to promote sample integrity and dermal protection. Samples selected for laboratory analysis were delivered to ALS in Houston, TX following full chain of custody procedures. Requested analyses included:

- TPH fractions:
 - EPH
 - VPH
- SVOCs
- VOCs

Due to low well recharge, insufficient sample volume prevented collection of SVOC samples from TW2 during this investigation.

Quality Assurance/Quality Control (QA/QC) samples were collected and analyzed in accordance with the approved SAP/QAPP.

Upon completion of sampling activities, temporary wells were removed and boreholes were grouted to the surface per the LDEQ and the Louisiana Department of Transportation and Development (LDOTD) *Construction of Geotechnical Boreholes and Groundwater Monitoring System Handbook*.

All investigative derived waste (IDW) was contained in one drum and a sample of the waste was analyzed for reactivity, corrosivity, and ignitability (RCI) and full Toxicity Characteristic Leaching Procedure (TCLP) minus pesticides and herbicides. The drum was properly labeled and left on-site to be disposed by Leaaf following approval from the landfill.

3.3 Asbestos Inspection and Sampling

Asbestos samples were collected by LDEQ certified asbestos inspector Suzanne Sicotte (Certification # JI204226) of Leaaf on June 2 and June 3, 2021. Asbestos samples were collected in accordance with LAC 33:III Chapters 27 and 51. The number of samples collected depended on the sizes of the various homogeneous areas present at the site. A total of 85 samples were collected and submitted to Eurofins EMLab P&K for analysis of bulk asbestos

using polarized light microscopy (PLM) method (EPA method 600/R-93-116). Of the 85 samples, five were reanalyzed using the 400 point count method (EPA method 600/R-93-116) to more accurately quantify levels of asbestos concentration reported at 2% ACM. Multiple samples were broken into layers by the laboratory; therefore, a total of 238 analyses were completed.

Samples for ACM focused on the identification of (1) surfacing materials, (2) thermal system insulation (TSI) and (3) miscellaneous materials. Once these materials were located, homogenous sampling areas (uniform by color, texture, construction/application date and general appearance) were delineated, and the suspect materials were sampled and analyzed in accordance with LAC 33:III Chapters 27 and 51 and the Asbestos Hazard Emergency Response Act (AHERA). A minimum of three samples were collected from homogeneous areas of surfacing materials less than 1,000 square-feet in size. A minimum of five samples were collected from homogeneous areas of surfacing materials greater than 1,000 square-feet but less than 5,000 square-feet. A minimum of seven samples were collected from homogeneous areas of surfacing materials greater than 5,000 square-feet in size. A minimum of three random samples were collected from TSI locations, with the following exceptions: only one sample was collected from patched TSI if it is less than six linear or square feet, and only one sample was collected from mudded joints and fittings. Only one representative sample was collected from most miscellaneous materials, unless the amount and/or condition of the miscellaneous materials present warranted collecting more than one sample.

Bulk asbestos samples were collected by removing small pieces of suspected ACM from the subject site using small tools a razor knife or chisel under wet conditions. ACM samples were individually placed into new, single use plastic bags labeled with a unique identifying number. This number was recorded along with identifying remarks in field data forms and on the chain-of-custody sent to the laboratory for analysis. Analytical sampling was performed in accordance with LAC 33:III Chapters 27, and 51, and laboratory-specific requirements. Latex/nitrile gloves were worn during sample collection. Decontamination of non-disposable sample equipment and tools was performed to prevent the introduction of off-site contaminants into sampling points, to prevent cross contamination of sampling points, and to prevent the removal of contaminants from the site.

The sample locations, material type, and sample identification were recorded on field data forms and are presented in Appendix C.

3.4 Lead Based Paint (LBP) Inspection

Painted surfaces were analyzed for lead content by LDEQ certified lead inspector Gary Brooks (Certification # NI102434) of Leaaf on June 2, 2021 in accordance with LAC 33:III Chapter 28, U.S. Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (HUD-006700), and EPA's Hazard Standards for Lead, Dust and Soil. The LBP inspection included the identification of testing combinations (unique combination of room equivalent, building component type, and substrate) present at the site. Once the testing combinations were identified, they were evaluated using an a Viken Detection (Model # Pb 200i, Serial #1419) portable X-Ray Fluorescence (XRF) lead paint analyzer. The Viken Detection portable XRF is a direct reading instrument, no substrate correction is required. Pre and post calibration readings were taken per guidance and lead paint was identified as paint with lead above the regulatory limit equal to or in excess of 1.0 mg/ cm². One hundred eighty-four (184) tests were taken via the Viken Detection portable XRF within and outside the building.

Six of the samples were pre-calibration and post-calibration readings. The remaining 178 tests were of the various components identified to contain paint.

Per the US Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (HUD-006700), paint chip samples were to be collected and analyzed in three instances: 1) inaccessible area that cannot be tested using an XRF, 2) a building component has an irregular (non-flat) surface that cannot be tested using an XRF, and 3) the XRF renders an inconclusive reading. No paint chip samples were required for this inspection.

The testing location, testing combination for each component, and reading for each material tested, and sample identification were recorded on a spreadsheet and presented in Appendix D.

3.5 Mold Survey and Sampling

The mold survey was conducted by Suzanne Sicotte of Leaaf on June 2, 2021, to determine the presence and quantity of suspect mold within the interior of the building. The mold survey included a visual inspection, air quality sampling, and swab sampling. The property was inspected for visible source(s) of suspect mold growth, water staining, and/or presence of suspect odors. Based on these observations, air and swab sampling locations were selected.

Fourteen (14) mold air samples were collected on bioaerosol spore trap sampling cassettes (Zefon "Air-O-Cell") using vacuum type sampling pumps by Zefon International (Bio-Pump Model ZBP-100, Bio-Pump Plus Model ZBP-200, and/or Rotary Vane Sampling Pump Model ZHV00) from within and outside of the building. Twelve (12) of the samples were collected from areas of concern and two samples were collected from outside to be used as background samples. Fifteen (15) mold swab samples were collected using laboratory provided sterile swabs from Eurofins EMLab P&K. Sampling locations were selected based on observations and samples were collected from areas with visible suspect mold. Each swab sample was collected from an area measuring approximately one square inch and measured with a measuring tape.

Each sample was placed into new, single use plastic bags labeled with a unique identifying number. This number was recorded along with identifying remarks on field forms and on the chain of custody form sent to the laboratory for analysis. As there are no regulatory standards for mold surveys, air and swab sampling were performed in accordance with industry standards and laboratory-specific requirements. Latex/nitrile gloves were worn during sample collection. Samples were delivered to Eurofins EMLab P&K for fungi spore trap analysis for air samples and qualitative spore count direct exam for swab samples.

The sample locations, material sampled, and sample identification were recorded on field data forms and are presented in Appendix E.

3.6 Polychlorinated Biphenyls (PCBs) Sampling

On June 2, 2021, Suzanne Sicotte of Leaaf visually assessed the exterior building for suspect PCB-containing caulk associated with a swimming pool. Two caulk samples were to be collected from the pool. At the time of sampling, the swimming pool was filled in with gravel and dirt. No PCB samples were collected as the caulking was inaccessible.

Photographs detailing the current condition of the swimming pool are presented in Appendix F.

4.0 EVALUATION AND PRESENTATION OF RESULTS

4.1 Soils

Soil sampling results were compared to the LDEQ RECAP Table 1 Soil Limiting Screening Standards (LSS) for non-industrial (residential) land use and/or soil protective of groundwater (Soil_SSGW).

Soil samples collected during this investigation do not contain concentrations of COCs in excess of LSS. The LSS is the the more conservative of the non-industrial (Soil_SSni) and the soil to groundwater (Soil_SSGW) exposure pathways. A summary of the soil analytical data is provided as Table B-1: Soil Analytical Summary (Appendix B), boring locations are provided on figure B-1 (Appendix B), and the laboratory analytical reports are provided in Appendix B. The laboratory did not have the ability to analyze isobutyl alcohol and 1,2,4,5-tetrachlorobenzene on the soil samples collected. However, because no other VOCs or SVOCs were detected in excess of LSS, these compounds are not expected to be present at elevated concentrations.

One drum containing soil cuttings, purge water, and IDW generated during the June 3, 2021 site investigation was properly containerized and labeled. The drum was properly labeled and left on-site to be disposed by Leaaf following approval from the landfill.

4.2 Groundwater

Groundwater sampling results were compared to the LDEQ RECAP Table 1 Groundwater Screening Standards (GW_SS). The laboratory did not have the ability to analyze 1,2,4,5-tetrachlorobenzene on the groundwater samples collected. However, because no other SVOCs were detected in excess of GW_SS, this compound is not expected to be present at elevated concentrations. Additionally, 1,2-dibromo-3-chloropropane was not detected in any sample. However, the method detection limit (MDL) exceeds the GW_SS. This compound is not expected to be present at elevated concentrations. No other VOC was detected in the groundwater.

Groundwater sampled during this investigation does not contain concentrations of sampled COCs in excess of GW_SS. A summary of the groundwater analytical data is provided as Table B-2: Groundwater Analytical Summary (Appendix B), field sampling logs are provided in Appendix B, and the laboratory analytical reports are provided in Appendix B.

4.3 Asbestos

Two materials were found to contain regulated asbestos in the building: black pipe mastic and sheetrock ceiling texture. Point count analysis was performed on five additional samples which determined that the window glazing materials were not ACM. Analysis of one (1) sheetrock sample found detectable asbestos in a joint compound layer. The laboratory provided a composite asbestos content for the sample, which was less than 1% asbestos. Composite analysis of joint compound when applied to sheetrock as part of a "wall system" is allowed under NESHAP regulations for non-state and non-school buildings; therefore, the sheetrock sample is not considered ACM per applicable EPA guidelines.

A summary of the asbestos containing materials at the property is presented below.

It should be noted that additional black mastic may be present on pipes above drop ceilings throughout the building.

Material	Sample Location	% Asbestos	Condition	Estimated Quantity (throughout)
Pipe Mastic (black)	1 st Floor Lobby Pipe (above drop ceiling)	15% Chrysotile	Poor	50 LF
Ceiling Texture (off-white)	2 nd and 3 rd Floor Room Ceilings, 4 th Fl. Stairwell Ceiling	1.75 % - 3% Chrysotile	Fair to Poor	10,000 ft ²
Total ACM for Building	50 LF of pipe mastic (black) 10,000 ft ² of ceiling texture (off-white)			

The laboratory analytical report, photographs of the confirmed ACM, and a map detailing areas of the building where ACM are present are included in Appendix C.

4.4 Lead Based Paint (LBP)

Lead was detected above the regulatory limit equal to or in excess of 1.0 mg/cm² in one reading by XRF. LBP is present on two exterior concrete curbs located on the eastern S. Walnut St. side entrance driveway. The LBP on each curb measures approximately 83 linear feet by 6 inches. The yellow paint is in poor condition with peeling throughout. No LBP was found on the interior of the building. A summary of LBP at the property is presented below.

Reading #	Room Location	Component	Substrate	Paint Color	Paint Condition	Lead Level (mg/cm ²)	Estimated Quantity
20	Exterior	Curb	Concrete	Yellow	Peeling	1.5	250 LF (0.5' x 166')
Total LBP for Building							250 LF

A spreadsheet detailing XRF readings, photographs of LBP surfaces, and a map detailing areas of the building where LBP is present are located in Appendix D.

4.5 Mold

The air quality portion of the survey identified airborne mold spores significantly different than what someone would be exposed to outside in all areas sampled. In addition, Leaaf utilized the Laboratory provided "MoldScore" to determine if the mold spores detected had a reasonable chance of originating from indoors or outdoors. The "MoldScore" indicated that all of the samples had a high probability of originating from an indoor source of airborne mold except for four samples, which had a medium probability of originating from an indoor source of airborne mold.

The indoor air sampling identified the presence of airborne mold in excess of background levels for the following areas:

Sample #	Air Sample Location	Summary of Mold Taxa Identified (count per cubic meter)
AOC-001	Exterior - Background	<i>Basidiospores</i> (1,800) <i>Cladosporium</i> (87) Other Colorless – None Detected <i>Penicillium</i> / <i>Aspergillus</i> types (20) <i>Stachybotrys</i> – None Detected
AOC-002	1 st Fl. – Activity Rm.	<i>Cladosporium</i> (2,200) <i>Penicillium</i> / <i>Aspergillus</i> types (1,700)
AOC-003	1 st Fl. – Dining Rm.	<i>Basidiospores</i> (2,300) <i>Penicillium</i> / <i>Aspergillus</i> types (590)
AOC-004	1 st Fl. - Kitchen	<i>Cladosporium</i> (520) Other Colorless (550) <i>Penicillium</i> / <i>Aspergillus</i> types (1,000)
AOC-005	2 nd Fl. – Hall @ Rm. 217	<i>Cladosporium</i> (830) <i>Penicillium</i> / <i>Aspergillus</i> types (1,000)
AOC-006	2 nd Fl. – Hall @ Elevator	<i>Cladosporium</i> (630) <i>Penicillium</i> / <i>Aspergillus</i> types (780)
AOC-007	2 nd Fl. - Hall @ Rm. 204	<i>Penicillium</i> / <i>Aspergillus</i> types (690)
AOC-008	4 th Fl. – Hall @ Rm. 404	<i>Penicillium</i> / <i>Aspergillus</i> types (850)
AOC-009	3 rd Fl. – Hall @ Rm. 302	<i>Cladosporium</i> (510) <i>Penicillium</i> / <i>Aspergillus</i> types (11,000) <i>Stachybotrys</i> (110)
AOC-010	3 rd Fl. – Hall @ Elevator	Other Colorless (210) <i>Penicillium</i> / <i>Aspergillus</i> types (23,000) <i>Stachybotrys</i> (1,000)
AOC-011	3 rd Fl. – Hall @ Rm. 318	Other Colorless (140) <i>Penicillium</i> / <i>Aspergillus</i> types (12,000) <i>Stachybotrys</i> (190)
AOC-012	4 th Fl. – Hall @ Elevator	<i>Penicillium</i> / <i>Aspergillus</i> types (11,000) <i>Stachybotrys</i> (33)
AOC-013	4 th Fl. – Hall @ Rm. 416	<i>Penicillium</i> / <i>Aspergillus</i> types (11,000) <i>Stachybotrys</i> (27)
AOC-014	Exterior - Background	<i>Basidiospores</i> (750) <i>Cladosporium</i> (340) Other Colorless – None Detected <i>Penicillium</i> / <i>Aspergillus</i> types (13) <i>Stachybotrys</i> – None Detected

The indoor swab sampling of suspect areas identified significant quantities of mold in all of the swab samples taken. The indoor swab sampling identified the presence of surface mold as follows:

Sample #	Swab Sample Location	Observations	Summary of Mold Taxa Identified (spores per swab)
SWB-001	1 st Fl. - Activity Rm. Door	Visible suspect mold observed.	<i>Cladosporium</i> (400,000) <i>Smuts</i> , <i>Periconia</i> , <i>Myxomycetes</i> (40)
SWB-002	1 st Fl. - Dining Rm. Wall	Visible suspect mold observed.	<i>Cladosporium</i> (270,000)

Sample #	Swab Sample Location	Observations	Summary of Mold Taxa Identified (spores per swab)
SWB-003	1 st Fl. - Kitchen Wall Column	Visible suspect mold observed.	<i>Cladosporium</i> (480,000)
SWB-004	Basement - Wall	Visible suspect mold observed.	<i>Cladosporium</i> (9,200) <i>Stachybotrys</i> (880,000)
SWB-005	Basement - Wall	Visible suspect mold observed.	<i>Cladosporium</i> (4,500)
SWB-006	Basement - Bathroom Wall	Visible suspect mold observed.	<i>Cladosporium</i> (700,000)
SWB-007	2 nd Fl. – Rm. 221 Wall	Visible suspect mold observed.	<i>Aspergillus</i> (1,500,000)
SWB-008	2 nd Fl. – Hall Wall (@ Rm. 218)	Visible suspect mold observed.	<i>Cladosporium</i> (490,000) <i>Penicillium</i> / <i>Aspergillus</i> types (84,000)
SWB-009	2 nd Fl. – Hall HVAC Supply Register (@ Rm. 217)	Visible suspect mold observed.	<i>Cladosporium</i> (280) <i>Penicillium</i> / <i>Aspergillus</i> types (1,400) <i>Basiospores</i> (160)
SWB-010	3 rd Fl. – Rm. 311 Wall	Visible suspect mold observed.	<i>Aspergillus</i> (1,000,000)
SWB-011	3 rd Fl. – Hall Wall (@ Rm. 313)	Visible suspect mold observed.	Other colorless (220,000) <i>Penicillium</i> / <i>Aspergillus</i> types (440) <i>Stachybotrys</i> (1,900)
SWB-012	3 rd Fl. – Rm. 313 Ceiling	Visible suspect mold observed.	<i>Cladosporium</i> (1,500,000) <i>Penicillium</i> / <i>Aspergillus</i> types (3,700)
SWB-013	4 th Fl. – Elevator Door	Visible suspect mold observed.	<i>Cladosporium</i> (6,400) <i>Penicillium</i> / <i>Aspergillus</i> types (320)
SWB-014	4 th Fl. – Rm. 404 Door	Visible suspect mold observed.	<i>Cladosporium</i> (4,700)
SWB-015	4 th Fl. – Rm. 410 Wall	Visible suspect mold observed.	<i>Basidiospores</i> (40) <i>Cladosporium</i> (80) <i>Penicillium</i> / <i>Aspergillus</i> types (4,400)

The laboratory analytical report, photographs of mold impacted building components, and a map detailing areas of the building where mold is located are presented in Appendix E.

5.0 DISCUSSION OF FINDINGS

5.1 Soil and Groundwater

Three borings were advanced on the west and southwest portion of the New Life Center property to evaluate possible impacts from the surrounding Bordelon Motors Body Shop, D&P Auto Repair, and Bodemuller, The Printer. No impact from historic or current operations from these facilities was found in the soil or groundwater during this investigation.

5.2 Asbestos

ACM are present on the property. The ceiling texture (white) is considered friable in its current state. The ceiling texture is in fair condition in some areas of the building, but the majority of the

ceiling texture is in poor condition due to water intrusion and leaks. The pipe mastic (black) found above the drop ceiling in the Lobby is non-friable but is partially damaged.

There are three options with respect to ACM located on the property: (1) management in place, (2) removal, or (3) a combination of management in place and removal. It is recommended that prior to reoccupation, renovations and/or demolition of the building that an Asbestos Operations and Maintenance Plan be developed for reoccupation or that an abatement design be developed prior to renovations and/or demolition. Should renovations and/or demolition be performed, then a licensed asbestos abatement contractor should be used to properly remove the asbestos before the renovations and/or demolition. Regulations require that LDEQ be notified prior to any ACM removal activities.

The poor condition of much of the ACM in the building will likely render management in place infeasible. Abatement (removal and disposal) costs vary considerably, depending on the management options employed for each ACM component and the planned use of the building (i.e., renovation or demolition). The following costs are estimated in association with subsequent asbestos management options for the site:

- | | |
|---|--------------|
| • Asbestos Operations and Maintenance Plan | \$1,500.00 |
| • Asbestos Abatement Design | \$2,500.00 |
| • Complete abatement and removal of ACM: | |
| ○ ~ 10,000 ft ² of ceiling texture (white) | \$150,000.00 |
| ○ ~ 50 ft pipe mastic (black) | \$300.00 |

The above costs are based upon general, per-unit, abatement costs for sampled materials only. Costs do not include replacement of removed materials, third-party daily air monitoring or third-party final clearance. The cost of air monitoring and clearance ranges from \$1,500 per day to \$3,000 per day.

5.3 Lead Based Paint (LBP)

LBP is present on the property. Should the property be redeveloped as a “child-occupied facility” or “target housing,” state and federal LBP regulations would apply. Abatement of LBP is required for “child-occupied facilities,” defined as a building or part of a building constructed before 1978, including, but not limited to, a day-care center, preschool, or kindergarten classroom, that is visited regularly by the same child, six years of age or younger, at least two days in any calendar week if the visits are for at least three hours each day; and 60 hours each year. Target housing is defined as any housing constructed prior to 1978, except housing for the elderly or persons with disabilities (unless any child who is six years of age or younger resides or is expected to reside in such housing) or any zero-bedroom dwelling. Target housing includes the terms residential dwelling, multi-family dwelling, and unit.

If the property is going to be redeveloped as mixed-use with residential units, LBP regulations would still apply to common areas servicing residential units even if they are also located in a commercial space. The exterior lead-based paint curb is immediately adjacent to the child occupied facility and could potentially be a common entryway routinely used by children under age 6.

If the property is not going to be reused as a child-occupied facility or target housing, abatement is not required and the only regulation that would apply would be for proper disposal of the lead painted building materials and the worker safety regulations stipulated in OSHA's 29 CFR 1926.

The LBP on the exterior concrete curbs is in poor condition with extensive peeling. If the LBP curbs are to remain in place on site, it is recommended that the LBP be abated by a licensed contractor. LBP in fair to good condition can remain in place or be encapsulated or enclosed to prevent exposure. Persons working in areas where LBP remains should be made aware of its presence.

Prior to disposal of lead-painted building materials, a determination of whether the waste is hazardous must be made. To make a determination, the renovation and/or demolition entity will be required to collect a representative sample of the material and forward it to a laboratory for Toxicity Characteristic Leaching Procedure (TCLP) metals analysis at a minimum. The landfill to which the waste will be sent will dictate the complete analyses required. The requirements for the proper handling of the lead should be included in the renovation and/or demolition specification.

Permitting, preparation, monitoring, removal, transportation and disposal of LBP components and lead waste should only be performed by consultants and/or contractors accredited by LDEQ to perform LBP abatement in conjunction with architectural designs for renovations.

The following costs are estimated in association with the next stages of managing the LBP found at the site:

- Specification Design \$1,500
- TCLP \$75 (analysis with 1 week turnaround time)
- Lead Removal \$8 - \$15 per ft²
- Lead Encapsulation \$4 - \$8 per ft²
- Non-Haz Waste Disposal \$100
- Hazardous Waste Disposal \$255 per 55-gallon drum for RCRA solid waste

The above costs are based upon general, per-unit, abatement costs for sampled materials only. Costs do not include replacement of removed materials or third-party final clearance. The cost of clearance ranges from \$1,000 to \$5,000 depending on the size of the work area.

5.4 Mold

At the time of the mold survey, conditions for mold growth, including excessive moisture as a result of past and current roof leaks and the absence of heating or air conditioning in the building, were present. Visible mold, discolorations and/or water staining were observed throughout the building and standing water was noted on the 3rd and 4th floors. Mold affected building components include but are not limited to wall surfaces (brick, sheetrock, cinderblock), floor surfaces (concrete, brick tile, ceramic tile, floor tile, vinyl floor sheeting, carpet), ceiling surfaces (ceiling tile, concrete, sheetrock), doors and associated door components, HVAC/AHU systems and associated components (units, registers, ducts, etc.), windows and associated window components. Surface mold did directly correlate to airborne mold in the areas sampled.

Due to the water damage and mold growth observed, Leaaf recommends that a qualified mold remediation contractor be retained to properly remove mold and water impacted materials from the building in accordance with EPA guidelines for cleanup and remediation. Porous materials should be removed and discarded. Mold and water impacted materials that remain should be cleaned by contractors with trained personnel using appropriate engineering controls and work practices. All sources of water intrusion must be identified and corrected prior to remediation efforts. It is recommended to replace or clean the ductwork and the HVAC system. The water/mold impacted ceiling texture on the 2nd through 4th floors ceilings is asbestos containing and must be removed by an LDEQ certified asbestos abatement contractor prior to mold remediation activities. A remediation plan should be developed to address any mold remediation.

Remediation costs for mold affected and/or moisture impacted areas (cleaning, HEPA vacuuming, aggressive wiping and scrubbing, treatment with biocide and/or other approved product, drying, dehumidifying, and air scrubbing) vary considerably, depending on the management options employed for each affected component and the planned use of the building (i.e., renovation or demolition). Estimated remediation costs for impacted building components are listed below: The following costs are estimated in association with subsequent mold remediation options for the site:

- Mold Remediation Plan \$5,000.00
- Mold Remediation (minimum 100 ft² area) \$15 - \$30 per ft²

Remediation costs do not include any special measures regarding hazard containment, ventilation, disposal, or replacement of removed materials. If necessary, those items will increase cost accordingly. The cost of third-party final clearance sampling ranges from \$2,000 per day to \$4,000 per day depending upon the number of air samples and containment areas required.

5.5 PCBs

Pool caulk was not identified or accessible during this survey; therefore, suspect PCB-containing pool caulk was not sampled. If the former pool area is to be disturbed as part of subsequent renovations, additional survey activities may be required to evaluate the presence of PCBs in any identifiable pool caulk.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Leaaf has performed a Phase II ESA at the New Life Center located at 411 East Landry Street in Opelousas, Louisiana in conformance with the scope and limitations of ASTM Practice E 1903-19 and for the following objectives: to determine whether constituents of concern (COCs) associated with historic use of surrounding properties have impacted soil or groundwater at the Target Property, and to determine the presence and quantity of ACM, LBP, mold, and PCBs in caulk in improvements on the Target Property. Pool caulk was not identified; therefore, no samples were submitted for PCB analysis. The remaining objectives were met.

The results of the soil and groundwater sampling indicate that soils and groundwater on the site do not contain concentrations of COCs in excess of the LDEQ RECAP screening standards. Therefore, the soil and groundwater evaluated at the Target Property do not pose a risk to human health or the environment.

It is recommended that the ACM identified on the property be abated by a licensed abatement contractor prior to building renovations or demolition. The ACM in good condition may remain and be managed in place, although cost of a management plan and updates over the lifetime of the building may outweigh the initial costs of abatement.

Removal of LBP components is recommended. Removal is required if the building will meet the definition of a child-occupied facility, including redevelopment as a mixed-use property. If these components are to remain in place on site, any LBP in poor condition should be abated by a licensed contractor. LBP in fair to good condition can remain in place or be encapsulated or enclosed to prevent exposure. Persons working in areas where LBP remains should be made aware of its presence.

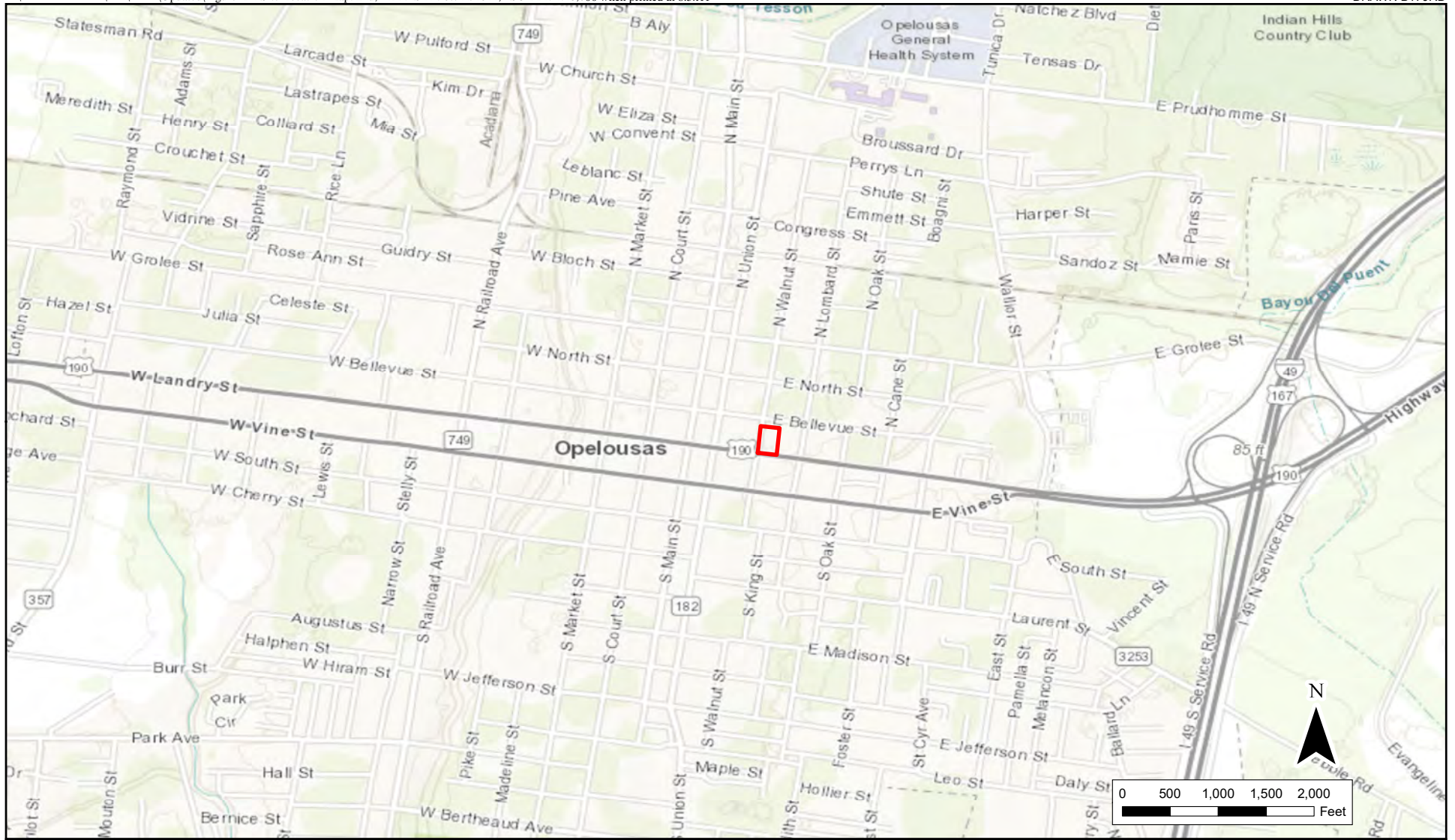
Mold was identified throughout the interior of the building. Remedial actions are recommended, and best-management practices should be employed to limit exposure to mold during or renovation or demolition activities. Conditions conducive to mold growth should be addressed prior to building reuse.

No pool caulking was identified during the survey; therefore, no PCB sampling was conducted. If the former pool area is to be disturbed as part of subsequent renovations, additional survey activities may be required to evaluate the presence of PCBs in any identifiable pool caulk.

APPENDIX A

SITE LOCATION MAPS

Figure A-1 Site Location Map
Figure A-2 Site Vicinity Map



Legend

 Site Boundary

Notes:

**Figure A-1
Site Location Map**


LTBA-006
New Life Center: 411 East Landy Street
Opelousas, LA 70570
07/14/2021

Leaf Environmental, LLC
2301 Whitney Ave., Gretna, LA 70056
www.leaf.com
(504) 342-2687 (Main)
(504) 342-2715 (Fax)





Legend

 Site Boundary

Notes:

**Figure A-2
Site Vicinity Map**

LTBA-006

New Life Center: 411 East Landy Street
Opelousas, LA 70570

07/14/2021

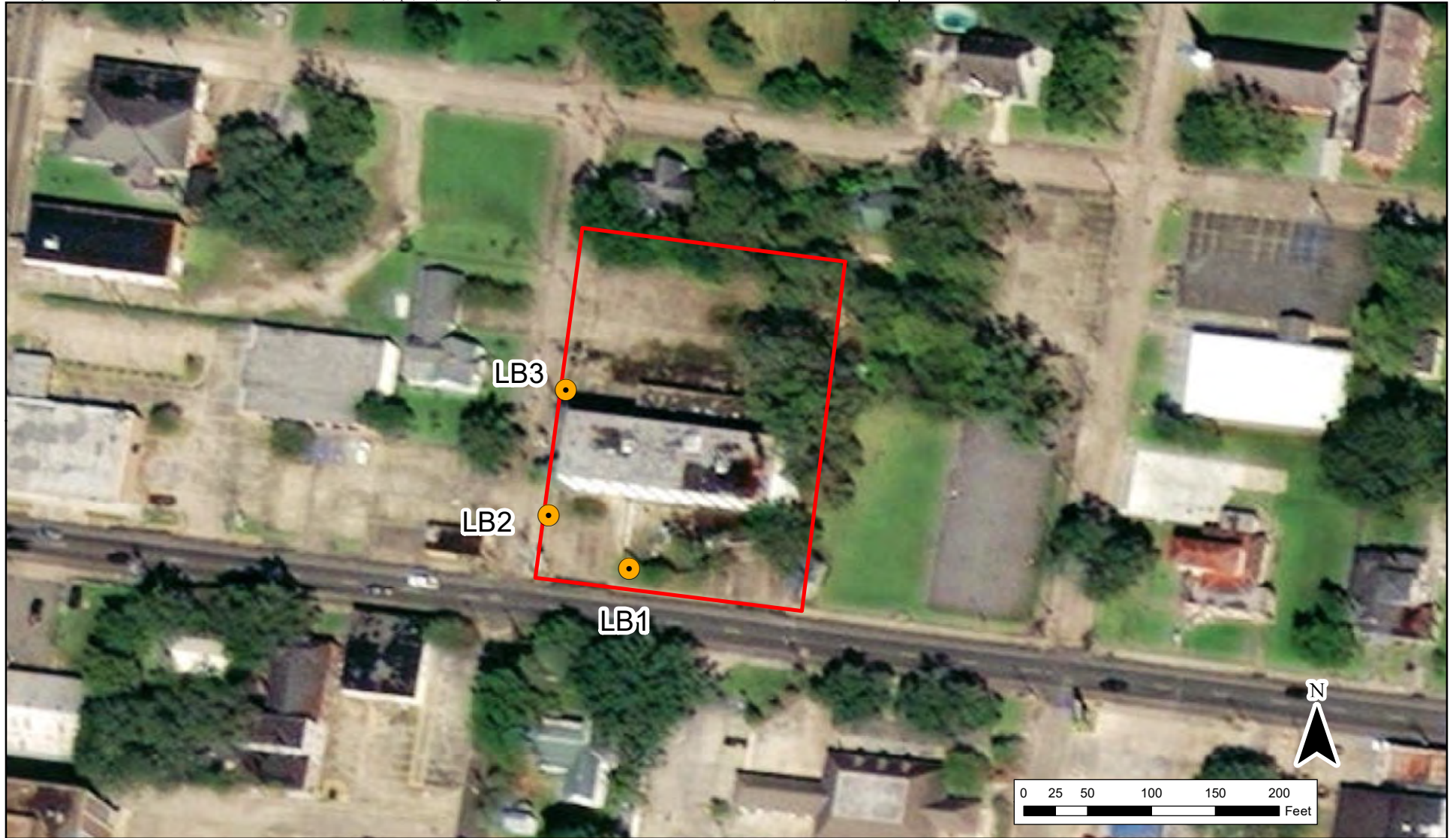
Leaf Environmental, LLC
2301 Whitney Ave., Gretna, LA 70056
www.leaf.com
(504) 342-2687 (Main)
(504) 342-2715 (Fax)



APPENDIX B

SOIL AND GROUNDWATER DATA

Figure B-1: Boring Location Map
Table B-1: Soil Analytical Results
Table B-2: Groundwater Analytical Results
Geological Boring Logs
Groundwater Sampling Logs
Laboratory Analytical Reports



Legend

- Site Location
- Boring Locations

Notes:

Figure B-1
Boring Location Map

LTBA-002
 New Life Center: 411 East Landy Street
 Opelousas, LA 70570
 06/10/2021

Leaf Environmental, LLC
 2301 Whitney Ave., Gretna, LA 70056
 www.leaf.com
 (504) 342-2687 (Main)
 (504) 342-2715 (Fax)



**Table B-1: Soil Analytical Summary
New Life Center, Opelousas, LA
LDEQ Agency Interst No. 153702**

Analyte	Units	SOIL_SSni	SOIL_SSGW	LB1 0-2	LB1 12-14	LB1A	LB1 14-16	LB2 0-2	LB2 8-10	LB2 14-16	LB3 8-10	LB3 14-16
				6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021
				SVOCs								
Acenaphthene	mg/Kg	370	220	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
Acenaphthylene	mg/Kg	350	88	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
Aniline	mg/Kg	2.4	0.065	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Anthracene	mg/Kg	2200	120	<0.0033	<0.0033	<0.0033	0.00079 J	0.0011 J	<0.0033	<0.0033	<0.0033	<0.0033
Benzo(a)anthracene	mg/Kg	0.62	330	<0.0033	<0.0033	<0.0033	<0.0033	0.0085	<0.0033	<0.0033	<0.0033	<0.0033
Benzo(b)fluoranthene	mg/Kg	0.62	220	<0.0033	<0.0033	<0.0033	<0.0033	0.011	<0.0033	<0.0033	<0.0033	<0.0033
Benzo(k)fluoranthene	mg/Kg	6.2	120	<0.0033	<0.0033	<0.0033	<0.0033	0.0072	<0.0033	<0.0033	<0.0033	<0.0033
Benzo(a)pyrene	mg/Kg	0.33	23	<0.0033	<0.0033	<0.0033	0.0017 J	0.010	<0.0033	<0.0033	<0.0033	<0.0033
1,1'-Biphenyl	mg/Kg	230	190	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Bis(2-chloroethyl)ether	mg/Kg	0.33	0.33	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Bis(2-chloroisopropyl)ether	mg/Kg	4.9	0.8	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2-Chloronaphthalene	mg/Kg	500	500	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
4-Chloroaniline	mg/Kg	16	1.5	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Chrysene	mg/Kg	62	76	<0.0033	<0.0033	0.0021 J	0.0023 J	0.012	<0.0033	<0.0033	0.0011 J	<0.0033
Dibenz(a,h)anthracene	mg/Kg	0.33	540	<0.0033	<0.0033	<0.0033	<0.0033	0.0024 J	<0.0033	<0.0033	<0.0033	<0.0033
Dibenzofuran	mg/Kg	29	24	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
3,3'-Dichlorobenzidine	mg/Kg	0.97	1.8	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
1,3-Dinitrobenzene	mg/Kg	0.45	0.25	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,4-Dinitrotoluene	mg/Kg	8.9	1	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,6-Dinitrotoluene	mg/Kg	4.3	0.39	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Fluoranthene	mg/Kg	220	1200	<0.0033	<0.0033	0.0017 J	0.0021 J	0.020	<0.0033	<0.0033	<0.0033	<0.0033
Fluorene	mg/Kg	280	230	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
Hexachlorobenzene	mg/Kg	0.34	9.6	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Hexachlorobutadiene	mg/Kg	0.82	5.5	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Hexachlorocyclopentadiene	mg/Kg	1.4	1200	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Hexachloroethane	mg/Kg	5.2	2.2	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Indeno(1,2,3-cd)pyrene	mg/Kg	0.62	9.2	<0.0033	<0.0033	<0.0033	0.0012 J	0.0059	<0.0033	<0.0033	<0.0033	<0.0033
Isophorone	mg/Kg	340	0.56	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2-Methylnaphthalene	mg/Kg	22	1.7	<0.0033	<0.0033	<0.0033	0.00056 J	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
Naphthalene	mg/Kg	6.2	1.5	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033
2-Nitroaniline	mg/Kg	1.7	1.7	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
3-Nitroaniline	mg/Kg	13	1.7	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
4-Nitroaniline	mg/Kg	10	1.7	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Nitrobenzene	mg/Kg	2.2	0.33	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
N-Nitrosodiphenylamine	mg/Kg	90	2.1	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
N-Nitrosodi-n-propylamine	mg/Kg	0.33	0.33	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Phenanthrene	mg/Kg	2100	660	<0.0033	<0.0033	<0.0033	0.0020 J	0.0095	<0.0033	<0.0033	<0.0033	<0.0033
Butyl benzyl phthalate	mg/Kg	220	220	<0.0065	<0.0065	<0.0066	<0.0065	0.0020 J	<0.0066	<0.0066	<0.0066	<0.0066
Bis(2-ethylhexyl)phthalate	mg/Kg	35	79	0.0044 J	0.0060 J	0.0089	0.013	0.016	0.0053 J	0.0052 J	0.0051 J	0.0046 J

**Table B-1: Soil Analytical Summary
New Life Center, Opelousas, LA
LDEQ Agency Interst No. 153702**

Analyte	Units	SOIL_SSni	SOIL_SSGW	LB1 0-2	LB1 12-14	LB1A	LB1 14-16	LB2 0-2	LB2 8-10	LB2 14-16	LB3 8-10	LB3 14-16
				6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021
				SVOCs								
Diethyl phthalate	mg/Kg	670	360	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Dimethyl phthalate	mg/Kg	1500	1500	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Di-n-octyl phthalate	mg/Kg	240	10000	<0.0065	<0.0065	<0.0066	0.0018 J	0.0021 J	<0.0066	<0.0066	<0.0066	<0.0066
Pyrene	mg/Kg	230	1100	0.0010 J	<0.0033	0.0025 J	0.0029 J	0.017	<0.0033	<0.0033	0.00089 J	<0.0033
1,2,4-Trichlorobenzene	mg/Kg	66	14	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2-Chlorophenol	mg/Kg	15	1.4	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,4-Dichlorophenol	mg/Kg	16	12	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,4-Dimethylphenol	mg/Kg	93	20	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,4-Dinitrophenol	mg/Kg	7.1	1.7	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
4-Nitrophenol	mg/Kg	32	2.6	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
Pentachlorophenol	mg/Kg	2.8	1.7	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
Phenol	mg/Kg	1300	11	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,3,4,6-Tetrachlorophenol	mg/Kg	140	31	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,4,5-Trichlorophenol	mg/Kg	530	320	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
2,4,6-Trichlorophenol	mg/Kg	40	1.3	<0.0065	<0.0065	<0.0066	<0.0065	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066
				VOCs								
Acetone	mg/Kg	170	1.5	<0.021	<0.020	<0.0019	<0.020	<0.019	<0.021	<0.020	<0.017	<0.017
Benzene	mg/Kg	1.5	0.051	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Bromodichloromethane	mg/Kg	1.8	0.92	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Bromoform	mg/Kg	48	1.8	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Bromomethane	mg/Kg	0.43	0.04	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
Carbon disulfide	mg/Kg	36	11	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
Carbon tetrachloride	mg/Kg	0.18	0.11	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Chlorobenzene	mg/Kg	17	3	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Dibromochloromethane	mg/Kg	2.2	1	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Chloroethane	mg/Kg	4.1	0.035	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
Chloroform	mg/Kg	0.044	0.9	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Chloromethane	mg/Kg	3.5	0.1	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
1,2-Dibromo-3-chloropropa	mg/Kg	0.18	0.01	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,2-Dichlorobenzene	mg/Kg	99	29	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,3-Dichlorobenzene	mg/Kg	2.1	2.1	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,4-Dichlorobenzene	mg/Kg	6.7	5.7	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,1-Dichloroethane	mg/Kg	66	7.5	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,2-Dichloroethane	mg/Kg	0.82	0.035	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,1-Dichloroethene	mg/Kg	13	0.085	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
cis-1,2-Dichloroethene	mg/Kg	4.8	0.49	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
trans-1,2-Dichloroethene	mg/Kg	6.9	0.77	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,2-Dichloropropane	mg/Kg	0.69	0.042	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
cis-1,3-Dichloropropene	mg/Kg	3.1	0.04	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043

**Table B-1: Soil Analytical Summary
New Life Center, Opelousas, LA
LDEQ Agency Interst No. 153702**

Analyte	Units	SOIL_SSni	SOIL_SSGW	LB1 0-2	LB1 12-14	LB1A	LB1 14-16	LB2 0-2	LB2 8-10	LB2 14-16	LB3 8-10	LB3 14-16
				6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	6/3/2021	
VOCs												
trans-1,3-Dichloropropene	mg/Kg	3.1	0.04	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Ethylbenzene	mg/Kg	160	19	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
2-Butanone	mg/Kg	590	5	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
Methylene chloride	mg/Kg	19	0.017	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
4-Methyl-2-pentanone	mg/Kg	450	6.4	<0.010	<0.010	<0.0096	<0.0098	<0.0093	<0.010	<0.010	<0.0084	<0.0086
Methyl tert-butyl ether	mg/Kg	650	0.077	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Styrene	mg/Kg	500	11	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,1,1,2-Tetrachloroethane	mg/Kg	2.7	0.046	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,1,2,2-Tetrachloroethane	mg/Kg	0.81	0.006	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Tetrachloroethene	mg/Kg	8.3	0.18	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Toluene	mg/Kg	68	20	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,1,1-Trichloroethane	mg/Kg	82	4	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
1,1,2-Trichloroethane	mg/Kg	1.9	0.058	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Trichloroethene	mg/Kg	0.1	0.073	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Trichlorofluoromethane	mg/Kg	38	37	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
Vinyl chloride	mg/Kg	0.24	0.013	<0.0021	<0.0020	<0.0019	<0.0020	<0.0019	<0.0021	<0.0020	<0.0017	<0.0017
Xylenes, Total	mg/Kg	18	150	<0.0052	<0.0051	<0.0048	<0.0049	<0.0046	<0.0052	<0.0050	<0.0042	<0.0043
TPH												
Aliphatics >C10 - C12	mg/Kg	230	10000	<2.44	<2.46	<2.49	<2.46	<2.47	<2.48	<2.43	<2.43	<2.46
Aliphatics >C12 - C16	mg/Kg	370	10000	<4.88	<4.92	<4.97	<4.93	<4.95	<4.95	<4.87	<4.87	<4.91
Aliphatics >C16 - C35	mg/Kg	7100	10000	<4.88	<4.92	<4.97	<4.93	<4.95	<4.95	<4.87	<4.87	<4.91
Aromatics >C10 - C12	mg/Kg	120	100	<2.44	<2.46	<2.49	<2.46	<2.47	<2.48	<2.43	<2.43	<2.46
Aromatics >C12 - C16	mg/Kg	180	200	<4.88	<4.92	<4.97	<4.93	<4.95	<4.95	<4.87	<4.87	<4.91
Aromatics >C16 - C21	mg/Kg	150	2100	<4.88	<4.92	<4.97	<4.93	<4.95	<4.95	<4.87	<4.87	<4.91
Aromatics >C21 - C35	mg/Kg	180	10000	<4.88	<4.92	<4.97	<4.93	<4.95	<4.95	<4.87	<4.87	<4.91
Aliphatics >C6 - C8	mg/Kg	1200	10000	<0.460	<0.525	<0.545	<0.465	<0.465	<0.440	<0.535	<0.455	<0.515
Aliphatics >C8 - C10	mg/Kg	120	5300	<0.460	<0.525	<0.545	<0.465	<0.465	<0.440	<0.535	<0.455	<0.515
Aromatics >C8 - C10	mg/Kg	65	65	<0.460	<0.525	<0.545	<0.465	<0.465	<0.440	<0.535	<0.455	<0.515

Notes:

Bold - Concentration was detected.

<### - Parameter not detected. Detection limit given.

Soil_SSni - Soil Screening Standard for Non-Industrial Land Use (RECAP Table 1, RECAP Guidance Document October 2003)

Soil_SSGW - Soil Screening Standard protective of groundwater (RECAP Table 1, RECAP Guidance Document October 2003)

LB1A is a duplicate sample of LB1 12-14

Qualifiers:

J: The identification of the analyte is acceptable; the reported value is an estimate.

Table B-2: Groundwater Analytical Summary
New Life Center, Opelousas, LA
LDEQ Agency Interest No. 153702

Analyte	Units	GW_SS	TW1	TW2	TW3	TW3A
			6/3/2021	6/3/2021	6/3/2021	6/3/2021
SVOCs						
Acenaphthene	mg/L	0.037	<0.00010	NA	<0.00010	<0.00010
Acenaphthylene	mg/L	0.1	<0.00010	NA	<0.00010	<0.00010
Aniline	mg/L	0.012	<0.00020	NA	<0.00020	<0.00020
Anthracene	mg/L	0.043	<0.00010	NA	<0.00010	<0.00010
Benz(a)anthracene	mg/L	0.0078	<0.00010	NA	<0.00010	<0.00010
Benzo(b)fluoranthene	mg/L	0.0048	<0.00010	NA	<0.00010	<0.00010
Benzo(k)fluoranthene	mg/L	0.0025	<0.00010	NA	<0.00010	<0.00010
Benzo(a)pyrene	mg/L	0.0002	<0.00010	NA	<0.00010	<0.00010
1,1'-Biphenyl	mg/L	0.03	<0.00020	NA	<0.00020	<0.00020
Bis(2-chloroethyl)ether	mg/L	0.0057	<0.00020	NA	<0.00020	<0.00020
Bis(2-chloroisopropyl)ether	mg/L	0.0057	<0.00020	NA	<0.00020	<0.00020
2-Chloronaphthalene	mg/L	0.049	<0.00020	NA	<0.00020	<0.00020
4-Chloroaniline	mg/L	0.02	<0.00020	NA	<0.00020	<0.00020
Chrysene	mg/L	0.0016	<0.00010	NA	<0.00010	<0.00010
Dibenz(a,h)anthracene	mg/L	0.0025	<0.00010	NA	<0.00010	<0.00010
Dibenzofuran	mg/L	0.01	<0.00010	NA	<0.00010	<0.00010
3,3'-Dichlorobenzidine	mg/L	0.02	<0.00020	NA	<0.00020	<0.00020
1,3-Dinitrobenzene	mg/L	0.01	<0.00020	NA	<0.00020	<0.00020
2,4-Dinitrotoluene	mg/L	0.01	<0.00020	NA	<0.00020	<0.00020
2,6-Dinitrotoluene	mg/L	0.01	<0.00020	NA	<0.00020	<0.00020
Fluoranthene	mg/L	0.15	<0.00010	NA	<0.00010	<0.00010
Fluorene	mg/L	0.024	<0.00010	NA	<0.00010	<0.00010
Hexachlorobenzene	mg/L	0.001	<0.00020	NA	<0.00020	<0.00020
Hexachlorobutadiene	mg/L	0.00073	<0.00020	NA	<0.00020	<0.00020
Hexachlorocyclopentadiene	mg/L	0.05	<0.00020	NA	<0.00020	<0.00020
Hexachloroethane	mg/L	0.01	<0.00020	NA	<0.00020	<0.00020
Indeno(1,2,3-cd)pyrene	mg/L	0.0037	<0.00010	NA	<0.00010	<0.00010
Isophorone	mg/L	0.07	<0.00020	NA	<0.00020	<0.00020
2-Methylnaphthalene	mg/L	0.00062	<0.00010	NA	0.000043 J	0.000025 J
Naphthalene	mg/L	0.01	<0.00010	NA	0.000091 J	0.000055 J
2-Nitroaniline	mg/L	0.05	<0.00020	NA	<0.00020	<0.00020
3-Nitroaniline	mg/L	0.05	<0.00020	NA	<0.00020	<0.00020
4-Nitroaniline	mg/L	0.05	<0.00020	NA	<0.00020	<0.00020
Nitrobenzene	mg/L	0.0019	<0.00020	NA	<0.00020	<0.00020
N-Nitrosodiphenylamine	mg/L	0.014	<0.00020	NA	<0.00020	<0.00020
N-Nitrosodi-n-propylamine	mg/L	0.01	<0.00020	NA	<0.00020	<0.00020
Phenanthrene	mg/L	0.18	<0.00010	NA	<0.00010	<0.00010
Butyl benzyl phthalate	mg/L	0.73	<0.00020	NA	<0.00020	<0.00020
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00032	NA	0.00025	0.00019 J
Diethyl phthalate	mg/L	2.9	0.00034	NA	0.012	0.0069
Dimethyl phthalate	mg/L	37	<0.00020	NA	<0.00020	<0.00020
Di-n-octyl phthalate	mg/L	0.02	<0.00020	NA	<0.00020	<0.00020

RB1	FB1	TB2	TB3	TB4	TB5
SOVCs					
<0.00010	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00010	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA
0.000069 J	NA	NA	NA	NA	NA
0.000088 J	NA	NA	NA	NA	NA
0.00057	NA	NA	NA	NA	NA
0.00010 J	NA	NA	NA	NA	NA
<0.00020	NA	NA	NA	NA	NA

Table C-1: Groundwater Analytical Summary
New Life Center, Opelousas, LA
LDEQ Agency Interest No. 153702

Analyte	Units	GW_SS	VOCs			
Methyl tert-butyl ether	mg/L	0.02	<0.0010	<0.0010	<0.0010	<0.0010
Styrene	mg/L	0.1	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1,2-Tetrachloroethane	mg/L	0.005	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2,2-Tetrachloroethane	mg/L	0.0005	<0.00100	<0.00100	<0.00100	<0.00100
Tetrachloroethene	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010
Toluene	mg/L	1	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	0.2	<0.00100	<0.00100	<0.00100	<0.00100
1,1,2-Trichloroethane	mg/L	0.005	<0.00100	<0.00100	<0.00100	<0.00100
Trichloroethene	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010
Trichlorofluoromethane	mg/L	0.13	<0.0010	<0.0010	<0.0010	<0.0010
Vinyl chloride	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010
Xylenes, Total	mg/L	10	<0.0010	<0.0010	<0.0010	<0.0010
Analyte	Units	GW_SS	TPH			
Aliphatics >C10 - C12	mg/L	0.15	<0.00100	<0.00100	<0.00100	<0.00100
Aliphatics >C12 - C16	mg/L	0.15	<0.00200	<0.00200	<0.00200	<0.00200
Aliphatics >C16 - C35	mg/L	7.3	<0.00800	<0.00800	<0.00800	<0.00800
Aromatics >C10 - C12	mg/L	0.15	<0.00100	<0.00100	<0.00100	<0.00100
Aromatics >C12 - C16	mg/L	0.15	<0.00400	<0.00400	<0.00400	<0.00400
Aromatics >C16 - C21	mg/L	0.15	<0.00300	<0.00300	<0.00300	<0.00300
Aromatics >C21 - C35	mg/L	0.15	<0.00900	<0.00900	<0.00900	<0.00900
Aliphatics >C6 - C8	mg/L	3.2	<0.0100	<0.0100	<0.0100	<0.0100
Aliphatics >C8 - C10	mg/L	0.15	<0.0100	<0.0100	<0.0100	<0.0100
Aromatics >C8 - C10	mg/L	0.15	<0.0100	<0.0100	<0.0100	<0.0100

VOCs					
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
<0.00100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TPH					
<0.00100	NA	NA	NA	NA	NA
<0.00200	NA	NA	NA	NA	NA
<0.00800	NA	NA	NA	NA	NA
<0.00100	NA	NA	NA	NA	NA
<0.00400	NA	NA	NA	NA	NA
<0.00300	NA	NA	NA	NA	NA
<0.00900	NA	NA	NA	NA	NA
<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100

Notes:

GW_SS - Groundwater Screening Standard (RECAP Table 1, RECAP Guidance Document October 2003)

Bold - Concentration was detected.

Highlighted - COC exceeds the GW_SS

<### - Parameter not detected, detection limit given

TW3A is a duplicate sample of TW3

1,2-dibromo-3-chloropropane was not detected in any soil or groundwater sample. However, the method detection limit (MDL) exceeds the GW_SS. This compound is not expected to be present at elevated concentrations. No other VOC was detected in the soil or groundwater.

Qualifiers:

J - Estimated value



Boring LB3 / Temporary Monitoring Well TW3

PROJECT NUMBER LTBA-002 PROJECT NAME Phase II ESA CLIENT LDEQ ADDRESS 411 East Landry St. Opelousas, LA DRILLING DATE 06/03/2021	DRILLING COMPANY Crescent Geotechnical DRILLING METHOD Direct push DRILLER NUMBER WWC-524 DEPTH WATER ENCOUNTERED (ft) 14 DEPTH TO STATIC WATER LEVEL (ft) 6.05	TYPE OF WELL 0.75" Temporary Monitoring Well TOTAL DEPTH (ft) 16 BOTTOM OF CASING DEPTH (ft) 16 BORING DIAMETER (in) 0.75 COORDINATES 30°31'59.19"N, 92° 4'46.76"W
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▽ Depth to groundwater first encountered	NA / NM Not Applicable / Not Measured	LOGGED BY Michael Stevens P.G.
▽ Depth to static groundwater		CHECKED BY Jennifer Lindquist P.G.

PID	Samples	Recovery (%)	Depth (ft)	Graphic Log	USCS	Material Description	Well Diagram
		100%	0			Top soil with grass and roots.	
0.1			1		CH	Brown to grey fat CLAY, stiff, dry, high plasticity, sparse silt and sand, with orange inclusions.	Open Borehole
			2				
0.1			3				
		100%	4			CL	
0.1			5				
			6			6 feet - becomes damp, soft to medium.	
0.0			7				
	LB3 8-10 6/3/21-0940	60%	8				
0.0			9			9 feet - becomes damp to wet, soft.	
			10				
0.0			11				
		100%	12		CH	Tan fat CLAY, stiff, dry, with grey mottling and orange inclusions.	
0.0			13				
	LB3 14-16 6/3/21-0959		14		CL	Brown lean CLAY with SILT, soft, wet, low plasticity, sticky.	
0.0			15				
			16				
			17				
			18				
			19				

Groundwater Sampling Log

Project Name and Location: New Life Center 411 East Landry St. Opelousas, LA

Client: LDEQ Leaaf Project #: LTBA002 LDEQ AI # 153702

Date: 6/3/21 Personnel Michael Stevens Title: Geologist

WELL INFORMATION

Description of Measuring Point (MP) (circle) top of casing, ground surface, other _____

Height of MP Above/Below Land Surface (ft): ~1.3 MP Elevation (NGVD): -

Depth to Product Below MP (ft): - Water-Level Elevation (NGVD): _____

Depth to Water Below MP (ft): 7.07 Water Column in Well (ft): 10.13

Total Depth of Well Below MP (ft): 17.20 Gallons per Foot 0.026

Diameter of Casing (in.): 0.75 Gallons in Well: 0.26

PURGING INFORMATION

Purging Method: (circle) geopump, bailer Other: _____ 3 Well Volumes calculated (Gal): 0.79

Time	Volume Purged	pH	Temp (°C)	Conductivity (umhos/cm)
<u>1440</u>	<u>~0.5</u>	<u>6.40</u>	<u>24.0</u>	<u>0.45</u>

Time purging started: 1440 Time purging stopped: 1445 Total Gallons Purged: 20 Bailed Dry (Y/N): N

Notes: _____

SAMPLING DATA/FIELD PARAMETERS

Sample Name: W4 TW1 Sample Date: 6/3/21 Time: 1445 Water Level at sampling: -

Sampling Method and Material (circle) disposable bailer, bailer, peristaltic pump, other: _____

Weather Rain 75°F Color Pale Brown Odor NA Turbidity red

Temp (°C) 24.0 pH 6.40 Conductivity (umhos/cm) 0.45

Remarks _____



Monitoring Well # Tw2

Groundwater Sampling Log

Project Name and Location: New Life Center 411 East Landry St. Opelousas, LA

Client: LDEQ Leaaf Project #: LTBA002 LDEQ AI # 153702

Date: 6/3/21 Personnel Michael Stevens Title: Geologist

WELL INFORMATION

Description of Measuring Point (MP) (circle) top of casing, ground surface, other _____

Height of MP Above/Below Land Surface (ft): ~ 3.5 ft MP Elevation (NGVD): _____

Depth to Product Below MP (ft): _____ Water-Level Elevation (NGVD): _____

Depth to Water Below MP (ft): 11.11 Water Column in Well (ft): 2.81

Total Depth of Well Below MP (ft): 13.92 Gallons per Foot 0.026

Diameter of Casing (in.): 0.75 Gallons in Well: 0.07

PURGING INFORMATION

Purging Method: (circle) geopump, bailer Other: _____ 3 Well Volumes calculated (Gal): 0.22

Time	Volume Purged	pH	Temp (°C)	Conductivity (umhos/cm)
<u>1353</u>	<u>~0.1</u>	<u>6.55</u>	<u>27.1</u>	<u>0.84</u>

Time purging started: 1353 Time purging stopped: 1354 Total Gallons Purged: _____ Bailed Dry (Y/N): _____

Notes: _____

SAMPLING DATA/FIELD PARAMETERS

Sample Name: Tw2 Sample Date: 6/3/21 Time: 1400 Water Level at sampling: _____

Sampling Method and Material (circle) disposable bailer, bailer, peristaltic pump, other: _____

Weather clouds 80°F Color White Odor NA Turbidity med

Temp (°C) 27.1 pH 6.55 Conductivity (umhos/cm) 0.84

Remarks _____

Groundwater Sampling Log

Project Name and Location: New Life Center 411 East Landry St. Opelousas, LA

Client: LDEQ Leaaf Project #: LTBA002 LDEQ AI # 153702

Date: 6/3/21 Personnel Michael Stevens Title: Geologist

WELL INFORMATION

Description of Measuring Point (MP) (circle) top of casing, ground surface, other _____

Height of MP Above/Below Land Surface (ft): ~0.8 ft MP Elevation (NGVD): -

~~Depth to Product~~ Below MP (ft): 6.05 Water-Level Elevation (NGVD): _____

Depth to Water Below MP (ft): 16.26 Water Column in Well (ft): 10.21

Total Depth of Well Below MP (ft): _____ Gallons per Foot 0.026

Diameter of Casing (in.): 0.75 Gallons in Well: 0.265

PURGING INFORMATION

Purging Method: (circle) geopump, bailer Other: _____ 3 Well Volumes calculated (Gal): 0.79

Time	Volume Purged	pH	Temp (°C)	Conductivity (umhos/cm)
1245	-	7.12	27.9	0.51
1255	0.5	6.71	26.2	0.49

Time purging started: 1245 Time purging stopped: 1257 Total Gallons Purged: 0.75 Bailed Dry (Y/N): N

Notes: _____

SAMPLING DATA/FIELD PARAMETERS

Sample Name: TW3 Sample Date: 6/3/21 Time: 1300 Water Level at sampling: -

Sampling Method and Material (circle) disposable bailer, bailer, peristaltic pump, other: _____

Weather clouds Color Pale Brown Odor NA Turbidity low

Temp (°C) 26.2 pH 6.71 Conductivity (umhos/cm) 0.49

Remarks Duplicate TW3A collected + MS/MSD



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

July 08, 2021

Michael Stevens
Leaaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Work Order: **HS21060258**

Laboratory Results for: **Opelousas LA TBA**

Dear Michael Stevens ,

ALS Environmental received 23 sample(s) on Jun 04, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DANE.WACASEY

Dane J. Wacasey

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
Work Order: HS21060258

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21060258-01	LB3 8-10	Soil		03-Jun-2021 09:40	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-02	LB3 14-16	Soil		03-Jun-2021 09:59	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-03	LB2 0-2	Soil		03-Jun-2021 10:33	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-04	LB2 8-10	Soil		03-Jun-2021 10:47	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-05	LB2 14-16	Soil		03-Jun-2021 11:04	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-06	LB1 0-2	Soil		03-Jun-2021 11:30	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-07	LB1 12-14	Soil		03-Jun-2021 11:55	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-08	LB1 14-16	Soil		03-Jun-2021 11:57	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-09	LB1A	Soil		03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-10	TW3	Water		03-Jun-2021 13:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-11	TW3A	Water		03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-12	TW2	Water		03-Jun-2021 14:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-13	TW1	Water		03-Jun-2021 14:45	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-14	RB1	Water		03-Jun-2021 12:30	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-15	FB1	Water		03-Jun-2021 12:45	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-16	Trip Blank 2 VOC	Water	CG-051121 -218	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-17	Trip Blank 2 VPH	Water	CG-051121 -220	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-18	Trip Blank 3 VOC	Water	CG-051121 -205	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-19	Trip Blank 3 VPH	Water	CG-051121 -207	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-20	Trip Blank 4 VOC	Water	CG-051121 -160	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-21	Trip Blank 4 VPH	Water	CG-051121 -219	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-22	Trip Blank 5 VOC	Water	CG-051121 -159	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>
HS21060258-23	Trip Blank 5 VPH	Water	CG-051121 -217	03-Jun-2021 00:00	04-Jun-2021 09:50	<input type="checkbox"/>

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
Work Order: HS21060258

CASE NARRATIVE

Work Order Comments

- This report was revised July 8, 2021 in order to adjust analyte lists for VOC and SVOC per client request.

GC Semivolatiles by Method MA EPH

Batch ID: 166631,166742

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GC Volatiles by Method MA VPH

Batch ID: R385095

Sample ID: LB3 8-10 (HS21060258-01)

- One or more surrogate recoveries were above the upper control limits. No target analytes were detected in the sample. The high surrogate recoveries did not impact the non-detect results for target analytes.

Batch ID: R385093,R385195,R385201

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Semivolatiles by Method SW8270

Batch ID: 166754

Sample ID: LB3 14-16 (HS21060258-02MSD)

- The RPD between the MS and MSD was outside of the control limit for select analytes.

Batch ID: 166589

Sample ID: RB1 (HS21060258-14)

- Sample was spiked with surrogates at 2X the normal concentration. Calculations were adjusted accordingly.

Sample ID: TW3 (HS21060258-10MSD)

- The RPD between the MS and MSD was outside of the control limit for select analytes.

GCMS Volatiles by Method SW8260

Batch ID: R385377

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Batch ID: R385449

Sample ID: TW3 (HS21060258-10MSD)

- MSD recovered outside control limits for Chloroethane due to suspect matrix effect.

WetChemistry by Method ASTM D2216

Batch ID: R385301,R385397

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 8-10
 Collection Date: 03-Jun-2021 09:40

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
1,1,1,2-Tetrachloroethane	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,1,1-Trichloroethane	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,1,2,2-Tetrachloroethane	< 0.00067		0.00067	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,1,2-Trichloroethane	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,1-Dichloroethane	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,1-Dichloroethene	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,2-Dibromo-3-chloropropane	< 0.00084		0.00084	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,2-Dichlorobenzene	< 0.00084		0.00084	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,2-Dichloroethane	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,2-Dichloropropane	< 0.00067		0.00067	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,3-Dichlorobenzene	< 0.00084		0.00084	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,4-Dichlorobenzene	< 0.00084		0.00084	0.0042	mg/Kg	1	11-Jun-2021 11:48
2-Butanone	< 0.0011		0.0011	0.0084	mg/Kg	1	11-Jun-2021 11:48
4-Methyl-2-pentanone	< 0.0017		0.0017	0.0084	mg/Kg	1	11-Jun-2021 11:48
Acetone	< 0.0017		0.0017	0.017	mg/Kg	1	11-Jun-2021 11:48
Benzene	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Bromodichloromethane	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Bromoform	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
Bromomethane	< 0.00084		0.00084	0.0084	mg/Kg	1	11-Jun-2021 11:48
Carbon disulfide	< 0.00050		0.00050	0.0084	mg/Kg	1	11-Jun-2021 11:48
Carbon tetrachloride	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
Chlorobenzene	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
Chloroethane	< 0.00067		0.00067	0.0084	mg/Kg	1	11-Jun-2021 11:48
Chloroform	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Chloromethane	< 0.00042		0.00042	0.0084	mg/Kg	1	11-Jun-2021 11:48
cis-1,2-Dichloroethene	< 0.00067		0.00067	0.0042	mg/Kg	1	11-Jun-2021 11:48
cis-1,3-Dichloropropene	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Dibromochloromethane	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Ethylbenzene	< 0.00059		0.00059	0.0042	mg/Kg	1	11-Jun-2021 11:48
m,p-Xylene	< 0.0013		0.0013	0.0084	mg/Kg	1	11-Jun-2021 11:48
Methyl tert-butyl ether	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Methylene chloride	< 0.00084		0.00084	0.0084	mg/Kg	1	11-Jun-2021 11:48
o-Xylene	< 0.00084		0.00084	0.0042	mg/Kg	1	11-Jun-2021 11:48
Styrene	< 0.00059		0.00059	0.0042	mg/Kg	1	11-Jun-2021 11:48
Tetrachloroethene	< 0.00059		0.00059	0.0042	mg/Kg	1	11-Jun-2021 11:48
Toluene	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
trans-1,2-Dichloroethene	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
trans-1,3-Dichloropropene	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48
Trichloroethene	< 0.00050		0.00050	0.0042	mg/Kg	1	11-Jun-2021 11:48

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 8-10
 Collection Date: 03-Jun-2021 09:40

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Vinyl chloride	< 0.00067		0.00067	0.0017	mg/Kg	1	11-Jun-2021 11:48
Xylenes, Total	< 0.00084		0.00084	0.0042	mg/Kg	1	11-Jun-2021 11:48
1,2-Dichloroethene, Total	< 0.00042		0.00042	0.0042	mg/Kg	1	11-Jun-2021 11:48
Surr: 1,2-Dichloroethane-d4	104			70-126	%REC	1	11-Jun-2021 11:48
Surr: 4-Bromofluorobenzene	95.2			70-130	%REC	1	11-Jun-2021 11:48
Surr: Dibromofluoromethane	103			70-130	%REC	1	11-Jun-2021 11:48
Surr: Toluene-d8	100			70-130	%REC	1	11-Jun-2021 11:48
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.455		0.455	0.455	mg/Kg	50	05-Jun-2021 02:27
Aliphatics >C8 - C10	< 0.455		0.455	0.455	mg/Kg	50	05-Jun-2021 02:27
Aromatics >C8 - C10	< 0.455		0.455	0.455	mg/Kg	50	05-Jun-2021 02:27
Surr: 2,5-Dibromotoluene (Aliphatic)	123			70-130	%REC	50	05-Jun-2021 02:27
Surr: 2,5-Dibromotoluene (Aromatic)	132	S		70-130	%REC	50	05-Jun-2021 02:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 8-10
 Collection Date: 03-Jun-2021 09:40

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 15:06
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 15:06
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,4-Dichlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,4-Dimethylphenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 15:06
2,4-Dinitrotoluene	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 15:06
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 15:06
2-Chloronaphthalene	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 15:06
2-Chlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 15:06
2-Methylnaphthalene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 15:06
2-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 15:06
2-Nitrophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 15:06
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 15:06
3-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 15:06
4-Chloroaniline	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 15:06
4-Nitroaniline	< 0.0022		0.0022	0.0066	mg/Kg	1	11-Jun-2021 15:06
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 15:06
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 15:06
Acenaphthylene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 15:06
Aniline	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 15:06
Anthracene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 15:06
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 15:06
Benzo(a)pyrene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 15:06
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 15:06
Benzo(k)fluoranthene	< 0.00089		0.00089	0.0033	mg/Kg	1	11-Jun-2021 15:06
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 15:06
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 15:06
Bis(2-ethylhexyl)phthalate	0.0051	J	0.0017	0.0066	mg/Kg	1	11-Jun-2021 15:06
Butyl benzyl phthalate	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 15:06
Chrysene	0.0011	J	0.00080	0.0033	mg/Kg	1	11-Jun-2021 15:06
Di-n-octyl phthalate	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 15:06
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 15:06
Dibenzofuran	< 0.00070		0.00070	0.0033	mg/Kg	1	11-Jun-2021 15:06
Diethyl phthalate	< 0.00099		0.00099	0.0066	mg/Kg	1	11-Jun-2021 15:06
Dimethyl phthalate	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 15:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 8-10
 Collection Date: 03-Jun-2021 09:40

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
Fluoranthene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 15:06
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 15:06
Hexachlorobenzene	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 15:06
Hexachlorobutadiene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 15:06
Hexachlorocyclopentadiene	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 15:06
Hexachloroethane	< 0.0015		0.0015	0.0066	mg/Kg	1	11-Jun-2021 15:06
Indeno(1,2,3-cd)pyrene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 15:06
Isophorone	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 15:06
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 15:06
N-Nitrosodiphenylamine	< 0.00070		0.00070	0.0066	mg/Kg	1	11-Jun-2021 15:06
Naphthalene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 15:06
Nitrobenzene	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 15:06
Pentachlorophenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 15:06
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 15:06
Phenol	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 15:06
Pyrene	0.00089	J	0.00060	0.0033	mg/Kg	1	11-Jun-2021 15:06
<i>Surr: 2,4,6-Tribromophenol</i>	<i>82.3</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 15:06</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>83.9</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 15:06</i>
<i>Surr: 2-Fluorophenol</i>	<i>74.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 15:06</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>91.6</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 15:06</i>
<i>Surr: Nitrobenzene-d5</i>	<i>86.0</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 15:06</i>
<i>Surr: Phenol-d6</i>	<i>73.2</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 15:06</i>
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3546 / 08-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 2.43		2.43	2.43	mg/Kg	1	14-Jun-2021 17:41
Aliphatics >C12 - C16	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 17:41
Aliphatics >C16 - C35	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 17:41
Aromatics >C10 - C12	< 2.43		2.43	2.43	mg/Kg	1	14-Jun-2021 17:41
Aromatics >C12 - C16	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 17:41
Aromatics >C16 - C21	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 17:41
Aromatics >C21 - C35	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 17:41
<i>Surr: 1-Chlorooctadecane</i>	<i>56.7</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 17:41</i>
<i>Surr: 2-Bromonaphthalene</i>	<i>94.3</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 17:41</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>74.1</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 17:41</i>
<i>Surr: o-Terphenyl</i>	<i>70.8</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 17:41</i>
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: JW	
Percent Moisture	25.1		0.0100	0.0100	wt%	1	09-Jun-2021 16:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 14-16
 Collection Date: 03-Jun-2021 09:59

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
1,1,1,2-Tetrachloroethane	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,1,1-Trichloroethane	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,1,2,2-Tetrachloroethane	< 0.00069		0.00069	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,1,2-Trichloroethane	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,1-Dichloroethane	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,1-Dichloroethene	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,2-Dibromo-3-chloropropane	< 0.00086		0.00086	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,2-Dichlorobenzene	< 0.00086		0.00086	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,2-Dichloroethane	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,2-Dichloropropane	< 0.00069		0.00069	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,3-Dichlorobenzene	< 0.00086		0.00086	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,4-Dichlorobenzene	< 0.00086		0.00086	0.0043	mg/Kg	1	11-Jun-2021 10:17
2-Butanone	< 0.0011		0.0011	0.0086	mg/Kg	1	11-Jun-2021 10:17
4-Methyl-2-pentanone	< 0.0017		0.0017	0.0086	mg/Kg	1	11-Jun-2021 10:17
Acetone	< 0.0017		0.0017	0.017	mg/Kg	1	11-Jun-2021 10:17
Benzene	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Bromodichloromethane	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Bromoform	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
Bromomethane	< 0.00086		0.00086	0.0086	mg/Kg	1	11-Jun-2021 10:17
Carbon disulfide	< 0.00052		0.00052	0.0086	mg/Kg	1	11-Jun-2021 10:17
Carbon tetrachloride	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
Chlorobenzene	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
Chloroethane	< 0.00069		0.00069	0.0086	mg/Kg	1	11-Jun-2021 10:17
Chloroform	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Chloromethane	< 0.00043		0.00043	0.0086	mg/Kg	1	11-Jun-2021 10:17
cis-1,2-Dichloroethene	< 0.00069		0.00069	0.0043	mg/Kg	1	11-Jun-2021 10:17
cis-1,3-Dichloropropene	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Dibromochloromethane	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Ethylbenzene	< 0.00060		0.00060	0.0043	mg/Kg	1	11-Jun-2021 10:17
m,p-Xylene	< 0.0014		0.0014	0.0086	mg/Kg	1	11-Jun-2021 10:17
Methyl tert-butyl ether	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Methylene chloride	< 0.00086		0.00086	0.0086	mg/Kg	1	11-Jun-2021 10:17
o-Xylene	< 0.00086		0.00086	0.0043	mg/Kg	1	11-Jun-2021 10:17
Styrene	< 0.00060		0.00060	0.0043	mg/Kg	1	11-Jun-2021 10:17
Tetrachloroethene	< 0.00060		0.00060	0.0043	mg/Kg	1	11-Jun-2021 10:17
Toluene	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
trans-1,2-Dichloroethene	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
trans-1,3-Dichloropropene	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17
Trichloroethene	< 0.00052		0.00052	0.0043	mg/Kg	1	11-Jun-2021 10:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 14-16
 Collection Date: 03-Jun-2021 09:59

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Vinyl chloride	< 0.00069		0.00069	0.0017	mg/Kg	1	11-Jun-2021 10:17
Xylenes, Total	< 0.00086		0.00086	0.0043	mg/Kg	1	11-Jun-2021 10:17
1,2-Dichloroethene, Total	< 0.00043		0.00043	0.0043	mg/Kg	1	11-Jun-2021 10:17
Surr: 1,2-Dichloroethane-d4	105			70-126	%REC	1	11-Jun-2021 10:17
Surr: 4-Bromofluorobenzene	96.2			70-130	%REC	1	11-Jun-2021 10:17
Surr: Dibromofluoromethane	105			70-130	%REC	1	11-Jun-2021 10:17
Surr: Toluene-d8	101			70-130	%REC	1	11-Jun-2021 10:17
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.515		0.515	0.515	mg/Kg	50	05-Jun-2021 02:55
Aliphatics >C8 - C10	< 0.515		0.515	0.515	mg/Kg	50	05-Jun-2021 02:55
Aromatics >C8 - C10	< 0.515		0.515	0.515	mg/Kg	50	05-Jun-2021 02:55
Surr: 2,5-Dibromotoluene (Aliphatic)	121			70-130	%REC	50	05-Jun-2021 02:55
Surr: 2,5-Dibromotoluene (Aromatic)	117			70-130	%REC	50	05-Jun-2021 02:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 14-16
 Collection Date: 03-Jun-2021 09:59

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 16:43
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 16:43
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,4-Dichlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,4-Dimethylphenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 16:43
2,4-Dinitrotoluene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 16:43
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 16:43
2-Chloronaphthalene	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 16:43
2-Chlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 16:43
2-Methylnaphthalene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 16:43
2-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 16:43
2-Nitrophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 16:43
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 16:43
3-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 16:43
4-Chloroaniline	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 16:43
4-Nitroaniline	< 0.0022		0.0022	0.0066	mg/Kg	1	11-Jun-2021 16:43
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 16:43
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 16:43
Acenaphthylene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 16:43
Aniline	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 16:43
Anthracene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 16:43
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 16:43
Benzo(a)pyrene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 16:43
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 16:43
Benzo(k)fluoranthene	< 0.00090		0.00090	0.0033	mg/Kg	1	11-Jun-2021 16:43
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 16:43
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 16:43
Bis(2-ethylhexyl)phthalate	0.0046	J	0.0017	0.0066	mg/Kg	1	11-Jun-2021 16:43
Butyl benzyl phthalate	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 16:43
Chrysene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 16:43
Di-n-octyl phthalate	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 16:43
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 16:43
Dibenzofuran	< 0.00070		0.00070	0.0033	mg/Kg	1	11-Jun-2021 16:43
Diethyl phthalate	< 0.0010		0.0010	0.0066	mg/Kg	1	11-Jun-2021 16:43
Dimethyl phthalate	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 16:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB3 14-16
 Collection Date: 03-Jun-2021 09:59

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
Fluoranthene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 16:43
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 16:43
Hexachlorobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 16:43
Hexachlorobutadiene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 16:43
Hexachlorocyclopentadiene	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 16:43
Hexachloroethane	< 0.0015		0.0015	0.0066	mg/Kg	1	11-Jun-2021 16:43
Indeno(1,2,3-cd)pyrene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 16:43
Isophorone	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 16:43
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 16:43
N-Nitrosodiphenylamine	< 0.00070		0.00070	0.0066	mg/Kg	1	11-Jun-2021 16:43
Naphthalene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 16:43
Nitrobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 16:43
Pentachlorophenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 16:43
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 16:43
Phenol	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 16:43
Pyrene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 16:43
<i>Surr: 2,4,6-Tribromophenol</i>	<i>81.0</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 16:43</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>83.0</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 16:43</i>
<i>Surr: 2-Fluorophenol</i>	<i>72.7</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 16:43</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>93.5</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 16:43</i>
<i>Surr: Nitrobenzene-d5</i>	<i>75.5</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 16:43</i>
<i>Surr: Phenol-d6</i>	<i>69.0</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 16:43</i>
MASSACHUSETTS EPH		Method:MA EPH			Prep:SW3546 / 08-Jun-2021		Analyst: PPM
Aliphatics >C10 - C12	< 2.46		2.46	2.46	mg/Kg	1	10-Jun-2021 07:28
Aliphatics >C12 - C16	< 4.91		4.91	4.91	mg/Kg	1	10-Jun-2021 07:28
Aliphatics >C16 - C35	< 4.91		4.91	4.91	mg/Kg	1	10-Jun-2021 07:28
Aromatics >C10 - C12	< 2.46		2.46	2.46	mg/Kg	1	10-Jun-2021 07:28
Aromatics >C12 - C16	< 4.91		4.91	4.91	mg/Kg	1	10-Jun-2021 07:28
Aromatics >C16 - C21	< 4.91		4.91	4.91	mg/Kg	1	10-Jun-2021 07:28
Aromatics >C21 - C35	< 4.91		4.91	4.91	mg/Kg	1	10-Jun-2021 07:28
<i>Surr: 1-Chlorooctadecane</i>	<i>69.5</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>10-Jun-2021 07:28</i>
<i>Surr: 2-Bromonaphthalene</i>	<i>55.2</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>10-Jun-2021 07:28</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>47.8</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>10-Jun-2021 07:28</i>
<i>Surr: o-Terphenyl</i>	<i>56.0</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>10-Jun-2021 07:28</i>
MOISTURE - ASTM D2216		Method:ASTM D2216					Analyst: JW
Percent Moisture	24.9		0.0100	0.0100	wt%	1	09-Jun-2021 16:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 0-2
 Collection Date: 03-Jun-2021 10:33

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR			
1,1,1,2-Tetrachloroethane	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,1,1-Trichloroethane	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,1,2,2-Tetrachloroethane	< 0.00074		0.00074	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,1,2-Trichloroethane	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,1-Dichloroethane	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,1-Dichloroethene	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,2-Dibromo-3-chloropropane	< 0.00093		0.00093	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,2-Dichlorobenzene	< 0.00093		0.00093	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,2-Dichloroethane	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,2-Dichloropropane	< 0.00074		0.00074	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,3-Dichlorobenzene	< 0.00093		0.00093	0.0046	mg/Kg	1	11-Jun-2021 12:11	
1,4-Dichlorobenzene	< 0.00093		0.00093	0.0046	mg/Kg	1	11-Jun-2021 12:11	
2-Butanone	< 0.0012		0.0012	0.0093	mg/Kg	1	11-Jun-2021 12:11	
4-Methyl-2-pentanone	< 0.0019		0.0019	0.0093	mg/Kg	1	11-Jun-2021 12:11	
Acetone	< 0.0019		0.0019	0.019	mg/Kg	1	11-Jun-2021 12:11	
Benzene	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Bromodichloromethane	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Bromoform	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Bromomethane	< 0.00093		0.00093	0.0093	mg/Kg	1	11-Jun-2021 12:11	
Carbon disulfide	< 0.00056		0.00056	0.0093	mg/Kg	1	11-Jun-2021 12:11	
Carbon tetrachloride	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Chlorobenzene	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Chloroethane	< 0.00074		0.00074	0.0093	mg/Kg	1	11-Jun-2021 12:11	
Chloroform	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Chloromethane	< 0.00046		0.00046	0.0093	mg/Kg	1	11-Jun-2021 12:11	
cis-1,2-Dichloroethene	< 0.00074		0.00074	0.0046	mg/Kg	1	11-Jun-2021 12:11	
cis-1,3-Dichloropropene	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Dibromochloromethane	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Ethylbenzene	< 0.00065		0.00065	0.0046	mg/Kg	1	11-Jun-2021 12:11	
m,p-Xylene	< 0.0015		0.0015	0.0093	mg/Kg	1	11-Jun-2021 12:11	
Methyl tert-butyl ether	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Methylene chloride	< 0.00093		0.00093	0.0093	mg/Kg	1	11-Jun-2021 12:11	
o-Xylene	< 0.00093		0.00093	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Styrene	< 0.00065		0.00065	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Tetrachloroethene	< 0.00065		0.00065	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Toluene	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
trans-1,2-Dichloroethene	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11	
trans-1,3-Dichloropropene	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	
Trichloroethene	< 0.00056		0.00056	0.0046	mg/Kg	1	11-Jun-2021 12:11	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 0-2
 Collection Date: 03-Jun-2021 10:33

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11
Vinyl chloride	< 0.00074		0.00074	0.0019	mg/Kg	1	11-Jun-2021 12:11
Xylenes, Total	< 0.00093		0.00093	0.0046	mg/Kg	1	11-Jun-2021 12:11
1,2-Dichloroethene, Total	< 0.00046		0.00046	0.0046	mg/Kg	1	11-Jun-2021 12:11
Surr: 1,2-Dichloroethane-d4	105			70-126	%REC	1	11-Jun-2021 12:11
Surr: 4-Bromofluorobenzene	94.4			70-130	%REC	1	11-Jun-2021 12:11
Surr: Dibromofluoromethane	103			70-130	%REC	1	11-Jun-2021 12:11
Surr: Toluene-d8	99.8			70-130	%REC	1	11-Jun-2021 12:11
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.465		0.465	0.465	mg/Kg	50	05-Jun-2021 04:19
Aliphatics >C8 - C10	< 0.465		0.465	0.465	mg/Kg	50	05-Jun-2021 04:19
Aromatics >C8 - C10	< 0.465		0.465	0.465	mg/Kg	50	05-Jun-2021 04:19
Surr: 2,5-Dibromotoluene (Aliphatic)	123			70-130	%REC	50	05-Jun-2021 04:19
Surr: 2,5-Dibromotoluene (Aromatic)	124			70-130	%REC	50	05-Jun-2021 04:19

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 0-2
 Collection Date: 03-Jun-2021 10:33

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
1,1'-Biphenyl	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 11:53
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 11:53
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,4-Dichlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,4-Dimethylphenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 11:53
2,4-Dinitrotoluene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 11:53
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 11:53
2-Chloronaphthalene	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 11:53
2-Chlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 11:53
2-Methylnaphthalene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 11:53
2-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 11:53
2-Nitrophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 11:53
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 11:53
3-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 11:53
4-Chloroaniline	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 11:53
4-Nitroaniline	< 0.0022		0.0022	0.0066	mg/Kg	1	11-Jun-2021 11:53
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 11:53
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 11:53
Acenaphthylene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 11:53
Aniline	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 11:53
Anthracene	0.0011	J	0.00050	0.0033	mg/Kg	1	11-Jun-2021 11:53
Benz(a)anthracene	0.0085		0.0016	0.0033	mg/Kg	1	11-Jun-2021 11:53
Benzo(a)pyrene	0.010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 11:53
Benzo(b)fluoranthene	0.011		0.0012	0.0033	mg/Kg	1	11-Jun-2021 11:53
Benzo(k)fluoranthene	0.0072		0.00090	0.0033	mg/Kg	1	11-Jun-2021 11:53
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 11:53
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 11:53
Bis(2-ethylhexyl)phthalate	0.016		0.0017	0.0066	mg/Kg	1	11-Jun-2021 11:53
Butyl benzyl phthalate	0.0020	J	0.0013	0.0066	mg/Kg	1	11-Jun-2021 11:53
Chrysene	0.012		0.00080	0.0033	mg/Kg	1	11-Jun-2021 11:53
Di-n-octyl phthalate	0.0021	J	0.00090	0.0066	mg/Kg	1	11-Jun-2021 11:53
Dibenz(a,h)anthracene	0.0024	J	0.0016	0.0033	mg/Kg	1	11-Jun-2021 11:53
Dibenzofuran	< 0.00070		0.00070	0.0033	mg/Kg	1	11-Jun-2021 11:53
Diethyl phthalate	< 0.0010		0.0010	0.0066	mg/Kg	1	11-Jun-2021 11:53
Dimethyl phthalate	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 11:53

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 0-2
 Collection Date: 03-Jun-2021 10:33

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
Fluoranthene	0.020		0.0011	0.0033	mg/Kg	1	11-Jun-2021 11:53
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 11:53
Hexachlorobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 11:53
Hexachlorobutadiene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 11:53
Hexachlorocyclopentadiene	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 11:53
Hexachloroethane	< 0.0015		0.0015	0.0066	mg/Kg	1	11-Jun-2021 11:53
Indeno(1,2,3-cd)pyrene	0.0059		0.00080	0.0033	mg/Kg	1	11-Jun-2021 11:53
Isophorone	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 11:53
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 11:53
N-Nitrosodiphenylamine	< 0.00070		0.00070	0.0066	mg/Kg	1	11-Jun-2021 11:53
Naphthalene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 11:53
Nitrobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 11:53
Pentachlorophenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 11:53
Phenanthrene	0.0095		0.0015	0.0033	mg/Kg	1	11-Jun-2021 11:53
Phenol	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 11:53
Pyrene	0.017		0.00060	0.0033	mg/Kg	1	11-Jun-2021 11:53
<i>Surr: 2,4,6-Tribromophenol</i>	79.1			36-126	%REC	1	11-Jun-2021 11:53
<i>Surr: 2-Fluorobiphenyl</i>	75.2			43-125	%REC	1	11-Jun-2021 11:53
<i>Surr: 2-Fluorophenol</i>	60.4			37-125	%REC	1	11-Jun-2021 11:53
<i>Surr: 4-Terphenyl-d14</i>	79.2			32-125	%REC	1	11-Jun-2021 11:53
<i>Surr: Nitrobenzene-d5</i>	68.1			37-125	%REC	1	11-Jun-2021 11:53
<i>Surr: Phenol-d6</i>	61.9			40-125	%REC	1	11-Jun-2021 11:53
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3546 / 08-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 2.47		2.47	2.47	mg/Kg	1	14-Jun-2021 18:13
Aliphatics >C12 - C16	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:13
Aliphatics >C16 - C35	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:13
Aromatics >C10 - C12	< 2.47		2.47	2.47	mg/Kg	1	14-Jun-2021 18:13
Aromatics >C12 - C16	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:13
Aromatics >C16 - C21	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:13
Aromatics >C21 - C35	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:13
<i>Surr: 1-Chlorooctadecane</i>	55.5			40-140	%REC	1	14-Jun-2021 18:13
<i>Surr: 2-Bromonaphthalene</i>	100			40-140	%REC	1	14-Jun-2021 18:13
<i>Surr: 2-Fluorobiphenyl</i>	76.4			40-140	%REC	1	14-Jun-2021 18:13
<i>Surr: o-Terphenyl</i>	71.7			40-140	%REC	1	14-Jun-2021 18:13
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: JW	
Percent Moisture	20.3		0.0100	0.0100	wt%	1	09-Jun-2021 16:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 8-10
 Collection Date: 03-Jun-2021 10:47

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR			
1,1,1,2-Tetrachloroethane	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,1,1-Trichloroethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,1,2,2-Tetrachloroethane	< 0.00084		0.00084	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,1,2-Trichloroethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,1-Dichloroethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,1-Dichloroethene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,2-Dichlorobenzene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,2-Dichloroethane	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,2-Dichloropropane	< 0.00084		0.00084	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,3-Dichlorobenzene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 12:34	
1,4-Dichlorobenzene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 12:34	
2-Butanone	< 0.0014		0.0014	0.010	mg/Kg	1	11-Jun-2021 12:34	
4-Methyl-2-pentanone	< 0.0021		0.0021	0.010	mg/Kg	1	11-Jun-2021 12:34	
Acetone	< 0.0021		0.0021	0.021	mg/Kg	1	11-Jun-2021 12:34	
Benzene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Bromodichloromethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Bromoform	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Bromomethane	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 12:34	
Carbon disulfide	< 0.00063		0.00063	0.010	mg/Kg	1	11-Jun-2021 12:34	
Carbon tetrachloride	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Chlorobenzene	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Chloroethane	< 0.00084		0.00084	0.010	mg/Kg	1	11-Jun-2021 12:34	
Chloroform	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Chloromethane	< 0.00052		0.00052	0.010	mg/Kg	1	11-Jun-2021 12:34	
cis-1,2-Dichloroethene	< 0.00084		0.00084	0.0052	mg/Kg	1	11-Jun-2021 12:34	
cis-1,3-Dichloropropene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Dibromochloromethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Ethylbenzene	< 0.00074		0.00074	0.0052	mg/Kg	1	11-Jun-2021 12:34	
m,p-Xylene	< 0.0017		0.0017	0.010	mg/Kg	1	11-Jun-2021 12:34	
Methyl tert-butyl ether	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Methylene chloride	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 12:34	
o-Xylene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Styrene	< 0.00074		0.00074	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Tetrachloroethene	< 0.00074		0.00074	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Toluene	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
trans-1,2-Dichloroethene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34	
trans-1,3-Dichloropropene	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	
Trichloroethene	< 0.00063		0.00063	0.0052	mg/Kg	1	11-Jun-2021 12:34	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 8-10
 Collection Date: 03-Jun-2021 10:47

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34
Vinyl chloride	< 0.00084		0.00084	0.0021	mg/Kg	1	11-Jun-2021 12:34
Xylenes, Total	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 12:34
1,2-Dichloroethene, Total	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 12:34
Surr: 1,2-Dichloroethane-d4	105			70-126	%REC	1	11-Jun-2021 12:34
Surr: 4-Bromofluorobenzene	95.9			70-130	%REC	1	11-Jun-2021 12:34
Surr: Dibromofluoromethane	102			70-130	%REC	1	11-Jun-2021 12:34
Surr: Toluene-d8	98.7			70-130	%REC	1	11-Jun-2021 12:34
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.440		0.440	0.440	mg/Kg	50	05-Jun-2021 04:47
Aliphatics >C8 - C10	< 0.440		0.440	0.440	mg/Kg	50	05-Jun-2021 04:47
Aromatics >C8 - C10	< 0.440		0.440	0.440	mg/Kg	50	05-Jun-2021 04:47
Surr: 2,5-Dibromotoluene (Aliphatic)	122			70-130	%REC	50	05-Jun-2021 04:47
Surr: 2,5-Dibromotoluene (Aromatic)	125			70-130	%REC	50	05-Jun-2021 04:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 8-10
 Collection Date: 03-Jun-2021 10:47

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
1,1'-Biphenyl	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 12:12
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 12:12
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,4-Dichlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,4-Dimethylphenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 12:12
2,4-Dinitrotoluene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:12
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 12:12
2-Chloronaphthalene	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:12
2-Chlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:12
2-Methylnaphthalene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 12:12
2-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 12:12
2-Nitrophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 12:12
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 12:12
3-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 12:12
4-Chloroaniline	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:12
4-Nitroaniline	< 0.0022		0.0022	0.0066	mg/Kg	1	11-Jun-2021 12:12
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 12:12
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 12:12
Acenaphthylene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 12:12
Aniline	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 12:12
Anthracene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 12:12
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 12:12
Benzo(a)pyrene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 12:12
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 12:12
Benzo(k)fluoranthene	< 0.00090		0.00090	0.0033	mg/Kg	1	11-Jun-2021 12:12
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:12
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 12:12
Bis(2-ethylhexyl)phthalate	0.0053	J	0.0017	0.0066	mg/Kg	1	11-Jun-2021 12:12
Butyl benzyl phthalate	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:12
Chrysene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 12:12
Di-n-octyl phthalate	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:12
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 12:12
Dibenzofuran	< 0.00070		0.00070	0.0033	mg/Kg	1	11-Jun-2021 12:12
Diethyl phthalate	< 0.0010		0.0010	0.0066	mg/Kg	1	11-Jun-2021 12:12
Dimethyl phthalate	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 12:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 8-10
 Collection Date: 03-Jun-2021 10:47

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
Fluoranthene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 12:12
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 12:12
Hexachlorobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:12
Hexachlorobutadiene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 12:12
Hexachlorocyclopentadiene	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 12:12
Hexachloroethane	< 0.0015		0.0015	0.0066	mg/Kg	1	11-Jun-2021 12:12
Indeno(1,2,3-cd)pyrene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 12:12
Isophorone	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 12:12
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:12
N-Nitrosodiphenylamine	< 0.00070		0.00070	0.0066	mg/Kg	1	11-Jun-2021 12:12
Naphthalene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 12:12
Nitrobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:12
Pentachlorophenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 12:12
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 12:12
Phenol	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:12
Pyrene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 12:12
<i>Surr: 2,4,6-Tribromophenol</i>	76.0			36-126	%REC	1	11-Jun-2021 12:12
<i>Surr: 2-Fluorobiphenyl</i>	80.5			43-125	%REC	1	11-Jun-2021 12:12
<i>Surr: 2-Fluorophenol</i>	71.5			37-125	%REC	1	11-Jun-2021 12:12
<i>Surr: 4-Terphenyl-d14</i>	90.4			32-125	%REC	1	11-Jun-2021 12:12
<i>Surr: Nitrobenzene-d5</i>	75.9			37-125	%REC	1	11-Jun-2021 12:12
<i>Surr: Phenol-d6</i>	75.1			40-125	%REC	1	11-Jun-2021 12:12
MASSACHUSETTS EPH		Method:MA EPH			Prep:SW3546 / 08-Jun-2021		Analyst: PPM
Aliphatics >C10 - C12	< 2.48		2.48	2.48	mg/Kg	1	14-Jun-2021 18:45
Aliphatics >C12 - C16	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:45
Aliphatics >C16 - C35	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:45
Aromatics >C10 - C12	< 2.48		2.48	2.48	mg/Kg	1	14-Jun-2021 18:45
Aromatics >C12 - C16	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:45
Aromatics >C16 - C21	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:45
Aromatics >C21 - C35	< 4.95		4.95	4.95	mg/Kg	1	14-Jun-2021 18:45
<i>Surr: 1-Chlorooctadecane</i>	56.6			40-140	%REC	1	14-Jun-2021 18:45
<i>Surr: 2-Bromonaphthalene</i>	106			40-140	%REC	1	14-Jun-2021 18:45
<i>Surr: 2-Fluorobiphenyl</i>	82.8			40-140	%REC	1	14-Jun-2021 18:45
<i>Surr: o-Terphenyl</i>	87.6			40-140	%REC	1	14-Jun-2021 18:45
MOISTURE - ASTM D2216		Method:ASTM D2216					Analyst: JW
Percent Moisture	26.3		0.0100	0.0100	wt%	1	09-Jun-2021 16:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 14-16
 Collection Date: 03-Jun-2021 11:04

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
1,1,1,2-Tetrachloroethane	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,1,1-Trichloroethane	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,1,2,2-Tetrachloroethane	< 0.00081		0.00081	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,1,2-Trichloroethane	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,1-Dichloroethane	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,1-Dichloroethene	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,2-Dichlorobenzene	< 0.0010		0.0010	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,2-Dichloroethane	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,2-Dichloropropane	< 0.00081		0.00081	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,3-Dichlorobenzene	< 0.0010		0.0010	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,4-Dichlorobenzene	< 0.0010		0.0010	0.0050	mg/Kg	1	11-Jun-2021 12:57
2-Butanone	< 0.0013		0.0013	0.010	mg/Kg	1	11-Jun-2021 12:57
4-Methyl-2-pentanone	< 0.0020		0.0020	0.010	mg/Kg	1	11-Jun-2021 12:57
Acetone	< 0.0020		0.0020	0.020	mg/Kg	1	11-Jun-2021 12:57
Benzene	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Bromodichloromethane	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Bromoform	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
Bromomethane	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 12:57
Carbon disulfide	< 0.00061		0.00061	0.010	mg/Kg	1	11-Jun-2021 12:57
Carbon tetrachloride	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
Chlorobenzene	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
Chloroethane	< 0.00081		0.00081	0.010	mg/Kg	1	11-Jun-2021 12:57
Chloroform	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Chloromethane	< 0.00050		0.00050	0.010	mg/Kg	1	11-Jun-2021 12:57
cis-1,2-Dichloroethene	< 0.00081		0.00081	0.0050	mg/Kg	1	11-Jun-2021 12:57
cis-1,3-Dichloropropene	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Dibromochloromethane	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Ethylbenzene	< 0.00071		0.00071	0.0050	mg/Kg	1	11-Jun-2021 12:57
m,p-Xylene	< 0.0016		0.0016	0.010	mg/Kg	1	11-Jun-2021 12:57
Methyl tert-butyl ether	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Methylene chloride	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 12:57
o-Xylene	< 0.0010		0.0010	0.0050	mg/Kg	1	11-Jun-2021 12:57
Styrene	< 0.00071		0.00071	0.0050	mg/Kg	1	11-Jun-2021 12:57
Tetrachloroethene	< 0.00071		0.00071	0.0050	mg/Kg	1	11-Jun-2021 12:57
Toluene	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
trans-1,2-Dichloroethene	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
trans-1,3-Dichloropropene	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57
Trichloroethene	< 0.00061		0.00061	0.0050	mg/Kg	1	11-Jun-2021 12:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 14-16
 Collection Date: 03-Jun-2021 11:04

ANALYTICAL REPORT

WorkOrder:HS21060258
 Lab ID:HS21060258-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Vinyl chloride	< 0.00081		0.00081	0.0020	mg/Kg	1	11-Jun-2021 12:57
Xylenes, Total	< 0.0010		0.0010	0.0050	mg/Kg	1	11-Jun-2021 12:57
1,2-Dichloroethene, Total	< 0.00050		0.00050	0.0050	mg/Kg	1	11-Jun-2021 12:57
Surr: 1,2-Dichloroethane-d4	113			70-126	%REC	1	11-Jun-2021 12:57
Surr: 4-Bromofluorobenzene	95.3			70-130	%REC	1	11-Jun-2021 12:57
Surr: Dibromofluoromethane	105			70-130	%REC	1	11-Jun-2021 12:57
Surr: Toluene-d8	98.3			70-130	%REC	1	11-Jun-2021 12:57
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.535		0.535	0.535	mg/Kg	50	05-Jun-2021 05:15
Aliphatics >C8 - C10	< 0.535		0.535	0.535	mg/Kg	50	05-Jun-2021 05:15
Aromatics >C8 - C10	< 0.535		0.535	0.535	mg/Kg	50	05-Jun-2021 05:15
Surr: 2,5-Dibromotoluene (Aliphatic)	124			70-130	%REC	50	05-Jun-2021 05:15
Surr: 2,5-Dibromotoluene (Aromatic)	122			70-130	%REC	50	05-Jun-2021 05:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 14-16
 Collection Date: 03-Jun-2021 11:04

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
1,1'-Biphenyl	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 12:31
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 12:31
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,4-Dichlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,4-Dimethylphenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 12:31
2,4-Dinitrotoluene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:31
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 12:31
2-Chloronaphthalene	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:31
2-Chlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:31
2-Methylnaphthalene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 12:31
2-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 12:31
2-Nitrophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 12:31
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 12:31
3-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 12:31
4-Chloroaniline	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:31
4-Nitroaniline	< 0.0022		0.0022	0.0066	mg/Kg	1	11-Jun-2021 12:31
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 12:31
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 12:31
Acenaphthylene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 12:31
Aniline	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 12:31
Anthracene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 12:31
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 12:31
Benzo(a)pyrene	< 0.0010		0.0010	0.0033	mg/Kg	1	11-Jun-2021 12:31
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 12:31
Benzo(k)fluoranthene	< 0.00090		0.00090	0.0033	mg/Kg	1	11-Jun-2021 12:31
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:31
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 12:31
Bis(2-ethylhexyl)phthalate	0.0052	J	0.0017	0.0066	mg/Kg	1	11-Jun-2021 12:31
Butyl benzyl phthalate	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 12:31
Chrysene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 12:31
Di-n-octyl phthalate	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:31
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 12:31
Dibenzofuran	< 0.00070		0.00070	0.0033	mg/Kg	1	11-Jun-2021 12:31
Diethyl phthalate	< 0.0010		0.0010	0.0066	mg/Kg	1	11-Jun-2021 12:31
Dimethyl phthalate	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 12:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB2 14-16
 Collection Date: 03-Jun-2021 11:04

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
Fluoranthene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 12:31
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 12:31
Hexachlorobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:31
Hexachlorobutadiene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 12:31
Hexachlorocyclopentadiene	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 12:31
Hexachloroethane	< 0.0015		0.0015	0.0066	mg/Kg	1	11-Jun-2021 12:31
Indeno(1,2,3-cd)pyrene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 12:31
Isophorone	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 12:31
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:31
N-Nitrosodiphenylamine	< 0.00070		0.00070	0.0066	mg/Kg	1	11-Jun-2021 12:31
Naphthalene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 12:31
Nitrobenzene	< 0.00090		0.00090	0.0066	mg/Kg	1	11-Jun-2021 12:31
Pentachlorophenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 12:31
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 12:31
Phenol	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 12:31
Pyrene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 12:31
<i>Surr: 2,4,6-Tribromophenol</i>	79.6			36-126	%REC	1	11-Jun-2021 12:31
<i>Surr: 2-Fluorobiphenyl</i>	83.6			43-125	%REC	1	11-Jun-2021 12:31
<i>Surr: 2-Fluorophenol</i>	75.0			37-125	%REC	1	11-Jun-2021 12:31
<i>Surr: 4-Terphenyl-d14</i>	87.3			32-125	%REC	1	11-Jun-2021 12:31
<i>Surr: Nitrobenzene-d5</i>	78.1			37-125	%REC	1	11-Jun-2021 12:31
<i>Surr: Phenol-d6</i>	76.8			40-125	%REC	1	11-Jun-2021 12:31
MASSACHUSETTS EPH		Method:MA EPH			Prep:SW3546 / 08-Jun-2021		Analyst: PPM
Aliphatics >C10 - C12	< 2.43		2.43	2.43	mg/Kg	1	14-Jun-2021 19:17
Aliphatics >C12 - C16	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 19:17
Aliphatics >C16 - C35	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 19:17
Aromatics >C10 - C12	< 2.43		2.43	2.43	mg/Kg	1	14-Jun-2021 19:17
Aromatics >C12 - C16	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 19:17
Aromatics >C16 - C21	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 19:17
Aromatics >C21 - C35	< 4.87		4.87	4.87	mg/Kg	1	14-Jun-2021 19:17
<i>Surr: 1-Chlorooctadecane</i>	55.6			40-140	%REC	1	14-Jun-2021 19:17
<i>Surr: 2-Bromonaphthalene</i>	104			40-140	%REC	1	14-Jun-2021 19:17
<i>Surr: 2-Fluorobiphenyl</i>	92.6			40-140	%REC	1	14-Jun-2021 19:17
<i>Surr: o-Terphenyl</i>	78.2			40-140	%REC	1	14-Jun-2021 19:17
MOISTURE - ASTM D2216		Method:ASTM D2216					Analyst: JW
Percent Moisture	25.2		0.0100	0.0100	wt%	1	09-Jun-2021 16:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 0-2
 Collection Date: 03-Jun-2021 11:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR			
1,1,1,2-Tetrachloroethane	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,1,1-Trichloroethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,1,2,2-Tetrachloroethane	< 0.00082		0.00082	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,1,2-Trichloroethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,1-Dichloroethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,1-Dichloroethene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,2-Dichlorobenzene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,2-Dichloroethane	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,2-Dichloropropane	< 0.00082		0.00082	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,3-Dichlorobenzene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 13:20	
1,4-Dichlorobenzene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 13:20	
2-Butanone	< 0.0013		0.0013	0.010	mg/Kg	1	11-Jun-2021 13:20	
4-Methyl-2-pentanone	< 0.0021		0.0021	0.010	mg/Kg	1	11-Jun-2021 13:20	
Acetone	< 0.0021		0.0021	0.021	mg/Kg	1	11-Jun-2021 13:20	
Benzene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Bromodichloromethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Bromoform	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Bromomethane	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 13:20	
Carbon disulfide	< 0.00062		0.00062	0.010	mg/Kg	1	11-Jun-2021 13:20	
Carbon tetrachloride	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Chlorobenzene	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Chloroethane	< 0.00082		0.00082	0.010	mg/Kg	1	11-Jun-2021 13:20	
Chloroform	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Chloromethane	< 0.00052		0.00052	0.010	mg/Kg	1	11-Jun-2021 13:20	
cis-1,2-Dichloroethene	< 0.00082		0.00082	0.0052	mg/Kg	1	11-Jun-2021 13:20	
cis-1,3-Dichloropropene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Dibromochloromethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Ethylbenzene	< 0.00072		0.00072	0.0052	mg/Kg	1	11-Jun-2021 13:20	
m,p-Xylene	< 0.0016		0.0016	0.010	mg/Kg	1	11-Jun-2021 13:20	
Methyl tert-butyl ether	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Methylene chloride	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 13:20	
o-Xylene	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Styrene	< 0.00072		0.00072	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Tetrachloroethene	< 0.00072		0.00072	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Toluene	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
trans-1,2-Dichloroethene	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20	
trans-1,3-Dichloropropene	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	
Trichloroethene	< 0.00062		0.00062	0.0052	mg/Kg	1	11-Jun-2021 13:20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 0-2
 Collection Date: 03-Jun-2021 11:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20
Vinyl chloride	< 0.00082		0.00082	0.0021	mg/Kg	1	11-Jun-2021 13:20
Xylenes, Total	< 0.0010		0.0010	0.0052	mg/Kg	1	11-Jun-2021 13:20
1,2-Dichloroethene, Total	< 0.00052		0.00052	0.0052	mg/Kg	1	11-Jun-2021 13:20
Surr: 1,2-Dichloroethane-d4	109			70-126	%REC	1	11-Jun-2021 13:20
Surr: 4-Bromofluorobenzene	98.0			70-130	%REC	1	11-Jun-2021 13:20
Surr: Dibromofluoromethane	107			70-130	%REC	1	11-Jun-2021 13:20
Surr: Toluene-d8	103			70-130	%REC	1	11-Jun-2021 13:20
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.460		0.460	0.460	mg/Kg	50	05-Jun-2021 05:43
Aliphatics >C8 - C10	< 0.460		0.460	0.460	mg/Kg	50	05-Jun-2021 05:43
Aromatics >C8 - C10	< 0.460		0.460	0.460	mg/Kg	50	05-Jun-2021 05:43
Surr: 2,5-Dibromotoluene (Aliphatic)	121			70-130	%REC	50	05-Jun-2021 05:43
Surr: 2,5-Dibromotoluene (Aromatic)	117			70-130	%REC	50	05-Jun-2021 05:43

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 0-2
 Collection Date: 03-Jun-2021 11:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 10-Jun-2021		Analyst: GEY
1,1'-Biphenyl	< 0.0017		0.0017	0.0065	mg/Kg	1	11-Jun-2021 12:51
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0065	mg/Kg	1	11-Jun-2021 12:51
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,4-Dichlorophenol	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,4-Dimethylphenol	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,4-Dinitrophenol	< 0.0044		0.0044	0.013	mg/Kg	1	11-Jun-2021 12:51
2,4-Dinitrotoluene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 12:51
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 12:51
2-Chloronaphthalene	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 12:51
2-Chlorophenol	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 12:51
2-Methylnaphthalene	< 0.00049		0.00049	0.0033	mg/Kg	1	11-Jun-2021 12:51
2-Nitroaniline	< 0.0019		0.0019	0.0065	mg/Kg	1	11-Jun-2021 12:51
2-Nitrophenol	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 12:51
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 12:51
3-Nitroaniline	< 0.0019		0.0019	0.0065	mg/Kg	1	11-Jun-2021 12:51
4-Chloroaniline	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 12:51
4-Nitroaniline	< 0.0022		0.0022	0.0065	mg/Kg	1	11-Jun-2021 12:51
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 12:51
Acenaphthene	< 0.00049		0.00049	0.0033	mg/Kg	1	11-Jun-2021 12:51
Acenaphthylene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 12:51
Aniline	< 0.0014		0.0014	0.0065	mg/Kg	1	11-Jun-2021 12:51
Anthracene	< 0.00049		0.00049	0.0033	mg/Kg	1	11-Jun-2021 12:51
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 12:51
Benzo(a)pyrene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 12:51
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 12:51
Benzo(k)fluoranthene	< 0.00089		0.00089	0.0033	mg/Kg	1	11-Jun-2021 12:51
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 12:51
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0065	mg/Kg	1	11-Jun-2021 12:51
Bis(2-ethylhexyl)phthalate	0.0044	J	0.0017	0.0065	mg/Kg	1	11-Jun-2021 12:51
Butyl benzyl phthalate	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 12:51
Chrysene	< 0.00079		0.00079	0.0033	mg/Kg	1	11-Jun-2021 12:51
Di-n-octyl phthalate	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 12:51
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 12:51
Dibenzofuran	< 0.00069		0.00069	0.0033	mg/Kg	1	11-Jun-2021 12:51
Diethyl phthalate	< 0.00099		0.00099	0.0065	mg/Kg	1	11-Jun-2021 12:51
Dimethyl phthalate	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 12:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 0-2
 Collection Date: 03-Jun-2021 11:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
Fluoranthene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 12:51
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 12:51
Hexachlorobenzene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 12:51
Hexachlorobutadiene	< 0.0012		0.0012	0.0065	mg/Kg	1	11-Jun-2021 12:51
Hexachlorocyclopentadiene	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 12:51
Hexachloroethane	< 0.0015		0.0015	0.0065	mg/Kg	1	11-Jun-2021 12:51
Indeno(1,2,3-cd)pyrene	< 0.00079		0.00079	0.0033	mg/Kg	1	11-Jun-2021 12:51
Isophorone	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 12:51
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 12:51
N-Nitrosodiphenylamine	< 0.00069		0.00069	0.0065	mg/Kg	1	11-Jun-2021 12:51
Naphthalene	< 0.00059		0.00059	0.0033	mg/Kg	1	11-Jun-2021 12:51
Nitrobenzene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 12:51
Pentachlorophenol	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 12:51
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 12:51
Phenol	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 12:51
Pyrene	0.0010	J	0.00059	0.0033	mg/Kg	1	11-Jun-2021 12:51
<i>Surr: 2,4,6-Tribromophenol</i>	<i>63.4</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 12:51</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>65.9</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 12:51</i>
<i>Surr: 2-Fluorophenol</i>	<i>57.0</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 12:51</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>78.8</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 12:51</i>
<i>Surr: Nitrobenzene-d5</i>	<i>60.6</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 12:51</i>
<i>Surr: Phenol-d6</i>	<i>58.9</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 12:51</i>
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3546 / 08-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 2.44		2.44	2.44	mg/Kg	1	14-Jun-2021 19:49
Aliphatics >C12 - C16	< 4.88		4.88	4.88	mg/Kg	1	14-Jun-2021 19:49
Aliphatics >C16 - C35	< 4.88		4.88	4.88	mg/Kg	1	14-Jun-2021 19:49
Aromatics >C10 - C12	< 2.44		2.44	2.44	mg/Kg	1	14-Jun-2021 19:49
Aromatics >C12 - C16	< 4.88		4.88	4.88	mg/Kg	1	14-Jun-2021 19:49
Aromatics >C16 - C21	< 4.88		4.88	4.88	mg/Kg	1	14-Jun-2021 19:49
Aromatics >C21 - C35	< 4.88		4.88	4.88	mg/Kg	1	14-Jun-2021 19:49
<i>Surr: 1-Chlorooctadecane</i>	<i>48.9</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 19:49</i>
<i>Surr: 2-Bromonaphthalene</i>	<i>106</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 19:49</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>77.0</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 19:49</i>
<i>Surr: o-Terphenyl</i>	<i>72.3</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>14-Jun-2021 19:49</i>
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: JW	
Percent Moisture	17.5		0.0100	0.0100	wt%	1	10-Jun-2021 13:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 12-14
 Collection Date: 03-Jun-2021 11:55

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR			
1,1,1,2-Tetrachloroethane	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,1,1-Trichloroethane	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,1,2,2-Tetrachloroethane	< 0.00082		0.00082	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,1,2-Trichloroethane	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,1-Dichloroethane	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,1-Dichloroethene	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,2-Dichlorobenzene	< 0.0010		0.0010	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,2-Dichloroethane	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,2-Dichloropropane	< 0.00082		0.00082	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,3-Dichlorobenzene	< 0.0010		0.0010	0.0051	mg/Kg	1	11-Jun-2021 13:43	
1,4-Dichlorobenzene	< 0.0010		0.0010	0.0051	mg/Kg	1	11-Jun-2021 13:43	
2-Butanone	< 0.0013		0.0013	0.010	mg/Kg	1	11-Jun-2021 13:43	
4-Methyl-2-pentanone	< 0.0020		0.0020	0.010	mg/Kg	1	11-Jun-2021 13:43	
Acetone	< 0.0020		0.0020	0.020	mg/Kg	1	11-Jun-2021 13:43	
Benzene	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Bromodichloromethane	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Bromoform	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Bromomethane	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 13:43	
Carbon disulfide	< 0.00061		0.00061	0.010	mg/Kg	1	11-Jun-2021 13:43	
Carbon tetrachloride	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Chlorobenzene	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Chloroethane	< 0.00082		0.00082	0.010	mg/Kg	1	11-Jun-2021 13:43	
Chloroform	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Chloromethane	< 0.00051		0.00051	0.010	mg/Kg	1	11-Jun-2021 13:43	
cis-1,2-Dichloroethene	< 0.00082		0.00082	0.0051	mg/Kg	1	11-Jun-2021 13:43	
cis-1,3-Dichloropropene	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Dibromochloromethane	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Ethylbenzene	< 0.00071		0.00071	0.0051	mg/Kg	1	11-Jun-2021 13:43	
m,p-Xylene	< 0.0016		0.0016	0.010	mg/Kg	1	11-Jun-2021 13:43	
Methyl tert-butyl ether	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Methylene chloride	< 0.0010		0.0010	0.010	mg/Kg	1	11-Jun-2021 13:43	
o-Xylene	< 0.0010		0.0010	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Styrene	< 0.00071		0.00071	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Tetrachloroethene	< 0.00071		0.00071	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Toluene	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
trans-1,2-Dichloroethene	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43	
trans-1,3-Dichloropropene	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	
Trichloroethene	< 0.00061		0.00061	0.0051	mg/Kg	1	11-Jun-2021 13:43	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 12-14
 Collection Date: 03-Jun-2021 11:55

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43
Vinyl chloride	< 0.00082		0.00082	0.0020	mg/Kg	1	11-Jun-2021 13:43
Xylenes, Total	< 0.0010		0.0010	0.0051	mg/Kg	1	11-Jun-2021 13:43
1,2-Dichloroethene, Total	< 0.00051		0.00051	0.0051	mg/Kg	1	11-Jun-2021 13:43
Surr: 1,2-Dichloroethane-d4	105			70-126	%REC	1	11-Jun-2021 13:43
Surr: 4-Bromofluorobenzene	96.8			70-130	%REC	1	11-Jun-2021 13:43
Surr: Dibromofluoromethane	103			70-130	%REC	1	11-Jun-2021 13:43
Surr: Toluene-d8	101			70-130	%REC	1	11-Jun-2021 13:43
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.525		0.525	0.525	mg/Kg	50	05-Jun-2021 06:10
Aliphatics >C8 - C10	< 0.525		0.525	0.525	mg/Kg	50	05-Jun-2021 06:10
Aromatics >C8 - C10	< 0.525		0.525	0.525	mg/Kg	50	05-Jun-2021 06:10
Surr: 2,5-Dibromotoluene (Aliphatic)	124			70-130	%REC	50	05-Jun-2021 06:10
Surr: 2,5-Dibromotoluene (Aromatic)	124			70-130	%REC	50	05-Jun-2021 06:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 12-14
 Collection Date: 03-Jun-2021 11:55

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.0017		0.0017	0.0065	mg/Kg	1	11-Jun-2021 13:10
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0065	mg/Kg	1	11-Jun-2021 13:10
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,4-Dichlorophenol	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,4-Dimethylphenol	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 13:10
2,4-Dinitrotoluene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:10
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 13:10
2-Chloronaphthalene	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:10
2-Chlorophenol	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:10
2-Methylnaphthalene	< 0.00049		0.00049	0.0033	mg/Kg	1	11-Jun-2021 13:10
2-Nitroaniline	< 0.0019		0.0019	0.0065	mg/Kg	1	11-Jun-2021 13:10
2-Nitrophenol	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 13:10
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 13:10
3-Nitroaniline	< 0.0019		0.0019	0.0065	mg/Kg	1	11-Jun-2021 13:10
4-Chloroaniline	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:10
4-Nitroaniline	< 0.0022		0.0022	0.0065	mg/Kg	1	11-Jun-2021 13:10
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 13:10
Acenaphthene	< 0.00049		0.00049	0.0033	mg/Kg	1	11-Jun-2021 13:10
Acenaphthylene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 13:10
Aniline	< 0.0014		0.0014	0.0065	mg/Kg	1	11-Jun-2021 13:10
Anthracene	< 0.00049		0.00049	0.0033	mg/Kg	1	11-Jun-2021 13:10
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 13:10
Benzo(a)pyrene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 13:10
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 13:10
Benzo(k)fluoranthene	< 0.00089		0.00089	0.0033	mg/Kg	1	11-Jun-2021 13:10
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:10
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0065	mg/Kg	1	11-Jun-2021 13:10
Bis(2-ethylhexyl)phthalate	0.0060	J	0.0017	0.0065	mg/Kg	1	11-Jun-2021 13:10
Butyl benzyl phthalate	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:10
Chrysene	< 0.00079		0.00079	0.0033	mg/Kg	1	11-Jun-2021 13:10
Di-n-octyl phthalate	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:10
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 13:10
Dibenzofuran	< 0.00069		0.00069	0.0033	mg/Kg	1	11-Jun-2021 13:10
Diethyl phthalate	< 0.00099		0.00099	0.0065	mg/Kg	1	11-Jun-2021 13:10
Dimethyl phthalate	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 13:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 12-14
 Collection Date: 03-Jun-2021 11:55

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
Fluoranthene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 13:10
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 13:10
Hexachlorobenzene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:10
Hexachlorobutadiene	< 0.0012		0.0012	0.0065	mg/Kg	1	11-Jun-2021 13:10
Hexachlorocyclopentadiene	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 13:10
Hexachloroethane	< 0.0015		0.0015	0.0065	mg/Kg	1	11-Jun-2021 13:10
Indeno(1,2,3-cd)pyrene	< 0.00079		0.00079	0.0033	mg/Kg	1	11-Jun-2021 13:10
Isophorone	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 13:10
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:10
N-Nitrosodiphenylamine	< 0.00069		0.00069	0.0065	mg/Kg	1	11-Jun-2021 13:10
Naphthalene	< 0.00059		0.00059	0.0033	mg/Kg	1	11-Jun-2021 13:10
Nitrobenzene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:10
Pentachlorophenol	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 13:10
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 13:10
Phenol	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:10
Pyrene	< 0.00059		0.00059	0.0033	mg/Kg	1	11-Jun-2021 13:10
<i>Surr: 2,4,6-Tribromophenol</i>	75.1			36-126	%REC	1	11-Jun-2021 13:10
<i>Surr: 2-Fluorobiphenyl</i>	60.7			43-125	%REC	1	11-Jun-2021 13:10
<i>Surr: 2-Fluorophenol</i>	53.2			37-125	%REC	1	11-Jun-2021 13:10
<i>Surr: 4-Terphenyl-d14</i>	79.2			32-125	%REC	1	11-Jun-2021 13:10
<i>Surr: Nitrobenzene-d5</i>	58.6			37-125	%REC	1	11-Jun-2021 13:10
<i>Surr: Phenol-d6</i>	54.5			40-125	%REC	1	11-Jun-2021 13:10
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3546 / 08-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 2.46		2.46	2.46	mg/Kg	1	14-Jun-2021 20:21
Aliphatics >C12 - C16	< 4.92		4.92	4.92	mg/Kg	1	14-Jun-2021 20:21
Aliphatics >C16 - C35	< 4.92		4.92	4.92	mg/Kg	1	14-Jun-2021 20:21
Aromatics >C10 - C12	< 2.46		2.46	2.46	mg/Kg	1	14-Jun-2021 20:21
Aromatics >C12 - C16	< 4.92		4.92	4.92	mg/Kg	1	14-Jun-2021 20:21
Aromatics >C16 - C21	< 4.92		4.92	4.92	mg/Kg	1	14-Jun-2021 20:21
Aromatics >C21 - C35	< 4.92		4.92	4.92	mg/Kg	1	14-Jun-2021 20:21
<i>Surr: 1-Chlorooctadecane</i>	50.3			40-140	%REC	1	14-Jun-2021 20:21
<i>Surr: 2-Bromonaphthalene</i>	102			40-140	%REC	1	14-Jun-2021 20:21
<i>Surr: 2-Fluorobiphenyl</i>	68.7			40-140	%REC	1	14-Jun-2021 20:21
<i>Surr: o-Terphenyl</i>	73.9			40-140	%REC	1	14-Jun-2021 20:21
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: JW	
Percent Moisture	26.5		0.0100	0.0100	wt%	1	10-Jun-2021 13:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 14-16
 Collection Date: 03-Jun-2021 11:57

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR			
1,1,1,2-Tetrachloroethane	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,1,1-Trichloroethane	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,1,2,2-Tetrachloroethane	< 0.00078		0.00078	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,1,2-Trichloroethane	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,1-Dichloroethane	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,1-Dichloroethene	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,2-Dibromo-3-chloropropane	< 0.00098		0.00098	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,2-Dichlorobenzene	< 0.00098		0.00098	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,2-Dichloroethane	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,2-Dichloropropane	< 0.00078		0.00078	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,3-Dichlorobenzene	< 0.00098		0.00098	0.0049	mg/Kg	1	11-Jun-2021 14:06	
1,4-Dichlorobenzene	< 0.00098		0.00098	0.0049	mg/Kg	1	11-Jun-2021 14:06	
2-Butanone	< 0.0013		0.0013	0.0098	mg/Kg	1	11-Jun-2021 14:06	
4-Methyl-2-pentanone	< 0.0020		0.0020	0.0098	mg/Kg	1	11-Jun-2021 14:06	
Acetone	< 0.0020		0.0020	0.020	mg/Kg	1	11-Jun-2021 14:06	
Benzene	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Bromodichloromethane	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Bromoform	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Bromomethane	< 0.00098		0.00098	0.0098	mg/Kg	1	11-Jun-2021 14:06	
Carbon disulfide	< 0.00059		0.00059	0.0098	mg/Kg	1	11-Jun-2021 14:06	
Carbon tetrachloride	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Chlorobenzene	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Chloroethane	< 0.00078		0.00078	0.0098	mg/Kg	1	11-Jun-2021 14:06	
Chloroform	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Chloromethane	< 0.00049		0.00049	0.0098	mg/Kg	1	11-Jun-2021 14:06	
cis-1,2-Dichloroethene	< 0.00078		0.00078	0.0049	mg/Kg	1	11-Jun-2021 14:06	
cis-1,3-Dichloropropene	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Dibromochloromethane	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Ethylbenzene	< 0.00069		0.00069	0.0049	mg/Kg	1	11-Jun-2021 14:06	
m,p-Xylene	< 0.0016		0.0016	0.0098	mg/Kg	1	11-Jun-2021 14:06	
Methyl tert-butyl ether	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Methylene chloride	< 0.00098		0.00098	0.0098	mg/Kg	1	11-Jun-2021 14:06	
o-Xylene	< 0.00098		0.00098	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Styrene	< 0.00069		0.00069	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Tetrachloroethene	< 0.00069		0.00069	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Toluene	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
trans-1,2-Dichloroethene	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06	
trans-1,3-Dichloropropene	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	
Trichloroethene	< 0.00059		0.00059	0.0049	mg/Kg	1	11-Jun-2021 14:06	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 14-16
 Collection Date: 03-Jun-2021 11:57

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06
Vinyl chloride	< 0.00078		0.00078	0.0020	mg/Kg	1	11-Jun-2021 14:06
Xylenes, Total	< 0.00098		0.00098	0.0049	mg/Kg	1	11-Jun-2021 14:06
1,2-Dichloroethene, Total	< 0.00049		0.00049	0.0049	mg/Kg	1	11-Jun-2021 14:06
Surr: 1,2-Dichloroethane-d4	113			70-126	%REC	1	11-Jun-2021 14:06
Surr: 4-Bromofluorobenzene	99.7			70-130	%REC	1	11-Jun-2021 14:06
Surr: Dibromofluoromethane	105			70-130	%REC	1	11-Jun-2021 14:06
Surr: Toluene-d8	98.9			70-130	%REC	1	11-Jun-2021 14:06
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.465		0.465	0.465	mg/Kg	50	05-Jun-2021 06:38
Aliphatics >C8 - C10	< 0.465		0.465	0.465	mg/Kg	50	05-Jun-2021 06:38
Aromatics >C8 - C10	< 0.465		0.465	0.465	mg/Kg	50	05-Jun-2021 06:38
Surr: 2,5-Dibromotoluene (Aliphatic)	120			70-130	%REC	50	05-Jun-2021 06:38
Surr: 2,5-Dibromotoluene (Aromatic)	117			70-130	%REC	50	05-Jun-2021 06:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 14-16
 Collection Date: 03-Jun-2021 11:57

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.0017		0.0017	0.0065	mg/Kg	1	11-Jun-2021 13:29
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0065	mg/Kg	1	11-Jun-2021 13:29
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,4-Dichlorophenol	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,4-Dimethylphenol	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 13:29
2,4-Dinitrotoluene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:29
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 13:29
2-Chloronaphthalene	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:29
2-Chlorophenol	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:29
2-Methylnaphthalene	0.00056	J	0.00050	0.0033	mg/Kg	1	11-Jun-2021 13:29
2-Nitroaniline	< 0.0019		0.0019	0.0065	mg/Kg	1	11-Jun-2021 13:29
2-Nitrophenol	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 13:29
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0065	mg/Kg	1	11-Jun-2021 13:29
3-Nitroaniline	< 0.0019		0.0019	0.0065	mg/Kg	1	11-Jun-2021 13:29
4-Chloroaniline	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:29
4-Nitroaniline	< 0.0022		0.0022	0.0065	mg/Kg	1	11-Jun-2021 13:29
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 13:29
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 13:29
Acenaphthylene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 13:29
Aniline	< 0.0014		0.0014	0.0065	mg/Kg	1	11-Jun-2021 13:29
Anthracene	0.00079	J	0.00050	0.0033	mg/Kg	1	11-Jun-2021 13:29
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 13:29
Benzo(a)pyrene	0.0017	J	0.00099	0.0033	mg/Kg	1	11-Jun-2021 13:29
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 13:29
Benzo(k)fluoranthene	< 0.00089		0.00089	0.0033	mg/Kg	1	11-Jun-2021 13:29
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:29
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0065	mg/Kg	1	11-Jun-2021 13:29
Bis(2-ethylhexyl)phthalate	0.013		0.0017	0.0065	mg/Kg	1	11-Jun-2021 13:29
Butyl benzyl phthalate	< 0.0013		0.0013	0.0065	mg/Kg	1	11-Jun-2021 13:29
Chrysene	0.0023	J	0.00079	0.0033	mg/Kg	1	11-Jun-2021 13:29
Di-n-octyl phthalate	0.0018	J	0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:29
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 13:29
Dibenzofuran	< 0.00069		0.00069	0.0033	mg/Kg	1	11-Jun-2021 13:29
Diethyl phthalate	< 0.00099		0.00099	0.0065	mg/Kg	1	11-Jun-2021 13:29
Dimethyl phthalate	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 13:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1 14-16
 Collection Date: 03-Jun-2021 11:57

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D			Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY
Fluoranthene	0.0021	J	0.0011	0.0033	mg/Kg	1	11-Jun-2021 13:29
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 13:29
Hexachlorobenzene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:29
Hexachlorobutadiene	< 0.0012		0.0012	0.0065	mg/Kg	1	11-Jun-2021 13:29
Hexachlorocyclopentadiene	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 13:29
Hexachloroethane	< 0.0015		0.0015	0.0065	mg/Kg	1	11-Jun-2021 13:29
Indeno(1,2,3-cd)pyrene	0.0012	J	0.00079	0.0033	mg/Kg	1	11-Jun-2021 13:29
Isophorone	< 0.00079		0.00079	0.0065	mg/Kg	1	11-Jun-2021 13:29
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:29
N-Nitrosodiphenylamine	< 0.00069		0.00069	0.0065	mg/Kg	1	11-Jun-2021 13:29
Naphthalene	< 0.00059		0.00059	0.0033	mg/Kg	1	11-Jun-2021 13:29
Nitrobenzene	< 0.00089		0.00089	0.0065	mg/Kg	1	11-Jun-2021 13:29
Pentachlorophenol	< 0.0033		0.0033	0.0065	mg/Kg	1	11-Jun-2021 13:29
Phenanthrene	0.0020	J	0.0015	0.0033	mg/Kg	1	11-Jun-2021 13:29
Phenol	< 0.0011		0.0011	0.0065	mg/Kg	1	11-Jun-2021 13:29
Pyrene	0.0029	J	0.00059	0.0033	mg/Kg	1	11-Jun-2021 13:29
<i>Surr: 2,4,6-Tribromophenol</i>	78.7			36-126	%REC	1	11-Jun-2021 13:29
<i>Surr: 2-Fluorobiphenyl</i>	73.5			43-125	%REC	1	11-Jun-2021 13:29
<i>Surr: 2-Fluorophenol</i>	58.5			37-125	%REC	1	11-Jun-2021 13:29
<i>Surr: 4-Terphenyl-d14</i>	84.0			32-125	%REC	1	11-Jun-2021 13:29
<i>Surr: Nitrobenzene-d5</i>	63.7			37-125	%REC	1	11-Jun-2021 13:29
<i>Surr: Phenol-d6</i>	60.9			40-125	%REC	1	11-Jun-2021 13:29
MASSACHUSETTS EPH			Method:MA EPH		Prep:SW3546 / 08-Jun-2021		Analyst: PPM
Aliphatics >C10 - C12	< 2.46		2.46	2.46	mg/Kg	1	14-Jun-2021 20:53
Aliphatics >C12 - C16	< 4.93		4.93	4.93	mg/Kg	1	14-Jun-2021 20:53
Aliphatics >C16 - C35	< 4.93		4.93	4.93	mg/Kg	1	14-Jun-2021 20:53
Aromatics >C10 - C12	< 2.46		2.46	2.46	mg/Kg	1	14-Jun-2021 20:53
Aromatics >C12 - C16	< 4.93		4.93	4.93	mg/Kg	1	14-Jun-2021 20:53
Aromatics >C16 - C21	< 4.93		4.93	4.93	mg/Kg	1	14-Jun-2021 20:53
Aromatics >C21 - C35	< 4.93		4.93	4.93	mg/Kg	1	14-Jun-2021 20:53
<i>Surr: 1-Chlorooctadecane</i>	56.6			40-140	%REC	1	14-Jun-2021 20:53
<i>Surr: 2-Bromonaphthalene</i>	110			40-140	%REC	1	14-Jun-2021 20:53
<i>Surr: 2-Fluorobiphenyl</i>	66.4			40-140	%REC	1	14-Jun-2021 20:53
<i>Surr: o-Terphenyl</i>	84.9			40-140	%REC	1	14-Jun-2021 20:53
MOISTURE - ASTM D2216			Method:ASTM D2216				Analyst: JW
Percent Moisture	15.9		0.0100	0.0100	wt%	1	10-Jun-2021 13:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR			
1,1,1,2-Tetrachloroethane	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,1,1-Trichloroethane	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,1,2,2-Tetrachloroethane	< 0.00077		0.00077	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,1,2-Trichloroethane	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,1-Dichloroethane	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,1-Dichloroethene	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,2-Dibromo-3-chloropropane	< 0.00096		0.00096	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,2-Dichlorobenzene	< 0.00096		0.00096	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,2-Dichloroethane	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,2-Dichloropropane	< 0.00077		0.00077	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,3-Dichlorobenzene	< 0.00096		0.00096	0.0048	mg/Kg	1	11-Jun-2021 14:28	
1,4-Dichlorobenzene	< 0.00096		0.00096	0.0048	mg/Kg	1	11-Jun-2021 14:28	
2-Butanone	< 0.0012		0.0012	0.0096	mg/Kg	1	11-Jun-2021 14:28	
4-Methyl-2-pentanone	< 0.0019		0.0019	0.0096	mg/Kg	1	11-Jun-2021 14:28	
Acetone	< 0.0019		0.0019	0.019	mg/Kg	1	11-Jun-2021 14:28	
Benzene	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Bromodichloromethane	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Bromoform	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Bromomethane	< 0.00096		0.00096	0.0096	mg/Kg	1	11-Jun-2021 14:28	
Carbon disulfide	< 0.00058		0.00058	0.0096	mg/Kg	1	11-Jun-2021 14:28	
Carbon tetrachloride	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Chlorobenzene	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Chloroethane	< 0.00077		0.00077	0.0096	mg/Kg	1	11-Jun-2021 14:28	
Chloroform	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Chloromethane	< 0.00048		0.00048	0.0096	mg/Kg	1	11-Jun-2021 14:28	
cis-1,2-Dichloroethene	< 0.00077		0.00077	0.0048	mg/Kg	1	11-Jun-2021 14:28	
cis-1,3-Dichloropropene	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Dibromochloromethane	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Ethylbenzene	< 0.00067		0.00067	0.0048	mg/Kg	1	11-Jun-2021 14:28	
m,p-Xylene	< 0.0015		0.0015	0.0096	mg/Kg	1	11-Jun-2021 14:28	
Methyl tert-butyl ether	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Methylene chloride	< 0.00096		0.00096	0.0096	mg/Kg	1	11-Jun-2021 14:28	
o-Xylene	< 0.00096		0.00096	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Styrene	< 0.00067		0.00067	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Tetrachloroethene	< 0.00067		0.00067	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Toluene	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
trans-1,2-Dichloroethene	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28	
trans-1,3-Dichloropropene	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	
Trichloroethene	< 0.00058		0.00058	0.0048	mg/Kg	1	11-Jun-2021 14:28	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260			Analyst: WLR		
Trichlorofluoromethane	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28
Vinyl chloride	< 0.00077		0.00077	0.0019	mg/Kg	1	11-Jun-2021 14:28
Xylenes, Total	< 0.00096		0.00096	0.0048	mg/Kg	1	11-Jun-2021 14:28
1,2-Dichloroethene, Total	< 0.00048		0.00048	0.0048	mg/Kg	1	11-Jun-2021 14:28
Surr: 1,2-Dichloroethane-d4	101			70-126	%REC	1	11-Jun-2021 14:28
Surr: 4-Bromofluorobenzene	94.2			70-130	%REC	1	11-Jun-2021 14:28
Surr: Dibromofluoromethane	102			70-130	%REC	1	11-Jun-2021 14:28
Surr: Toluene-d8	99.2			70-130	%REC	1	11-Jun-2021 14:28
MASSACHUSETTS VPH		Method:MA VPH			Analyst: QX		
Aliphatics >C6 - C8	< 0.545		0.545	0.545	mg/Kg	50	05-Jun-2021 08:30
Aliphatics >C8 - C10	< 0.545		0.545	0.545	mg/Kg	50	05-Jun-2021 08:30
Aromatics >C8 - C10	< 0.545		0.545	0.545	mg/Kg	50	05-Jun-2021 08:30
Surr: 2,5-Dibromotoluene (Aliphatic)	115			70-130	%REC	50	05-Jun-2021 08:30
Surr: 2,5-Dibromotoluene (Aromatic)	118			70-130	%REC	50	05-Jun-2021 08:30

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 13:49
1,2,4-Trichlorobenzene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 13:49
1,3-Dinitrobenzene	< 0.0026		0.0026	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,3,4,6-Tetrachlorophenol	< 0.0029		0.0029	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,4,5-Trichlorophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,4,6-Trichlorophenol	< 0.0017		0.0017	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,4-Dichlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,4-Dimethylphenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,4-Dinitrophenol	< 0.0045		0.0045	0.013	mg/Kg	1	11-Jun-2021 13:49
2,4-Dinitrotoluene	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 13:49
2,6-Dinitrotoluene	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 13:49
2-Chloronaphthalene	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 13:49
2-Chlorophenol	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 13:49
2-Methylnaphthalene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 13:49
2-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 13:49
2-Nitrophenol	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 13:49
3,3'-Dichlorobenzidine	< 0.0025		0.0025	0.0066	mg/Kg	1	11-Jun-2021 13:49
3-Nitroaniline	< 0.0019		0.0019	0.0066	mg/Kg	1	11-Jun-2021 13:49
4-Chloroaniline	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 13:49
4-Nitroaniline	< 0.0022		0.0022	0.0066	mg/Kg	1	11-Jun-2021 13:49
4-Nitrophenol	< 0.0019		0.0019	0.013	mg/Kg	1	11-Jun-2021 13:49
Acenaphthene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 13:49
Acenaphthylene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 13:49
Aniline	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 13:49
Anthracene	< 0.00050		0.00050	0.0033	mg/Kg	1	11-Jun-2021 13:49
Benz(a)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 13:49
Benzo(a)pyrene	< 0.00099		0.00099	0.0033	mg/Kg	1	11-Jun-2021 13:49
Benzo(b)fluoranthene	< 0.0012		0.0012	0.0033	mg/Kg	1	11-Jun-2021 13:49
Benzo(k)fluoranthene	< 0.00089		0.00089	0.0033	mg/Kg	1	11-Jun-2021 13:49
Bis(2-chloroethyl)ether	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 13:49
Bis(2-chloroisopropyl)ether	< 0.0014		0.0014	0.0066	mg/Kg	1	11-Jun-2021 13:49
Bis(2-ethylhexyl)phthalate	0.0089		0.0017	0.0066	mg/Kg	1	11-Jun-2021 13:49
Butyl benzyl phthalate	< 0.0013		0.0013	0.0066	mg/Kg	1	11-Jun-2021 13:49
Chrysene	0.0021	J	0.00080	0.0033	mg/Kg	1	11-Jun-2021 13:49
Di-n-octyl phthalate	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 13:49
Dibenz(a,h)anthracene	< 0.0016		0.0016	0.0033	mg/Kg	1	11-Jun-2021 13:49
Dibenzofuran	< 0.00070		0.00070	0.0033	mg/Kg	1	11-Jun-2021 13:49
Diethyl phthalate	< 0.00099		0.00099	0.0066	mg/Kg	1	11-Jun-2021 13:49
Dimethyl phthalate	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 13:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: LB1A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D			Method:SW8270		Prep:SW3541 / 10-Jun-2021		Analyst: GEY
Fluoranthene	0.0017	J	0.0011	0.0033	mg/Kg	1	11-Jun-2021 13:49
Fluorene	< 0.0011		0.0011	0.0033	mg/Kg	1	11-Jun-2021 13:49
Hexachlorobenzene	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 13:49
Hexachlorobutadiene	< 0.0012		0.0012	0.0066	mg/Kg	1	11-Jun-2021 13:49
Hexachlorocyclopentadiene	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 13:49
Hexachloroethane	< 0.0015		0.0015	0.0066	mg/Kg	1	11-Jun-2021 13:49
Indeno(1,2,3-cd)pyrene	< 0.00080		0.00080	0.0033	mg/Kg	1	11-Jun-2021 13:49
Isophorone	< 0.00080		0.00080	0.0066	mg/Kg	1	11-Jun-2021 13:49
N-Nitrosodi-n-propylamine	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 13:49
N-Nitrosodiphenylamine	< 0.00070		0.00070	0.0066	mg/Kg	1	11-Jun-2021 13:49
Naphthalene	< 0.00060		0.00060	0.0033	mg/Kg	1	11-Jun-2021 13:49
Nitrobenzene	< 0.00089		0.00089	0.0066	mg/Kg	1	11-Jun-2021 13:49
Pentachlorophenol	< 0.0033		0.0033	0.0066	mg/Kg	1	11-Jun-2021 13:49
Phenanthrene	< 0.0015		0.0015	0.0033	mg/Kg	1	11-Jun-2021 13:49
Phenol	< 0.0011		0.0011	0.0066	mg/Kg	1	11-Jun-2021 13:49
Pyrene	0.0025	J	0.00060	0.0033	mg/Kg	1	11-Jun-2021 13:49
<i>Surr: 2,4,6-Tribromophenol</i>	73.7			36-126	%REC	1	11-Jun-2021 13:49
<i>Surr: 2-Fluorobiphenyl</i>	81.0			43-125	%REC	1	11-Jun-2021 13:49
<i>Surr: 2-Fluorophenol</i>	77.0			37-125	%REC	1	11-Jun-2021 13:49
<i>Surr: 4-Terphenyl-d14</i>	95.2			32-125	%REC	1	11-Jun-2021 13:49
<i>Surr: Nitrobenzene-d5</i>	81.5			37-125	%REC	1	11-Jun-2021 13:49
<i>Surr: Phenol-d6</i>	76.6			40-125	%REC	1	11-Jun-2021 13:49
MASSACHUSETTS EPH			Method:MA EPH		Prep:SW3546 / 08-Jun-2021		Analyst: PPM
Aliphatics >C10 - C12	< 2.49		2.49	2.49	mg/Kg	1	14-Jun-2021 21:25
Aliphatics >C12 - C16	< 4.97		4.97	4.97	mg/Kg	1	14-Jun-2021 21:25
Aliphatics >C16 - C35	< 4.97		4.97	4.97	mg/Kg	1	14-Jun-2021 21:25
Aromatics >C10 - C12	< 2.49		2.49	2.49	mg/Kg	1	14-Jun-2021 21:25
Aromatics >C12 - C16	< 4.97		4.97	4.97	mg/Kg	1	14-Jun-2021 21:25
Aromatics >C16 - C21	< 4.97		4.97	4.97	mg/Kg	1	14-Jun-2021 21:25
Aromatics >C21 - C35	< 4.97		4.97	4.97	mg/Kg	1	14-Jun-2021 21:25
<i>Surr: 1-Chlorooctadecane</i>	50.8			40-140	%REC	1	14-Jun-2021 21:25
<i>Surr: 2-Bromonaphthalene</i>	91.2			40-140	%REC	1	14-Jun-2021 21:25
<i>Surr: 2-Fluorobiphenyl</i>	56.0			40-140	%REC	1	14-Jun-2021 21:25
<i>Surr: o-Terphenyl</i>	66.5			40-140	%REC	1	14-Jun-2021 21:25
MOISTURE - ASTM D2216			Method:ASTM D2216				Analyst: JW
Percent Moisture	25.3		0.0100	0.0100	wt%	1	10-Jun-2021 13:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3
 Collection Date: 03-Jun-2021 13:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-10
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 01:31
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 01:31
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 01:31
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 01:31
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 01:31
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 01:31
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 01:31
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 01:31
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 01:31
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 01:31
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 01:31
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 01:31
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 01:31
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 01:31
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 01:31
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 01:31
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 01:31
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3
 Collection Date: 03-Jun-2021 13:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-10
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 01:31
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 01:31
<i>Surr: 1,2-Dichloroethane-d4</i>	98.8			70-126	%REC	1	12-Jun-2021 01:31
<i>Surr: 4-Bromofluorobenzene</i>	96.0			81-113	%REC	1	12-Jun-2021 01:31
<i>Surr: Dibromofluoromethane</i>	103			77-123	%REC	1	12-Jun-2021 01:31
<i>Surr: Toluene-d8</i>	97.7			82-127	%REC	1	12-Jun-2021 01:31
MASSACHUSETTS VPH		Method:MA VPH		Analyst: QX			
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 21:23
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 21:23
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 21:23
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	119			70-130	%REC	1	08-Jun-2021 21:23
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	122			70-130	%REC	1	08-Jun-2021 21:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3
 Collection Date: 03-Jun-2021 13:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-10
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 07-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.000024		0.000024	0.00020	mg/L	1	09-Jun-2021 16:08
1,2,4-Trichlorobenzene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:08
1,3-Dinitrobenzene	< 0.000079		0.000079	0.00020	mg/L	1	09-Jun-2021 16:08
2,3,4,6-Tetrachlorophenol	< 0.000055		0.000055	0.00020	mg/L	1	09-Jun-2021 16:08
2,4,5-Trichlorophenol	< 0.000057		0.000057	0.00020	mg/L	1	09-Jun-2021 16:08
2,4,6-Trichlorophenol	< 0.000048		0.000048	0.00020	mg/L	1	09-Jun-2021 16:08
2,4-Dichlorophenol	< 0.000043		0.000043	0.00020	mg/L	1	09-Jun-2021 16:08
2,4-Dimethylphenol	< 0.000040		0.000040	0.00020	mg/L	1	09-Jun-2021 16:08
2,4-Dinitrophenol	< 0.00010		0.00010	0.0010	mg/L	1	09-Jun-2021 16:08
2,4-Dinitrotoluene	< 0.000058		0.000058	0.00020	mg/L	1	09-Jun-2021 16:08
2,6-Dinitrotoluene	< 0.000042		0.000042	0.00020	mg/L	1	09-Jun-2021 16:08
2-Chloronaphthalene	< 0.000021		0.000021	0.00020	mg/L	1	09-Jun-2021 16:08
2-Chlorophenol	< 0.000036		0.000036	0.00020	mg/L	1	09-Jun-2021 16:08
2-Methylnaphthalene	0.000043	J	0.000019	0.00010	mg/L	1	09-Jun-2021 16:08
2-Nitroaniline	< 0.000041		0.000041	0.00020	mg/L	1	09-Jun-2021 16:08
3,3'-Dichlorobenzidine	< 0.000044		0.000044	0.00020	mg/L	1	09-Jun-2021 16:08
3-Nitroaniline	< 0.000049		0.000049	0.00020	mg/L	1	09-Jun-2021 16:08
4-Chloroaniline	< 0.000039		0.000039	0.00020	mg/L	1	09-Jun-2021 16:08
4-Nitroaniline	< 0.000035		0.000035	0.00020	mg/L	1	09-Jun-2021 16:08
4-Nitrophenol	< 0.000047		0.000047	0.0010	mg/L	1	09-Jun-2021 16:08
Acenaphthene	< 0.000027		0.000027	0.00010	mg/L	1	09-Jun-2021 16:08
Acenaphthylene	< 0.000015		0.000015	0.00010	mg/L	1	09-Jun-2021 16:08
Aniline	< 0.000020		0.000020	0.00020	mg/L	1	09-Jun-2021 16:08
Anthracene	< 0.000014		0.000014	0.00010	mg/L	1	09-Jun-2021 16:08
Benz(a)anthracene	< 0.000050		0.000050	0.00010	mg/L	1	09-Jun-2021 16:08
Benzo(a)pyrene	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:08
Benzo(b)fluoranthene	< 0.000023		0.000023	0.00010	mg/L	1	09-Jun-2021 16:08
Benzo(k)fluoranthene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:08
Bis(2-chloroethyl)ether	< 0.000026		0.000026	0.00020	mg/L	1	09-Jun-2021 16:08
Bis(2-chloroisopropyl)ether	< 0.000070		0.000070	0.00020	mg/L	1	09-Jun-2021 16:08
Bis(2-ethylhexyl)phthalate	0.00025		0.000037	0.00020	mg/L	1	09-Jun-2021 16:08
Butyl benzyl phthalate	< 0.000019		0.000019	0.00020	mg/L	1	09-Jun-2021 16:08
Chrysene	< 0.000021		0.000021	0.00010	mg/L	1	09-Jun-2021 16:08
Di-n-octyl phthalate	< 0.000020		0.000020	0.00020	mg/L	1	09-Jun-2021 16:08
Dibenz(a,h)anthracene	< 0.000024		0.000024	0.00010	mg/L	1	09-Jun-2021 16:08
Dibenzofuran	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:08
Diethyl phthalate	0.012		0.000060	0.00040	mg/L	2	09-Jun-2021 20:41
Dimethyl phthalate	< 0.000041		0.000041	0.00020	mg/L	1	09-Jun-2021 16:08
Fluoranthene	< 0.000010		0.000010	0.00010	mg/L	1	09-Jun-2021 16:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3
 Collection Date: 03-Jun-2021 13:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-10
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 07-Jun-2021		Analyst: GEY	
Fluorene	< 0.000030		0.000030	0.00010	mg/L	1	09-Jun-2021 16:08
Hexachlorobenzene	< 0.000044		0.000044	0.00020	mg/L	1	09-Jun-2021 16:08
Hexachlorobutadiene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:08
Hexachlorocyclopentadiene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:08
Hexachloroethane	< 0.000059		0.000059	0.00020	mg/L	1	09-Jun-2021 16:08
Indeno(1,2,3-cd)pyrene	< 0.000022		0.000022	0.00010	mg/L	1	09-Jun-2021 16:08
Isophorone	< 0.000025		0.000025	0.00020	mg/L	1	09-Jun-2021 16:08
N-Nitrosodi-n-propylamine	< 0.000032		0.000032	0.00020	mg/L	1	09-Jun-2021 16:08
N-Nitrosodiphenylamine	< 0.000025		0.000025	0.00020	mg/L	1	09-Jun-2021 16:08
Naphthalene	0.000091	J	0.000020	0.00010	mg/L	1	09-Jun-2021 16:08
Nitrobenzene	< 0.000024		0.000024	0.00020	mg/L	1	09-Jun-2021 16:08
Pentachlorophenol	< 0.000079		0.000079	0.00020	mg/L	1	09-Jun-2021 16:08
Phenanthrene	< 0.000021		0.000021	0.00010	mg/L	1	09-Jun-2021 16:08
Phenol	< 0.000035		0.000035	0.00020	mg/L	1	09-Jun-2021 16:08
Pyrene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:08
<i>Surr: 2,4,6-Tribromophenol</i>	<i>106</i>			<i>34-129</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:08</i>
<i>Surr: 2,4,6-Tribromophenol</i>	<i>112</i>			<i>34-129</i>	<i>%REC</i>	<i>2</i>	<i>09-Jun-2021 20:41</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>67.7</i>			<i>40-125</i>	<i>%REC</i>	<i>2</i>	<i>09-Jun-2021 20:41</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>76.0</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:08</i>
<i>Surr: 2-Fluorophenol</i>	<i>71.7</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:08</i>
<i>Surr: 2-Fluorophenol</i>	<i>65.5</i>			<i>20-120</i>	<i>%REC</i>	<i>2</i>	<i>09-Jun-2021 20:41</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>102</i>			<i>40-135</i>	<i>%REC</i>	<i>2</i>	<i>09-Jun-2021 20:41</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>111</i>			<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:08</i>
<i>Surr: Nitrobenzene-d5</i>	<i>74.2</i>			<i>41-120</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:08</i>
<i>Surr: Nitrobenzene-d5</i>	<i>69.1</i>			<i>41-120</i>	<i>%REC</i>	<i>2</i>	<i>09-Jun-2021 20:41</i>
<i>Surr: Phenol-d6</i>	<i>58.1</i>			<i>20-120</i>	<i>%REC</i>	<i>2</i>	<i>09-Jun-2021 20:41</i>
<i>Surr: Phenol-d6</i>	<i>73.4</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:08</i>
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3510 / 10-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 14:36
Aliphatics >C12 - C16	< 0.00200		0.00200	0.00200	mg/L	1	15-Jun-2021 14:36
Aliphatics >C16 - C35	< 0.00800		0.00800	0.00800	mg/L	1	15-Jun-2021 14:36
Aromatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 14:36
Aromatics >C12 - C16	< 0.00400		0.00400	0.00400	mg/L	1	15-Jun-2021 14:36
Aromatics >C16 - C21	< 0.00300		0.00300	0.00300	mg/L	1	15-Jun-2021 14:36
Aromatics >C21 - C35	< 0.00900		0.00900	0.00900	mg/L	1	15-Jun-2021 14:36
<i>Surr: 1-Chlorooctadecane</i>	<i>45.8</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 14:36</i>
<i>Surr: 2-Bromonaphthalene</i>	<i>96.4</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 14:36</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>97.9</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 14:36</i>
<i>Surr: o-Terphenyl</i>	<i>72.4</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 14:36</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-11
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:00
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 03:00
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:00
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:00
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:00
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:00
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 03:00
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 03:00
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 03:00
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:00
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:00
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 03:00
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:00
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 03:00
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 03:00
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 03:00
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 03:00
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-11
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:00
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:00
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>104</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:00</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>92.8</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:00</i>
<i>Surr: Dibromofluoromethane</i>	<i>102</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:00</i>
<i>Surr: Toluene-d8</i>	<i>95.7</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:00</i>
MASSACHUSETTS VPH		Method:MA VPH		Analyst: QX			
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 00:10
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 00:10
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 00:10
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	<i>113</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 00:10</i>
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	<i>121</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 00:10</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-11
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3510 / 07-Jun-2021		Analyst: GEY
1,1'-Biphenyl	< 0.000024		0.000024	0.00020	mg/L	1	09-Jun-2021 16:27
1,2,4-Trichlorobenzene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:27
1,3-Dinitrobenzene	< 0.000079		0.000079	0.00020	mg/L	1	09-Jun-2021 16:27
2,3,4,6-Tetrachlorophenol	< 0.000055		0.000055	0.00020	mg/L	1	09-Jun-2021 16:27
2,4,5-Trichlorophenol	< 0.000057		0.000057	0.00020	mg/L	1	09-Jun-2021 16:27
2,4,6-Trichlorophenol	< 0.000048		0.000048	0.00020	mg/L	1	09-Jun-2021 16:27
2,4-Dichlorophenol	< 0.000043		0.000043	0.00020	mg/L	1	09-Jun-2021 16:27
2,4-Dimethylphenol	< 0.000040		0.000040	0.00020	mg/L	1	09-Jun-2021 16:27
2,4-Dinitrophenol	< 0.00010		0.00010	0.0010	mg/L	1	09-Jun-2021 16:27
2,4-Dinitrotoluene	< 0.000058		0.000058	0.00020	mg/L	1	09-Jun-2021 16:27
2,6-Dinitrotoluene	< 0.000042		0.000042	0.00020	mg/L	1	09-Jun-2021 16:27
2-Chloronaphthalene	< 0.000021		0.000021	0.00020	mg/L	1	09-Jun-2021 16:27
2-Chlorophenol	< 0.000036		0.000036	0.00020	mg/L	1	09-Jun-2021 16:27
2-Methylnaphthalene	0.000025	J	0.000019	0.00010	mg/L	1	09-Jun-2021 16:27
2-Nitroaniline	< 0.000041		0.000041	0.00020	mg/L	1	09-Jun-2021 16:27
3,3'-Dichlorobenzidine	< 0.000044		0.000044	0.00020	mg/L	1	09-Jun-2021 16:27
3-Nitroaniline	< 0.000049		0.000049	0.00020	mg/L	1	09-Jun-2021 16:27
4-Chloroaniline	< 0.000039		0.000039	0.00020	mg/L	1	09-Jun-2021 16:27
4-Nitroaniline	< 0.000035		0.000035	0.00020	mg/L	1	09-Jun-2021 16:27
4-Nitrophenol	< 0.000047		0.000047	0.0010	mg/L	1	09-Jun-2021 16:27
Acenaphthene	< 0.000027		0.000027	0.00010	mg/L	1	09-Jun-2021 16:27
Acenaphthylene	< 0.000015		0.000015	0.00010	mg/L	1	09-Jun-2021 16:27
Aniline	< 0.000020		0.000020	0.00020	mg/L	1	09-Jun-2021 16:27
Anthracene	< 0.000014		0.000014	0.00010	mg/L	1	09-Jun-2021 16:27
Benz(a)anthracene	< 0.000050		0.000050	0.00010	mg/L	1	09-Jun-2021 16:27
Benzo(a)pyrene	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:27
Benzo(b)fluoranthene	< 0.000023		0.000023	0.00010	mg/L	1	09-Jun-2021 16:27
Benzo(k)fluoranthene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:27
Bis(2-chloroethyl)ether	< 0.000026		0.000026	0.00020	mg/L	1	09-Jun-2021 16:27
Bis(2-chloroisopropyl)ether	< 0.000070		0.000070	0.00020	mg/L	1	09-Jun-2021 16:27
Bis(2-ethylhexyl)phthalate	0.00019	J	0.000037	0.00020	mg/L	1	09-Jun-2021 16:27
Butyl benzyl phthalate	< 0.000019		0.000019	0.00020	mg/L	1	09-Jun-2021 16:27
Chrysene	< 0.000021		0.000021	0.00010	mg/L	1	09-Jun-2021 16:27
Di-n-octyl phthalate	< 0.000020		0.000020	0.00020	mg/L	1	09-Jun-2021 16:27
Dibenz(a,h)anthracene	< 0.000024		0.000024	0.00010	mg/L	1	09-Jun-2021 16:27
Dibenzofuran	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:27
Diethyl phthalate	0.0069		0.000030	0.00020	mg/L	1	09-Jun-2021 16:27
Dimethyl phthalate	< 0.000041		0.000041	0.00020	mg/L	1	09-Jun-2021 16:27
Fluoranthene	< 0.000010		0.000010	0.00010	mg/L	1	09-Jun-2021 16:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW3A
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-11
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 07-Jun-2021		Analyst: GEY	
Fluorene	< 0.000030		0.000030	0.00010	mg/L	1	09-Jun-2021 16:27
Hexachlorobenzene	< 0.000044		0.000044	0.00020	mg/L	1	09-Jun-2021 16:27
Hexachlorobutadiene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:27
Hexachlorocyclopentadiene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:27
Hexachloroethane	< 0.000059		0.000059	0.00020	mg/L	1	09-Jun-2021 16:27
Indeno(1,2,3-cd)pyrene	< 0.000022		0.000022	0.00010	mg/L	1	09-Jun-2021 16:27
Isophorone	< 0.000025		0.000025	0.00020	mg/L	1	09-Jun-2021 16:27
N-Nitrosodi-n-propylamine	< 0.000032		0.000032	0.00020	mg/L	1	09-Jun-2021 16:27
N-Nitrosodiphenylamine	< 0.000025		0.000025	0.00020	mg/L	1	09-Jun-2021 16:27
Naphthalene	0.000055	J	0.000020	0.00010	mg/L	1	09-Jun-2021 16:27
Nitrobenzene	< 0.000024		0.000024	0.00020	mg/L	1	09-Jun-2021 16:27
Pentachlorophenol	< 0.000079		0.000079	0.00020	mg/L	1	09-Jun-2021 16:27
Phenanthrene	< 0.000021		0.000021	0.00010	mg/L	1	09-Jun-2021 16:27
Phenol	< 0.000035		0.000035	0.00020	mg/L	1	09-Jun-2021 16:27
Pyrene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:27
<i>Surr: 2,4,6-Tribromophenol</i>	<i>101</i>			<i>34-129</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:27</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>69.2</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:27</i>
<i>Surr: 2-Fluorophenol</i>	<i>66.0</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:27</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>113</i>			<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:27</i>
<i>Surr: Nitrobenzene-d5</i>	<i>67.3</i>			<i>41-120</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:27</i>
<i>Surr: Phenol-d6</i>	<i>69.1</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 16:27</i>
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3510 / 10-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 16:12
Aliphatics >C12 - C16	< 0.00200		0.00200	0.00200	mg/L	1	15-Jun-2021 16:12
Aliphatics >C16 - C35	< 0.00800		0.00800	0.00800	mg/L	1	15-Jun-2021 16:12
Aromatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 16:12
Aromatics >C12 - C16	< 0.00400		0.00400	0.00400	mg/L	1	15-Jun-2021 16:12
Aromatics >C16 - C21	< 0.00300		0.00300	0.00300	mg/L	1	15-Jun-2021 16:12
Aromatics >C21 - C35	< 0.00900		0.00900	0.00900	mg/L	1	15-Jun-2021 16:12
<i>Surr: 1-Chlorooctadecane</i>	<i>60.1</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 16:12</i>
<i>Surr: 2-Bromonaphthalene</i>	<i>95.6</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 16:12</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>101</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 16:12</i>
<i>Surr: o-Terphenyl</i>	<i>74.4</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 16:12</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW2
 Collection Date: 03-Jun-2021 14:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-12
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:22
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 03:22
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:22
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:22
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:22
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:22
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 03:22
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 03:22
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 03:22
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:22
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:22
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 03:22
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:22
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 03:22
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 03:22
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 03:22
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 03:22
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW2
 Collection Date: 03-Jun-2021 14:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-12
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C			Method:SW8260			Analyst: AKP	
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:22
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:22
Surr: 1,2-Dichloroethane-d4	102			70-126	%REC	1	12-Jun-2021 03:22
Surr: 4-Bromofluorobenzene	94.5			81-113	%REC	1	12-Jun-2021 03:22
Surr: Dibromofluoromethane	104			77-123	%REC	1	12-Jun-2021 03:22
Surr: Toluene-d8	98.6			82-127	%REC	1	12-Jun-2021 03:22
MASSACHUSETTS VPH			Method:MA VPH			Analyst: QX	
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 00:38
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 00:38
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 00:38
Surr: 2,5-Dibromotoluene (Aliphatic)	122			70-130	%REC	1	09-Jun-2021 00:38
Surr: 2,5-Dibromotoluene (Aromatic)	123			70-130	%REC	1	09-Jun-2021 00:38
MASSACHUSETTS EPH			Method:MA EPH			Prep:SW3510 / 10-Jun-2021 Analyst: PPM	
Aliphatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 16:45
Aliphatics >C12 - C16	< 0.00200		0.00200	0.00200	mg/L	1	15-Jun-2021 16:45
Aliphatics >C16 - C35	< 0.00800		0.00800	0.00800	mg/L	1	15-Jun-2021 16:45
Aromatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 16:45
Aromatics >C12 - C16	< 0.00400		0.00400	0.00400	mg/L	1	15-Jun-2021 16:45
Aromatics >C16 - C21	< 0.00300		0.00300	0.00300	mg/L	1	15-Jun-2021 16:45
Aromatics >C21 - C35	< 0.00900		0.00900	0.00900	mg/L	1	15-Jun-2021 16:45
Surr: 1-Chlorooctadecane	57.8			40-140	%REC	1	15-Jun-2021 16:45
Surr: 2-Bromonaphthalene	92.5			40-140	%REC	1	15-Jun-2021 16:45
Surr: 2-Fluorobiphenyl	89.6			40-140	%REC	1	15-Jun-2021 16:45
Surr: o-Terphenyl	73.4			40-140	%REC	1	15-Jun-2021 16:45

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW1
 Collection Date: 03-Jun-2021 14:45

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-13
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:44
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 03:44
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:44
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:44
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:44
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:44
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 03:44
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 03:44
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 03:44
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:44
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 03:44
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 03:44
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 03:44
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 03:44
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 03:44
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 03:44
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 03:44
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW1
 Collection Date: 03-Jun-2021 14:45

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-13
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 03:44
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 03:44
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>104</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:44</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>92.0</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:44</i>
<i>Surr: Dibromofluoromethane</i>	<i>104</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:44</i>
<i>Surr: Toluene-d8</i>	<i>96.7</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 03:44</i>
MASSACHUSETTS VPH		Method:MA VPH		Analyst: QX			
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 01:06
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 01:06
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 01:06
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	<i>122</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 01:06</i>
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	<i>125</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 01:06</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW1
 Collection Date: 03-Jun-2021 14:45

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-13
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3510 / 07-Jun-2021		Analyst: GEY
1,1'-Biphenyl	< 0.000024		0.000024	0.00020	mg/L	1	09-Jun-2021 16:47
1,2,4-Trichlorobenzene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:47
1,3-Dinitrobenzene	< 0.000079		0.000079	0.00020	mg/L	1	09-Jun-2021 16:47
2,3,4,6-Tetrachlorophenol	< 0.000055		0.000055	0.00020	mg/L	1	09-Jun-2021 16:47
2,4,5-Trichlorophenol	< 0.000057		0.000057	0.00020	mg/L	1	09-Jun-2021 16:47
2,4,6-Trichlorophenol	< 0.000048		0.000048	0.00020	mg/L	1	09-Jun-2021 16:47
2,4-Dichlorophenol	< 0.000043		0.000043	0.00020	mg/L	1	09-Jun-2021 16:47
2,4-Dimethylphenol	< 0.000040		0.000040	0.00020	mg/L	1	09-Jun-2021 16:47
2,4-Dinitrophenol	< 0.00010		0.00010	0.0010	mg/L	1	09-Jun-2021 16:47
2,4-Dinitrotoluene	< 0.000058		0.000058	0.00020	mg/L	1	09-Jun-2021 16:47
2,6-Dinitrotoluene	< 0.000042		0.000042	0.00020	mg/L	1	09-Jun-2021 16:47
2-Chloronaphthalene	< 0.000021		0.000021	0.00020	mg/L	1	09-Jun-2021 16:47
2-Chlorophenol	< 0.000036		0.000036	0.00020	mg/L	1	09-Jun-2021 16:47
2-Methylnaphthalene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:47
2-Nitroaniline	< 0.000041		0.000041	0.00020	mg/L	1	09-Jun-2021 16:47
3,3'-Dichlorobenzidine	< 0.000044		0.000044	0.00020	mg/L	1	09-Jun-2021 16:47
3-Nitroaniline	< 0.000049		0.000049	0.00020	mg/L	1	09-Jun-2021 16:47
4-Chloroaniline	< 0.000039		0.000039	0.00020	mg/L	1	09-Jun-2021 16:47
4-Nitroaniline	< 0.000035		0.000035	0.00020	mg/L	1	09-Jun-2021 16:47
4-Nitrophenol	< 0.000047		0.000047	0.0010	mg/L	1	09-Jun-2021 16:47
Acenaphthene	< 0.000027		0.000027	0.00010	mg/L	1	09-Jun-2021 16:47
Acenaphthylene	< 0.000015		0.000015	0.00010	mg/L	1	09-Jun-2021 16:47
Aniline	< 0.000020		0.000020	0.00020	mg/L	1	09-Jun-2021 16:47
Anthracene	< 0.000014		0.000014	0.00010	mg/L	1	09-Jun-2021 16:47
Benz(a)anthracene	< 0.000050		0.000050	0.00010	mg/L	1	09-Jun-2021 16:47
Benzo(a)pyrene	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:47
Benzo(b)fluoranthene	< 0.000023		0.000023	0.00010	mg/L	1	09-Jun-2021 16:47
Benzo(k)fluoranthene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:47
Bis(2-chloroethyl)ether	< 0.000026		0.000026	0.00020	mg/L	1	09-Jun-2021 16:47
Bis(2-chloroisopropyl)ether	< 0.000070		0.000070	0.00020	mg/L	1	09-Jun-2021 16:47
Bis(2-ethylhexyl)phthalate	0.00032		0.000037	0.00020	mg/L	1	09-Jun-2021 16:47
Butyl benzyl phthalate	< 0.000019		0.000019	0.00020	mg/L	1	09-Jun-2021 16:47
Chrysene	< 0.000021		0.000021	0.00010	mg/L	1	09-Jun-2021 16:47
Di-n-octyl phthalate	< 0.000020		0.000020	0.00020	mg/L	1	09-Jun-2021 16:47
Dibenz(a,h)anthracene	< 0.000024		0.000024	0.00010	mg/L	1	09-Jun-2021 16:47
Dibenzofuran	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:47
Diethyl phthalate	0.00034		0.000030	0.00020	mg/L	1	09-Jun-2021 16:47
Dimethyl phthalate	< 0.000041		0.000041	0.00020	mg/L	1	09-Jun-2021 16:47
Fluoranthene	< 0.000010		0.000010	0.00010	mg/L	1	09-Jun-2021 16:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: TW1
 Collection Date: 03-Jun-2021 14:45

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-13
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 07-Jun-2021		Analyst: GEY	
Fluorene	< 0.000030		0.000030	0.00010	mg/L	1	09-Jun-2021 16:47
Hexachlorobenzene	< 0.000044		0.000044	0.00020	mg/L	1	09-Jun-2021 16:47
Hexachlorobutadiene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:47
Hexachlorocyclopentadiene	< 0.000030		0.000030	0.00020	mg/L	1	09-Jun-2021 16:47
Hexachloroethane	< 0.000059		0.000059	0.00020	mg/L	1	09-Jun-2021 16:47
Indeno(1,2,3-cd)pyrene	< 0.000022		0.000022	0.00010	mg/L	1	09-Jun-2021 16:47
Isophorone	< 0.000025		0.000025	0.00020	mg/L	1	09-Jun-2021 16:47
N-Nitrosodi-n-propylamine	< 0.000032		0.000032	0.00020	mg/L	1	09-Jun-2021 16:47
N-Nitrosodiphenylamine	< 0.000025		0.000025	0.00020	mg/L	1	09-Jun-2021 16:47
Naphthalene	< 0.000020		0.000020	0.00010	mg/L	1	09-Jun-2021 16:47
Nitrobenzene	< 0.000024		0.000024	0.00020	mg/L	1	09-Jun-2021 16:47
Pentachlorophenol	< 0.000079		0.000079	0.00020	mg/L	1	09-Jun-2021 16:47
Phenanthrene	< 0.000021		0.000021	0.00010	mg/L	1	09-Jun-2021 16:47
Phenol	< 0.000035		0.000035	0.00020	mg/L	1	09-Jun-2021 16:47
Pyrene	< 0.000019		0.000019	0.00010	mg/L	1	09-Jun-2021 16:47
<i>Surr: 2,4,6-Tribromophenol</i>	99.2			34-129	%REC	1	09-Jun-2021 16:47
<i>Surr: 2-Fluorobiphenyl</i>	58.3			40-125	%REC	1	09-Jun-2021 16:47
<i>Surr: 2-Fluorophenol</i>	58.2			20-120	%REC	1	09-Jun-2021 16:47
<i>Surr: 4-Terphenyl-d14</i>	91.6			40-135	%REC	1	09-Jun-2021 16:47
<i>Surr: Nitrobenzene-d5</i>	57.3			41-120	%REC	1	09-Jun-2021 16:47
<i>Surr: Phenol-d6</i>	57.7			20-120	%REC	1	09-Jun-2021 16:47
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3510 / 10-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 17:16
Aliphatics >C12 - C16	< 0.00200		0.00200	0.00200	mg/L	1	15-Jun-2021 17:16
Aliphatics >C16 - C35	< 0.00800		0.00800	0.00800	mg/L	1	15-Jun-2021 17:16
Aromatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 17:16
Aromatics >C12 - C16	< 0.00400		0.00400	0.00400	mg/L	1	15-Jun-2021 17:16
Aromatics >C16 - C21	< 0.00300		0.00300	0.00300	mg/L	1	15-Jun-2021 17:16
Aromatics >C21 - C35	< 0.00900		0.00900	0.00900	mg/L	1	15-Jun-2021 17:16
<i>Surr: 1-Chlorooctadecane</i>	54.8			40-140	%REC	1	15-Jun-2021 17:16
<i>Surr: 2-Bromonaphthalene</i>	95.5			40-140	%REC	1	15-Jun-2021 17:16
<i>Surr: 2-Fluorobiphenyl</i>	94.5			40-140	%REC	1	15-Jun-2021 17:16
<i>Surr: o-Terphenyl</i>	75.1			40-140	%REC	1	15-Jun-2021 17:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: RB1
 Collection Date: 03-Jun-2021 12:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-14
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:06
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 04:06
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:06
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:06
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:06
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:06
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 04:06
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 04:06
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 04:06
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:06
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:06
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 04:06
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:06
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 04:06
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 04:06
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 04:06
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 04:06
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: RB1
 Collection Date: 03-Jun-2021 12:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-14
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:06
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:06
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>101</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:06</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>91.4</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:06</i>
<i>Surr: Dibromofluoromethane</i>	<i>101</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:06</i>
<i>Surr: Toluene-d8</i>	<i>95.5</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:06</i>
MASSACHUSETTS VPH		Method:MA VPH		Analyst: QX			
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 01:34
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 01:34
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	09-Jun-2021 01:34
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	<i>116</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 01:34</i>
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	<i>122</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>09-Jun-2021 01:34</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: RB1
 Collection Date: 03-Jun-2021 12:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-14
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 07-Jun-2021		Analyst: GEY	
1,1'-Biphenyl	< 0.000024		0.000024	0.00020	mg/L	1	08-Jun-2021 21:23
1,2,4-Trichlorobenzene	< 0.000030		0.000030	0.00020	mg/L	1	08-Jun-2021 21:23
1,3-Dinitrobenzene	< 0.000079		0.000079	0.00020	mg/L	1	08-Jun-2021 21:23
2,3,4,6-Tetrachlorophenol	< 0.000055		0.000055	0.00020	mg/L	1	08-Jun-2021 21:23
2,4,5-Trichlorophenol	< 0.000057		0.000057	0.00020	mg/L	1	08-Jun-2021 21:23
2,4,6-Trichlorophenol	< 0.000048		0.000048	0.00020	mg/L	1	08-Jun-2021 21:23
2,4-Dichlorophenol	< 0.000043		0.000043	0.00020	mg/L	1	08-Jun-2021 21:23
2,4-Dimethylphenol	< 0.000040		0.000040	0.00020	mg/L	1	08-Jun-2021 21:23
2,4-Dinitrophenol	< 0.00010		0.00010	0.0010	mg/L	1	08-Jun-2021 21:23
2,4-Dinitrotoluene	< 0.000058		0.000058	0.00020	mg/L	1	08-Jun-2021 21:23
2,6-Dinitrotoluene	< 0.000042		0.000042	0.00020	mg/L	1	08-Jun-2021 21:23
2-Chloronaphthalene	< 0.000021		0.000021	0.00020	mg/L	1	08-Jun-2021 21:23
2-Chlorophenol	< 0.000036		0.000036	0.00020	mg/L	1	08-Jun-2021 21:23
2-Methylnaphthalene	< 0.000019		0.000019	0.00010	mg/L	1	08-Jun-2021 21:23
2-Nitroaniline	< 0.000041		0.000041	0.00020	mg/L	1	08-Jun-2021 21:23
3,3'-Dichlorobenzidine	< 0.000044		0.000044	0.00020	mg/L	1	08-Jun-2021 21:23
3-Nitroaniline	< 0.000049		0.000049	0.00020	mg/L	1	08-Jun-2021 21:23
4-Chloroaniline	< 0.000039		0.000039	0.00020	mg/L	1	08-Jun-2021 21:23
4-Nitroaniline	< 0.000035		0.000035	0.00020	mg/L	1	08-Jun-2021 21:23
4-Nitrophenol	< 0.000047		0.000047	0.0010	mg/L	1	08-Jun-2021 21:23
Acenaphthene	< 0.000027		0.000027	0.00010	mg/L	1	08-Jun-2021 21:23
Acenaphthylene	< 0.000015		0.000015	0.00010	mg/L	1	08-Jun-2021 21:23
Aniline	< 0.000020		0.000020	0.00020	mg/L	1	08-Jun-2021 21:23
Anthracene	< 0.000014		0.000014	0.00010	mg/L	1	08-Jun-2021 21:23
Benz(a)anthracene	< 0.000050		0.000050	0.00010	mg/L	1	08-Jun-2021 21:23
Benzo(a)pyrene	< 0.000020		0.000020	0.00010	mg/L	1	08-Jun-2021 21:23
Benzo(b)fluoranthene	< 0.000023		0.000023	0.00010	mg/L	1	08-Jun-2021 21:23
Benzo(k)fluoranthene	< 0.000019		0.000019	0.00010	mg/L	1	08-Jun-2021 21:23
Bis(2-chloroethyl)ether	< 0.000026		0.000026	0.00020	mg/L	1	08-Jun-2021 21:23
Bis(2-chloroisopropyl)ether	< 0.000070		0.000070	0.00020	mg/L	1	08-Jun-2021 21:23
Bis(2-ethylhexyl)phthalate	0.000088	J	0.000037	0.00020	mg/L	1	08-Jun-2021 21:23
Butyl benzyl phthalate	0.000069	J	0.000019	0.00020	mg/L	1	08-Jun-2021 21:23
Chrysene	< 0.000021		0.000021	0.00010	mg/L	1	08-Jun-2021 21:23
Di-n-octyl phthalate	< 0.000020		0.000020	0.00020	mg/L	1	08-Jun-2021 21:23
Dibenz(a,h)anthracene	< 0.000024		0.000024	0.00010	mg/L	1	08-Jun-2021 21:23
Dibenzofuran	< 0.000020		0.000020	0.00010	mg/L	1	08-Jun-2021 21:23
Diethyl phthalate	0.00057		0.000030	0.00020	mg/L	1	08-Jun-2021 21:23
Dimethyl phthalate	0.00010	J	0.000041	0.00020	mg/L	1	08-Jun-2021 21:23
Fluoranthene	< 0.000010		0.000010	0.00010	mg/L	1	08-Jun-2021 21:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: RB1
 Collection Date: 03-Jun-2021 12:30

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-14
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270		Prep:SW3510 / 07-Jun-2021		Analyst: GEY	
Fluorene	< 0.000030		0.000030	0.00010	mg/L	1	08-Jun-2021 21:23
Hexachlorobenzene	< 0.000044		0.000044	0.00020	mg/L	1	08-Jun-2021 21:23
Hexachlorobutadiene	< 0.000030		0.000030	0.00020	mg/L	1	08-Jun-2021 21:23
Hexachlorocyclopentadiene	< 0.000030		0.000030	0.00020	mg/L	1	08-Jun-2021 21:23
Hexachloroethane	< 0.000059		0.000059	0.00020	mg/L	1	08-Jun-2021 21:23
Indeno(1,2,3-cd)pyrene	< 0.000022		0.000022	0.00010	mg/L	1	08-Jun-2021 21:23
Isophorone	< 0.000025		0.000025	0.00020	mg/L	1	08-Jun-2021 21:23
N-Nitrosodi-n-propylamine	< 0.000032		0.000032	0.00020	mg/L	1	08-Jun-2021 21:23
N-Nitrosodiphenylamine	< 0.000025		0.000025	0.00020	mg/L	1	08-Jun-2021 21:23
Naphthalene	< 0.000020		0.000020	0.00010	mg/L	1	08-Jun-2021 21:23
Nitrobenzene	< 0.000024		0.000024	0.00020	mg/L	1	08-Jun-2021 21:23
Pentachlorophenol	< 0.000079		0.000079	0.00020	mg/L	1	08-Jun-2021 21:23
Phenanthrene	< 0.000021		0.000021	0.00010	mg/L	1	08-Jun-2021 21:23
Phenol	< 0.000035		0.000035	0.00020	mg/L	1	08-Jun-2021 21:23
Pyrene	< 0.000019		0.000019	0.00010	mg/L	1	08-Jun-2021 21:23
<i>Surr: 2,4,6-Tribromophenol</i>	<i>71.7</i>			<i>34-129</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 21:23</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>57.5</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 21:23</i>
<i>Surr: 2-Fluorophenol</i>	<i>52.4</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 21:23</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>77.4</i>			<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 21:23</i>
<i>Surr: Nitrobenzene-d5</i>	<i>50.1</i>			<i>41-120</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 21:23</i>
<i>Surr: Phenol-d6</i>	<i>51.0</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 21:23</i>
MASSACHUSETTS EPH		Method:MA EPH		Prep:SW3510 / 10-Jun-2021		Analyst: PPM	
Aliphatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 17:49
Aliphatics >C12 - C16	< 0.00200		0.00200	0.00200	mg/L	1	15-Jun-2021 17:49
Aliphatics >C16 - C35	< 0.00800		0.00800	0.00800	mg/L	1	15-Jun-2021 17:49
Aromatics >C10 - C12	< 0.00100		0.00100	0.00100	mg/L	1	15-Jun-2021 17:49
Aromatics >C12 - C16	< 0.00400		0.00400	0.00400	mg/L	1	15-Jun-2021 17:49
Aromatics >C16 - C21	< 0.00300		0.00300	0.00300	mg/L	1	15-Jun-2021 17:49
Aromatics >C21 - C35	< 0.00900		0.00900	0.00900	mg/L	1	15-Jun-2021 17:49
<i>Surr: 1-Chlorooctadecane</i>	<i>54.1</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 17:49</i>
<i>Surr: 2-Bromonaphthalene</i>	<i>99.8</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 17:49</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>84.3</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 17:49</i>
<i>Surr: o-Terphenyl</i>	<i>79.2</i>			<i>40-140</i>	<i>%REC</i>	<i>1</i>	<i>15-Jun-2021 17:49</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: FB1
 Collection Date: 03-Jun-2021 12:45

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-15
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:28
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 04:28
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:28
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:28
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:28
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:28
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 04:28
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 04:28
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 04:28
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:28
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 04:28
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 04:28
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 04:28
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 04:28
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 04:28
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 04:28
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 04:28
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: FB1
 Collection Date: 03-Jun-2021 12:45

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-15
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 04:28
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 04:28
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>101</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:28</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>98.8</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:28</i>
<i>Surr: Dibromofluoromethane</i>	<i>102</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:28</i>
<i>Surr: Toluene-d8</i>	<i>102</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 04:28</i>
MASSACHUSETTS VPH		Method:MA VPH		Analyst: QX			
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:03
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:03
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:03
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	<i>119</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 19:03</i>
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	<i>122</i>			<i>70-130</i>	<i>%REC</i>	<i>1</i>	<i>08-Jun-2021 19:03</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 2 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-16
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	11-Jun-2021 23:41
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	11-Jun-2021 23:41
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	11-Jun-2021 23:41
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	11-Jun-2021 23:41
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	11-Jun-2021 23:41
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	11-Jun-2021 23:41
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	11-Jun-2021 23:41
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	11-Jun-2021 23:41
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	11-Jun-2021 23:41
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	11-Jun-2021 23:41
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	11-Jun-2021 23:41
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	11-Jun-2021 23:41
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	11-Jun-2021 23:41
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	11-Jun-2021 23:41
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	11-Jun-2021 23:41
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	11-Jun-2021 23:41
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	11-Jun-2021 23:41
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 2 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-16
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	11-Jun-2021 23:41
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	11-Jun-2021 23:41
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>100.0</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 23:41</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>97.2</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 23:41</i>
<i>Surr: Dibromofluoromethane</i>	<i>97.7</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 23:41</i>
<i>Surr: Toluene-d8</i>	<i>103</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 23:41</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 2 VPH
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-17
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
MASSACHUSETTS VPH			Method:MA VPH				Analyst: QX
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:31
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:31
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:31
Surr: 2,5-Dibromotoluene (Aliphatic)	118			70-130	%REC	1	08-Jun-2021 19:31
Surr: 2,5-Dibromotoluene (Aromatic)	123			70-130	%REC	1	08-Jun-2021 19:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 3 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-18
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:03
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 00:03
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:03
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:03
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:03
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:03
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 00:03
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 00:03
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 00:03
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:03
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:03
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 00:03
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:03
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 00:03
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 00:03
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 00:03
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 00:03
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 3 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-18
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:03
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:03
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>101</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:03</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>94.1</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:03</i>
<i>Surr: Dibromofluoromethane</i>	<i>101</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:03</i>
<i>Surr: Toluene-d8</i>	<i>98.3</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:03</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 3 VPH
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-19
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
MASSACHUSETTS VPH			Method:MA VPH				Analyst: QX
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:59
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:59
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 19:59
Surr: 2,5-Dibromotoluene (Aliphatic)	120			70-130	%REC	1	08-Jun-2021 19:59
Surr: 2,5-Dibromotoluene (Aromatic)	121			70-130	%REC	1	08-Jun-2021 19:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 4 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-20
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:25
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 00:25
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:25
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:25
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:25
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:25
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 00:25
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 00:25
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 00:25
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:25
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:25
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 00:25
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:25
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 00:25
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 00:25
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 00:25
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 00:25
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 4 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-20
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:25
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:25
<i>Surr: 1,2-Dichloroethane-d4</i>	98.1			70-126	%REC	1	12-Jun-2021 00:25
<i>Surr: 4-Bromofluorobenzene</i>	93.9			81-113	%REC	1	12-Jun-2021 00:25
<i>Surr: Dibromofluoromethane</i>	98.6			77-123	%REC	1	12-Jun-2021 00:25
<i>Surr: Toluene-d8</i>	98.3			82-127	%REC	1	12-Jun-2021 00:25

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 4 VPH
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT

WorkOrder:HS21060258
 Lab ID:HS21060258-21
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
MASSACHUSETTS VPH			Method:MA VPH				Analyst: QX
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 20:27
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 20:27
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 20:27
Surr: 2,5-Dibromotoluene (Aliphatic)	113			70-130	%REC	1	08-Jun-2021 20:27
Surr: 2,5-Dibromotoluene (Aromatic)	125			70-130	%REC	1	08-Jun-2021 20:27

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 5 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-22
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260					Analyst: AKP
1,1,1,2-Tetrachloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
1,1,1-Trichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
1,1,2,2-Tetrachloroethane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:47
1,1,2-Trichloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
1,1-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
1,1-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
1,2-Dibromo-3-chloropropane	< 0.0010		0.0010	0.0010	mg/L	1	12-Jun-2021 00:47
1,2-Dichlorobenzene	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:47
1,2-Dichloroethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
1,2-Dichloropropane	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:47
1,3-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:47
1,4-Dichlorobenzene	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:47
2-Butanone	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 00:47
4-Methyl-2-pentanone	< 0.00070		0.00070	0.0020	mg/L	1	12-Jun-2021 00:47
Acetone	< 0.0020		0.0020	0.0020	mg/L	1	12-Jun-2021 00:47
Benzene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
Bromodichloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
Bromoform	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:47
Bromomethane	< 0.00040		0.00040	0.0010	mg/L	1	12-Jun-2021 00:47
Carbon disulfide	< 0.00060		0.00060	0.0020	mg/L	1	12-Jun-2021 00:47
Carbon tetrachloride	< 0.00050		0.00050	0.0010	mg/L	1	12-Jun-2021 00:47
Chlorobenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Chloroethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Chloroform	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
Chloromethane	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
cis-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
cis-1,3-Dichloropropene	< 0.00010		0.00010	0.0010	mg/L	1	12-Jun-2021 00:47
Dibromochloromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Ethylbenzene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Isobutyl alcohol	< 0.010		0.010	0.020	mg/L	1	12-Jun-2021 00:47
m,p-Xylene	< 0.00050		0.00050	0.0020	mg/L	1	12-Jun-2021 00:47
Methyl tert-butyl ether	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
Methylene chloride	< 0.0010		0.0010	0.0020	mg/L	1	12-Jun-2021 00:47
o-Xylene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Styrene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Tetrachloroethene	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Toluene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
trans-1,2-Dichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
trans-1,3-Dichloropropene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 5 VOC
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-22
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP			
Trichloroethene	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
Trichlorofluoromethane	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
Vinyl chloride	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
Xylenes, Total	< 0.00030		0.00030	0.0010	mg/L	1	12-Jun-2021 00:47
1,2-Dichloroethene, Total	< 0.00020		0.00020	0.0010	mg/L	1	12-Jun-2021 00:47
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>100</i>			<i>70-126</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:47</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>94.9</i>			<i>81-113</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:47</i>
<i>Surr: Dibromofluoromethane</i>	<i>101</i>			<i>77-123</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:47</i>
<i>Surr: Toluene-d8</i>	<i>97.4</i>			<i>82-127</i>	<i>%REC</i>	<i>1</i>	<i>12-Jun-2021 00:47</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaa Environmental, LLC
 Project: Opelousas LA TBA
 Sample ID: Trip Blank 5 VPH
 Collection Date: 03-Jun-2021 00:00

ANALYTICAL REPORT
 WorkOrder:HS21060258
 Lab ID:HS21060258-23
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
MASSACHUSETTS VPH			Method:MA VPH				Analyst: QX
Aliphatics >C6 - C8	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 20:55
Aliphatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 20:55
Aromatics >C8 - C10	< 0.0100		0.0100	0.0100	mg/L	1	08-Jun-2021 20:55
Surr: 2,5-Dibromotoluene (Aliphatic)	121			70-130	%REC	1	08-Jun-2021 20:55
Surr: 2,5-Dibromotoluene (Aromatic)	123			70-130	%REC	1	08-Jun-2021 20:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Leaaf Environmental, LLC

Project: Opelousas LA TBA

WorkOrder: HS21060258

Batch ID: 4314 Start Date: 04 Jun 2021 16:54 End Date: 04 Jun 2021 16:54

Method: VOLATILES BY SW8260C

Sample ID	Container	Sample Wt/Vol	Final Volume	Weight Factor	Container Type
HS21060258-01	1	5.947 (g)	5 (mL)	0.84	Encore (5035A)
HS21060258-02	1	5.808 (g)	5 (mL)	0.86	Encore (5035A)
HS21060258-03	1	5.389 (g)	5 (mL)	0.93	Encore (5035A)
HS21060258-04	1	4.765 (g)	5 (mL)	1.05	Encore (5035A)
HS21060258-05	1	4.938 (g)	5 (mL)	1.01	Encore (5035A)
HS21060258-06	1	4.868 (g)	5 (mL)	1.03	Encore (5035A)
HS21060258-07	1	4.916 (g)	5 (mL)	1.02	Encore (5035A)
HS21060258-08	1	5.089 (g)	5 (mL)	0.98	Encore (5035A)
HS21060258-09	1	5.183 (g)	5 (mL)	0.96	Encore (5035A)

Batch ID: 4315 Start Date: 04 Jun 2021 16:57 End Date: 04 Jun 2021 16:57

Method: MASSACHUSETTS VPH

Prep Code:

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060258-01	1	5.509 (g)	5 (mL)	0.91	Encore (5035A)
HS21060258-02	1	4.838 (g)	5 (mL)	1.03	Encore (5035A)
HS21060258-03	1	5.35 (g)	5 (mL)	0.93	Encore (5035A)
HS21060258-04	1	5.678 (g)	5 (mL)	0.88	Encore (5035A)
HS21060258-05	1	4.691 (g)	5 (mL)	1.07	Encore (5035A)
HS21060258-06	1	5.419 (g)	5 (mL)	0.92	Encore (5035A)
HS21060258-07	1	4.776 (g)	5 (mL)	1.05	Encore (5035A)
HS21060258-08	1	5.405 (g)	5 (mL)	0.93	Encore (5035A)
HS21060258-09	1	4.591 (g)	5 (mL)	1.09	Encore (5035A)

Batch ID: 166589 Start Date: 07 Jun 2021 08:00 End Date: 07 Jun 2021 13:00

Method: SV AQ SEP FUN EXTRACT-LOWLEV - 3510C

Prep Code: 3510_B_LOW

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060258-10	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS21060258-11	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS21060258-13	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat
HS21060258-14	1	1000 (mL)	1 (mL)	0.001	1-liter amber glass, Neat

Batch ID: 166631 Start Date: 08 Jun 2021 09:30 End Date: 08 Jun 2021 13:00

Method: MA EPH EXTRACTION-FRACTIONATION

Prep Code: MA EPH_SPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060258-01		10.27 (g)	2 (mL)	0.1947	4-oz glass, Neat
HS21060258-02		10.18 (g)	2 (mL)	0.1965	4-oz glass, Neat
HS21060258-03		10.11 (g)	2 (mL)	0.1978	4-oz glass, Neat
HS21060258-04		10.1 (g)	2 (mL)	0.198	4-oz glass, Neat
HS21060258-05		10.27 (g)	2 (mL)	0.1947	4-oz glass, Neat
HS21060258-06		10.24 (g)	2 (mL)	0.1953	4-oz glass, Neat
HS21060258-07		10.16 (g)	2 (mL)	0.1969	4-oz glass, Neat
HS21060258-08		10.15 (g)	2 (mL)	0.197	4-oz glass, Neat
HS21060258-09		10.06 (g)	2 (mL)	0.1988	4-oz glass, Neat

Weight / Prep Log

Client: Leaaf Environmental, LLC

Project: Opelousas LA TBA

WorkOrder: HS21060258

Batch ID: 166742 Start Date: 10 Jun 2021 09:56 End Date: 10 Jun 2021 14:00

Method: MA EPH EXTRACTION-FRACTIONATION Prep Code: MA EPH_WPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060258-10	1	1000 (mL)	2 (mL)	0.002	1-liter amber glass, HCl to pH <2
HS21060258-11	1	1000 (mL)	2 (mL)	0.002	1-liter amber glass, HCl to pH <2
HS21060258-12	1	1000 (mL)	2 (mL)	0.002	1-liter amber glass, HCl to pH <2
HS21060258-13	1	1000 (mL)	2 (mL)	0.002	1-liter amber glass, HCl to pH <2
HS21060258-14	1	1000 (mL)	2 (mL)	0.002	1-liter amber glass, HCl to pH <2

Batch ID: 166754 Start Date: 10 Jun 2021 09:30 End Date: 10 Jun 2021 21:00

Method: SV SOXHLET EXTRACT-LOWLEVEL-SW3541 Prep Code: 3541_B_LOW

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060258-01		30.17 (g)	1 (mL)	0.03315	4-oz glass, Neat
HS21060258-02		30.04 (g)	1 (mL)	0.03329	4-oz glass, Neat
HS21060258-03		30.15 (g)	1 (mL)	0.03317	4-oz glass, Neat
HS21060258-04		30.01 (g)	1 (mL)	0.03332	4-oz glass, Neat
HS21060258-05		30.15 (g)	1 (mL)	0.03317	4-oz glass, Neat
HS21060258-06		30.45 (g)	1 (mL)	0.03284	4-oz glass, Neat
HS21060258-07		30.33 (g)	1 (mL)	0.03297	4-oz glass, Neat
HS21060258-08		30.29 (g)	1 (mL)	0.03301	4-oz glass, Neat
HS21060258-09		30.17 (g)	1 (mL)	0.03315	4-oz glass, Neat

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 166589 (0)		Test Name : LOW-LEVEL SEMIVOLATILES BY 8270D			Matrix: Water	
HS21060258-10	TW3	03 Jun 2021 13:00		07 Jun 2021 12:28	09 Jun 2021 20:41	2
HS21060258-10	TW3	03 Jun 2021 13:00		07 Jun 2021 12:28	09 Jun 2021 16:08	1
HS21060258-11	TW3A	03 Jun 2021 00:00		07 Jun 2021 12:28	09 Jun 2021 16:27	1
HS21060258-13	TW1	03 Jun 2021 14:45		07 Jun 2021 12:28	09 Jun 2021 16:47	1
HS21060258-14	RB1	03 Jun 2021 12:30		07 Jun 2021 12:28	08 Jun 2021 21:23	1
Batch ID: 166631 (0)		Test Name : MASSACHUSETTS EPH			Matrix: Soil	
HS21060258-01	LB3 8-10	03 Jun 2021 09:40		08 Jun 2021 09:30	14 Jun 2021 17:41	1
HS21060258-01	LB3 8-10	03 Jun 2021 09:40		08 Jun 2021 09:30	14 Jun 2021 17:41	1
HS21060258-02	LB3 14-16	03 Jun 2021 09:59		08 Jun 2021 09:30	10 Jun 2021 07:28	1
HS21060258-02	LB3 14-16	03 Jun 2021 09:59		08 Jun 2021 09:30	10 Jun 2021 07:28	1
HS21060258-03	LB2 0-2	03 Jun 2021 10:33		08 Jun 2021 09:30	14 Jun 2021 18:13	1
HS21060258-03	LB2 0-2	03 Jun 2021 10:33		08 Jun 2021 09:30	14 Jun 2021 18:13	1
HS21060258-04	LB2 8-10	03 Jun 2021 10:47		08 Jun 2021 09:30	14 Jun 2021 18:45	1
HS21060258-04	LB2 8-10	03 Jun 2021 10:47		08 Jun 2021 09:30	14 Jun 2021 18:45	1
HS21060258-05	LB2 14-16	03 Jun 2021 11:04		08 Jun 2021 09:30	14 Jun 2021 19:17	1
HS21060258-05	LB2 14-16	03 Jun 2021 11:04		08 Jun 2021 09:30	14 Jun 2021 19:17	1
HS21060258-06	LB1 0-2	03 Jun 2021 11:30		08 Jun 2021 09:30	14 Jun 2021 19:49	1
HS21060258-06	LB1 0-2	03 Jun 2021 11:30		08 Jun 2021 09:30	14 Jun 2021 19:49	1
HS21060258-07	LB1 12-14	03 Jun 2021 11:55		08 Jun 2021 09:30	14 Jun 2021 20:21	1
HS21060258-07	LB1 12-14	03 Jun 2021 11:55		08 Jun 2021 09:30	14 Jun 2021 20:21	1
HS21060258-08	LB1 14-16	03 Jun 2021 11:57		08 Jun 2021 09:30	14 Jun 2021 20:53	1
HS21060258-08	LB1 14-16	03 Jun 2021 11:57		08 Jun 2021 09:30	14 Jun 2021 20:53	1
HS21060258-09	LB1A	03 Jun 2021 00:00		08 Jun 2021 09:30	14 Jun 2021 21:25	1
HS21060258-09	LB1A	03 Jun 2021 00:00		08 Jun 2021 09:30	14 Jun 2021 21:25	1
Batch ID: 166742 (0)		Test Name : MASSACHUSETTS EPH			Matrix: Water	
HS21060258-10	TW3	03 Jun 2021 13:00		10 Jun 2021 09:56	15 Jun 2021 14:36	1
HS21060258-10	TW3	03 Jun 2021 13:00		10 Jun 2021 09:56	15 Jun 2021 14:36	1
HS21060258-11	TW3A	03 Jun 2021 00:00		10 Jun 2021 09:56	15 Jun 2021 16:12	1
HS21060258-11	TW3A	03 Jun 2021 00:00		10 Jun 2021 09:56	15 Jun 2021 16:12	1
HS21060258-12	TW2	03 Jun 2021 14:00		10 Jun 2021 09:56	15 Jun 2021 16:45	1
HS21060258-12	TW2	03 Jun 2021 14:00		10 Jun 2021 09:56	15 Jun 2021 16:45	1
HS21060258-13	TW1	03 Jun 2021 14:45		10 Jun 2021 09:56	15 Jun 2021 17:16	1
HS21060258-13	TW1	03 Jun 2021 14:45		10 Jun 2021 09:56	15 Jun 2021 17:16	1
HS21060258-14	RB1	03 Jun 2021 12:30		10 Jun 2021 09:56	15 Jun 2021 17:49	1
HS21060258-14	RB1	03 Jun 2021 12:30		10 Jun 2021 09:56	15 Jun 2021 17:49	1

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 166754 (0)		Test Name : LOW-LEVEL SEMIVOLATILES BY 8270D			Matrix: Soil	
HS21060258-01	LB3 8-10	03 Jun 2021 09:40		10 Jun 2021 09:30	11 Jun 2021 15:06	1
HS21060258-02	LB3 14-16	03 Jun 2021 09:59		10 Jun 2021 09:30	11 Jun 2021 16:43	1
HS21060258-03	LB2 0-2	03 Jun 2021 10:33		10 Jun 2021 09:30	11 Jun 2021 11:53	1
HS21060258-04	LB2 8-10	03 Jun 2021 10:47		10 Jun 2021 09:30	11 Jun 2021 12:12	1
HS21060258-05	LB2 14-16	03 Jun 2021 11:04		10 Jun 2021 09:30	11 Jun 2021 12:31	1
HS21060258-06	LB1 0-2	03 Jun 2021 11:30		10 Jun 2021 09:30	11 Jun 2021 12:51	1
HS21060258-07	LB1 12-14	03 Jun 2021 11:55		10 Jun 2021 09:30	11 Jun 2021 13:10	1
HS21060258-08	LB1 14-16	03 Jun 2021 11:57		10 Jun 2021 09:30	11 Jun 2021 13:29	1
HS21060258-09	LB1A	03 Jun 2021 00:00		10 Jun 2021 09:30	11 Jun 2021 13:49	1
Batch ID: R385093 (0)		Test Name : MASSACHUSETTS VPH			Matrix: Soil	
HS21060258-01	LB3 8-10	03 Jun 2021 09:40			05 Jun 2021 02:27	50
HS21060258-02	LB3 14-16	03 Jun 2021 09:59			05 Jun 2021 02:55	50
HS21060258-03	LB2 0-2	03 Jun 2021 10:33			05 Jun 2021 04:19	50
HS21060258-04	LB2 8-10	03 Jun 2021 10:47			05 Jun 2021 04:47	50
HS21060258-05	LB2 14-16	03 Jun 2021 11:04			05 Jun 2021 05:15	50
HS21060258-06	LB1 0-2	03 Jun 2021 11:30			05 Jun 2021 05:43	50
HS21060258-07	LB1 12-14	03 Jun 2021 11:55			05 Jun 2021 06:10	50
HS21060258-08	LB1 14-16	03 Jun 2021 11:57			05 Jun 2021 06:38	50
HS21060258-09	LB1A	03 Jun 2021 00:00			05 Jun 2021 08:30	50
Batch ID: R385095 (0)		Test Name : MASSACHUSETTS VPH			Matrix: Soil	
HS21060258-01	LB3 8-10	03 Jun 2021 09:40			05 Jun 2021 02:27	50
HS21060258-02	LB3 14-16	03 Jun 2021 09:59			05 Jun 2021 02:55	50
HS21060258-03	LB2 0-2	03 Jun 2021 10:33			05 Jun 2021 04:19	50
HS21060258-04	LB2 8-10	03 Jun 2021 10:47			05 Jun 2021 04:47	50
HS21060258-05	LB2 14-16	03 Jun 2021 11:04			05 Jun 2021 05:15	50
HS21060258-06	LB1 0-2	03 Jun 2021 11:30			05 Jun 2021 05:43	50
HS21060258-07	LB1 12-14	03 Jun 2021 11:55			05 Jun 2021 06:10	50
HS21060258-08	LB1 14-16	03 Jun 2021 11:57			05 Jun 2021 06:38	50
HS21060258-09	LB1A	03 Jun 2021 00:00			05 Jun 2021 08:30	50

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R385195 (0)		Test Name : MASSACHUSETTS VPH			Matrix: Water	
HS21060258-10	TW3	03 Jun 2021 13:00			08 Jun 2021 21:23	1
HS21060258-11	TW3A	03 Jun 2021 00:00			09 Jun 2021 00:10	1
HS21060258-12	TW2	03 Jun 2021 14:00			09 Jun 2021 00:38	1
HS21060258-13	TW1	03 Jun 2021 14:45			09 Jun 2021 01:06	1
HS21060258-14	RB1	03 Jun 2021 12:30			09 Jun 2021 01:34	1
HS21060258-15	FB1	03 Jun 2021 12:45			08 Jun 2021 19:03	1
HS21060258-17	Trip Blank 2 VPH	03 Jun 2021 00:00			08 Jun 2021 19:31	1
HS21060258-19	Trip Blank 3 VPH	03 Jun 2021 00:00			08 Jun 2021 19:59	1
HS21060258-21	Trip Blank 4 VPH	03 Jun 2021 00:00			08 Jun 2021 20:27	1
HS21060258-23	Trip Blank 5 VPH	03 Jun 2021 00:00			08 Jun 2021 20:55	1
Batch ID: R385201 (0)		Test Name : MASSACHUSETTS VPH			Matrix: Water	
HS21060258-10	TW3	03 Jun 2021 13:00			08 Jun 2021 21:23	1
HS21060258-11	TW3A	03 Jun 2021 00:00			09 Jun 2021 00:10	1
HS21060258-12	TW2	03 Jun 2021 14:00			09 Jun 2021 00:38	1
HS21060258-13	TW1	03 Jun 2021 14:45			09 Jun 2021 01:06	1
HS21060258-14	RB1	03 Jun 2021 12:30			09 Jun 2021 01:34	1
HS21060258-15	FB1	03 Jun 2021 12:45			08 Jun 2021 19:03	1
HS21060258-17	Trip Blank 2 VPH	03 Jun 2021 00:00			08 Jun 2021 19:31	1
HS21060258-19	Trip Blank 3 VPH	03 Jun 2021 00:00			08 Jun 2021 19:59	1
HS21060258-21	Trip Blank 4 VPH	03 Jun 2021 00:00			08 Jun 2021 20:27	1
HS21060258-23	Trip Blank 5 VPH	03 Jun 2021 00:00			08 Jun 2021 20:55	1
Batch ID: R385301 (0)		Test Name : MOISTURE - ASTM D2216			Matrix: Soil	
HS21060258-01	LB3 8-10	03 Jun 2021 09:40			09 Jun 2021 16:54	1
HS21060258-02	LB3 14-16	03 Jun 2021 09:59			09 Jun 2021 16:54	1
HS21060258-03	LB2 0-2	03 Jun 2021 10:33			09 Jun 2021 16:54	1
HS21060258-04	LB2 8-10	03 Jun 2021 10:47			09 Jun 2021 16:54	1
HS21060258-05	LB2 14-16	03 Jun 2021 11:04			09 Jun 2021 16:54	1
Batch ID: R385377 (0)		Test Name : VOLATILES BY SW8260C			Matrix: Soil	
HS21060258-01	LB3 8-10	03 Jun 2021 09:40			11 Jun 2021 11:48	1
HS21060258-02	LB3 14-16	03 Jun 2021 09:59			11 Jun 2021 10:17	1
HS21060258-03	LB2 0-2	03 Jun 2021 10:33			11 Jun 2021 12:11	1
HS21060258-04	LB2 8-10	03 Jun 2021 10:47			11 Jun 2021 12:34	1
HS21060258-05	LB2 14-16	03 Jun 2021 11:04			11 Jun 2021 12:57	1
HS21060258-06	LB1 0-2	03 Jun 2021 11:30			11 Jun 2021 13:20	1
HS21060258-07	LB1 12-14	03 Jun 2021 11:55			11 Jun 2021 13:43	1
HS21060258-08	LB1 14-16	03 Jun 2021 11:57			11 Jun 2021 14:06	1
HS21060258-09	LB1A	03 Jun 2021 00:00			11 Jun 2021 14:28	1

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R385397 (0)		Test Name : MOISTURE - ASTM D2216			Matrix: Soil	
HS21060258-06	LB1 0-2	03 Jun 2021 11:30			10 Jun 2021 13:34	1
HS21060258-07	LB1 12-14	03 Jun 2021 11:55			10 Jun 2021 13:34	1
HS21060258-08	LB1 14-16	03 Jun 2021 11:57			10 Jun 2021 13:34	1
HS21060258-09	LB1A	03 Jun 2021 00:00			10 Jun 2021 13:34	1
Batch ID: R385449 (0)		Test Name : LOW LEVEL VOLATILES BY SW8260C			Matrix: Water	
HS21060258-10	TW3	03 Jun 2021 13:00			12 Jun 2021 01:31	1
HS21060258-11	TW3A	03 Jun 2021 00:00			12 Jun 2021 03:00	1
HS21060258-12	TW2	03 Jun 2021 14:00			12 Jun 2021 03:22	1
HS21060258-13	TW1	03 Jun 2021 14:45			12 Jun 2021 03:44	1
HS21060258-14	RB1	03 Jun 2021 12:30			12 Jun 2021 04:06	1
HS21060258-15	FB1	03 Jun 2021 12:45			12 Jun 2021 04:28	1
HS21060258-16	Trip Blank 2 VOC	03 Jun 2021 00:00			11 Jun 2021 23:41	1
HS21060258-18	Trip Blank 3 VOC	03 Jun 2021 00:00			12 Jun 2021 00:03	1
HS21060258-20	Trip Blank 4 VOC	03 Jun 2021 00:00			12 Jun 2021 00:25	1
HS21060258-22	Trip Blank 5 VOC	03 Jun 2021 00:00			12 Jun 2021 00:47	1

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166631 (0)	Instrument: FID-7	Method: MASSACHUSETTS EPH
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MBLK	Sample ID: MBLK-166631	Units: mg/Kg	Analysis Date: 10-Jun-2021 03:12							
Client ID:	Run ID: FID-7_385319	SeqNo: 6131121	PrepDate: 08-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aliphatics >C10 - C12	< 2.50	2.50								
Aliphatics >C12 - C16	< 5.00	5.00								
Aliphatics >C16 - C35	< 5.00	5.00								
<i>Surr: 1-Chlorooctadecane</i>	2.361	0.100	4	0	59.0	40 - 140				

MBLK	Sample ID: MBLK-166631	Units: mg/Kg	Analysis Date: 10-Jun-2021 03:12							
Client ID:	Run ID: FID-8_385322	SeqNo: 6131204	PrepDate: 08-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aromatics >C10 - C12	< 2.50	2.50								
Aromatics >C12 - C16	< 5.00	5.00								
Aromatics >C16 - C21	< 5.00	5.00								
Aromatics >C21 - C35	< 5.00	5.00								
<i>Surr: 2-Bromonaphthalene</i>	2.333	0.100	4	0	58.3	40 - 140				
<i>Surr: 2-Fluorobiphenyl</i>	2.522	0.100	4	0	63.1	40 - 140				
<i>Surr: o-Terphenyl</i>	2.379	0.100	4	0	59.5	40 - 140				

LCS	Sample ID: LCS-166631	Units: mg/Kg	Analysis Date: 10-Jun-2021 03:44							
Client ID:	Run ID: FID-7_385319	SeqNo: 6131122	PrepDate: 08-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aliphatics >C10 - C12	4.678	2.50	5	0	93.6	40 - 140				
Aliphatics >C12 - C16	9.686	5.00	10	0	96.9	40 - 140				
Aliphatics >C16 - C35	38.24	5.00	40	0	95.6	40 - 140				
<i>Surr: 1-Chlorooctadecane</i>	2.373	0.100	4	0	59.3	40 - 140				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166631 (0)		Instrument: FID-7		Method: MASSACHUSETTS EPH					
LCS	Sample ID: LCS-166631	Units: mg/Kg			Analysis Date: 10-Jun-2021 03:44				
Client ID:		Run ID: FID-8_385322		SeqNo: 6131205	PrepDate: 08-Jun-2021	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C10 - C12	3.475	2.50	5	0	69.5	40 - 140			
Aromatics >C12 - C16	12.87	5.00	20	0	64.4	40 - 140			
Aromatics >C16 - C21	7.854	5.00	15	0	52.4	40 - 140			
Aromatics >C21 - C35	20.76	5.00	45	0	46.1	40 - 140			
Surr: 2-Bromonaphthalene	2.164	0.100	4	0	54.1	40 - 140			
Surr: 2-Fluorobiphenyl	1.814	0.100	4	0	45.4	40 - 140			
Surr: o-Terphenyl	2.587	0.100	4	0	64.7	40 - 140			

MS	Sample ID: HS21060258-02MS	Units: mg/Kg			Analysis Date: 10-Jun-2021 08:00				
Client ID: LB3 14-16		Run ID: FID-7_385319		SeqNo: 6131130	PrepDate: 08-Jun-2021	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aliphatics >C10 - C12	4.325	2.47	4.936	0	87.6	40 - 140			
Aliphatics >C12 - C16	10.11	4.94	9.872	0	102	40 - 140			
Aliphatics >C16 - C35	48.61	4.94	39.49	0	123	40 - 140			
Surr: 1-Chlorooctadecane	3.094	0.0987	3.949	0	78.4	40 - 140			

MS	Sample ID: HS21060258-02MS	Units: mg/Kg			Analysis Date: 10-Jun-2021 08:00				
Client ID: LB3 14-16		Run ID: FID-8_385322		SeqNo: 6131213	PrepDate: 08-Jun-2021	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C10 - C12	3.519	2.47	4.936	0	71.3	40 - 140			
Aromatics >C12 - C16	11.15	4.94	19.74	0	56.5	40 - 140			
Aromatics >C16 - C21	8.186	4.94	14.81	0	55.3	40 - 140			
Aromatics >C21 - C35	24.29	4.94	44.42	0	54.7	40 - 140			
Surr: 2-Bromonaphthalene	2.688	0.0987	3.949	0	68.1	40 - 140			
Surr: 2-Fluorobiphenyl	1.585	0.0987	3.949	0	40.1	40 - 140			
Surr: o-Terphenyl	2.384	0.0987	3.949	0	60.4	40 - 140			

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166631 (0) **Instrument:** FID-7 **Method:** MASSACHUSETTS EPH

MSD		Sample ID: HS21060258-02MSD			Units: mg/Kg		Analysis Date: 10-Jun-2021 08:43			
Client ID: LB3 14-16		Run ID: FID-7_385319			SeqNo: 6131147		PrepDate: 08-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aliphatics >C10 - C12	4.055	2.50	4.995	0	81.2	40 - 140	4.325	6.45	50	
Aliphatics >C12 - C16	8.523	5.00	9.99	0	85.3	40 - 140	10.11	17	50	
Aliphatics >C16 - C35	31.12	5.00	39.96	0	77.9	40 - 140	48.61	43.9	50	
<i>Surr: 1-Chlorooctadecane</i>	1.983	0.0999	3.996	0	49.6	40 - 140	3.094	43.8	50	

MSD		Sample ID: HS21060258-02MSD			Units: mg/Kg		Analysis Date: 10-Jun-2021 08:43			
Client ID: LB3 14-16		Run ID: FID-8_385322			SeqNo: 6131214		PrepDate: 08-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aromatics >C10 - C12	5.696	2.50	4.995	0	114	40 - 140	3.519	47.3	50	
Aromatics >C12 - C16	15.04	5.00	19.98	0	75.3	40 - 140	11.15	29.7	50	
Aromatics >C16 - C21	8.725	5.00	14.98	0	58.2	40 - 140	8.186	6.38	50	
Aromatics >C21 - C35	23.13	5.00	44.96	0	51.4	40 - 140	24.29	4.91	50	
<i>Surr: 2-Bromonaphthalene</i>	2.89	0.0999	3.996	0	72.3	40 - 140	2.688	7.26	50	
<i>Surr: 2-Fluorobiphenyl</i>	1.666	0.0999	3.996	0	41.7	40 - 140	1.585	4.99	50	
<i>Surr: o-Terphenyl</i>	2.599	0.0999	3.996	0	65.0	40 - 140	2.384	8.63	50	

The following samples were analyzed in this batch:

HS21060258-01	HS21060258-02	HS21060258-03	HS21060258-04
HS21060258-05	HS21060258-06	HS21060258-07	HS21060258-08
HS21060258-09			

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166742 (0) **Instrument:** FID-7 **Method:** MASSACHUSETTS EPH

MBLK		Sample ID: MBLK-166742		Units: mg/L		Analysis Date: 15-Jun-2021 13:32			
Client ID:		Run ID: FID-7_385649		SeqNo: 6138718		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aliphatics >C10 - C12	< 0.00100	0.00100							
Aliphatics >C12 - C16	< 0.00200	0.00200							
Aliphatics >C16 - C35	< 0.00800	0.00800							
<i>Surr: 1-Chlorooctadecane</i>	0.01896	0	0.04	0	47.4	40 - 140			

MBLK		Sample ID: MBLK-166742		Units: mg/L		Analysis Date: 15-Jun-2021 13:32			
Client ID:		Run ID: FID-8_385646		SeqNo: 6138622		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aromatics >C10 - C12	< 0.00100	0.00100							
Aromatics >C12 - C16	< 0.00400	0.00400							
Aromatics >C16 - C21	< 0.00300	0.00300							
Aromatics >C21 - C35	< 0.00900	0.00900							
<i>Surr: 2-Bromonaphthalene</i>	0.03916	0	0.04	0	97.9	40 - 140			
<i>Surr: 2-Fluorobiphenyl</i>	0.04197	0	0.04	0	105	40 - 140			
<i>Surr: o-Terphenyl</i>	0.03052	0	0.04	0	76.3	40 - 140			

LCS		Sample ID: LCS-166742		Units: mg/L		Analysis Date: 15-Jun-2021 14:04			
Client ID:		Run ID: FID-7_385649		SeqNo: 6138719		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aliphatics >C10 - C12	0.04087	0.00100	0.05	0	81.7	40 - 140			
Aliphatics >C12 - C16	0.08537	0.00200	0.1	0	85.4	40 - 140			
Aliphatics >C16 - C35	0.3502	0.00800	0.4	0	87.5	40 - 140			
<i>Surr: 1-Chlorooctadecane</i>	0.02234	0	0.04	0	55.8	40 - 140			

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166742 (0) **Instrument:** FID-7 **Method:** MASSACHUSETTS EPH

LCS		Sample ID: LCS-166742			Units: mg/L		Analysis Date: 15-Jun-2021 14:04			
Client ID:		Run ID: FID-8_385646			SeqNo: 6138623		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aromatics >C10 - C12	0.05219	0.00100	0.05	0	104	40 - 140				
Aromatics >C12 - C16	0.1927	0.00400	0.2	0	96.3	40 - 140				
Aromatics >C16 - C21	0.147	0.00300	0.15	0	98.0	40 - 140				
Aromatics >C21 - C35	0.4637	0.00900	0.45	0	103	40 - 140				
Surr: 2-Bromonaphthalene	0.04241	0	0.04	0	106	40 - 140				
Surr: 2-Fluorobiphenyl	0.04153	0	0.04	0	104	40 - 140				
Surr: o-Terphenyl	0.03271	0	0.04	0	81.8	40 - 140				

MS		Sample ID: HS21060258-10MS			Units: mg/L		Analysis Date: 15-Jun-2021 15:08			
Client ID: TW3		Run ID: FID-7_385649			SeqNo: 6138721		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aliphatics >C10 - C12	0.0375	0.00100	0.05	0	75.0	40 - 140				
Aliphatics >C12 - C16	0.08107	0.00200	0.1	0	81.1	40 - 140				
Aliphatics >C16 - C35	0.3615	0.00800	0.4	0	90.4	40 - 140				
Surr: 1-Chlorooctadecane	0.02278	0	0.04	0	56.9	40 - 140				

MS		Sample ID: HS21060258-10MS			Units: mg/L		Analysis Date: 15-Jun-2021 15:08			
Client ID: TW3		Run ID: FID-8_385646			SeqNo: 6138625		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aromatics >C10 - C12	0.05248	0.00100	0.05	0	105	40 - 140				
Aromatics >C12 - C16	0.2039	0.00400	0.2	0	102	40 - 140				
Aromatics >C16 - C21	0.1636	0.00300	0.15	0	109	40 - 140				
Aromatics >C21 - C35	0.5406	0.00900	0.45	0	120	40 - 140				
Surr: 2-Bromonaphthalene	0.04245	0	0.04	0	106	40 - 140				
Surr: 2-Fluorobiphenyl	0.03513	0	0.04	0	87.8	40 - 140				
Surr: o-Terphenyl	0.03547	0	0.04	0	88.7	40 - 140				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166742 (0) **Instrument:** FID-7 **Method:** MASSACHUSETTS EPH

MSD		Sample ID: HS21060258-10MSD			Units: mg/L		Analysis Date: 15-Jun-2021 15:40			
Client ID: TW3		Run ID: FID-7_385649			SeqNo: 6138722		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aliphatics >C10 - C12	0.03591	0.00100	0.05	0	71.8	40 - 140	0.0375	4.33	50	
Aliphatics >C12 - C16	0.07689	0.00200	0.1	0	76.9	40 - 140	0.08107	5.29	50	
Aliphatics >C16 - C35	0.3223	0.00800	0.4	0	80.6	40 - 140	0.3615	11.4	50	
<i>Surr: 1-Chlorooctadecane</i>	<i>0.0199</i>	<i>0</i>	<i>0.04</i>	<i>0</i>	<i>49.8</i>	<i>40 - 140</i>	<i>0.02278</i>	<i>13.5</i>	<i>50</i>	

MSD		Sample ID: HS21060258-10MSD			Units: mg/L		Analysis Date: 15-Jun-2021 15:40			
Client ID: TW3		Run ID: FID-8_385646			SeqNo: 6138626		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aromatics >C10 - C12	0.04314	0.00100	0.05	0	86.3	40 - 140	0.05248	19.5	50	
Aromatics >C12 - C16	0.169	0.00400	0.2	0	84.5	40 - 140	0.2039	18.7	50	
Aromatics >C16 - C21	0.1279	0.00300	0.15	0	85.3	40 - 140	0.1636	24.5	50	
Aromatics >C21 - C35	0.4167	0.00900	0.45	0	92.6	40 - 140	0.5406	25.9	50	
<i>Surr: 2-Bromonaphthalene</i>	<i>0.04088</i>	<i>0</i>	<i>0.04</i>	<i>0</i>	<i>102</i>	<i>40 - 140</i>	<i>0.04245</i>	<i>3.78</i>	<i>50</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>0.03233</i>	<i>0</i>	<i>0.04</i>	<i>0</i>	<i>80.8</i>	<i>40 - 140</i>	<i>0.03513</i>	<i>8.3</i>	<i>50</i>	
<i>Surr: o-Terphenyl</i>	<i>0.02771</i>	<i>0</i>	<i>0.04</i>	<i>0</i>	<i>69.3</i>	<i>40 - 140</i>	<i>0.03547</i>	<i>24.6</i>	<i>50</i>	

The following samples were analyzed in this batch: HS21060258-10 HS21060258-11 HS21060258-12 HS21060258-13
 HS21060258-14

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385093 (0)		Instrument: FID-14		Method: MASSACHUSETTS VPH					
MBLK	Sample ID: MBLK-210602	Units: mg/Kg			Analysis Date: 04-Jun-2021 20:51				
Client ID:	Run ID: FID-14_385093	SeqNo: 6125507		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aliphatics >C6 - C8	< 0.500	0.500							
Aliphatics >C8 - C10	< 0.500	0.500							
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	15.58	0.500	12.5	0	125	70 - 130			

LCS	Sample ID: LCS-210602	Units: mg/Kg			Analysis Date: 04-Jun-2021 20:23				
Client ID:	Run ID: FID-14_385093	SeqNo: 6125506		PrepDate:			DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aliphatics >C6 - C8	0.02504	0.0100	0.025	0	100	60 - 140			
Aliphatics >C8 - C10	0.02275	0.0100	0.025	0	91.0	60 - 140			
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	0.2484	0.0100	0.25	0	99.3	70 - 130			

MS	Sample ID: HS21060258-02MS	Units: mg/Kg			Analysis Date: 05-Jun-2021 03:23				
Client ID: LB3 14-16	Run ID: FID-14_385093	SeqNo: 6125512		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aliphatics >C6 - C8	1.283	0.530	1.325	0	96.8	60 - 140			
Aliphatics >C8 - C10	1.129	0.530	1.325	0	85.2	60 - 140			
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	14.8	0.530	13.25	0	112	70 - 130			

MSD	Sample ID: HS21060258-02MSD	Units: mg/Kg			Analysis Date: 05-Jun-2021 03:51				
Client ID: LB3 14-16	Run ID: FID-14_385093	SeqNo: 6125513		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aliphatics >C6 - C8	1.061	0.455	1.138	0	93.3	60 - 140	1.283	18.9	25
Aliphatics >C8 - C10	0.9373	0.455	1.138	0	82.4	60 - 140	1.129	18.6	25
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	12.29	0.455	11.38	0	108	70 - 130	14.8	18.5	25

The following samples were analyzed in this batch:

HS21060258-01	HS21060258-02	HS21060258-03	HS21060258-04
HS21060258-05	HS21060258-06	HS21060258-07	HS21060258-08
HS21060258-09			

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385095 (0)		Instrument: FID-15		Method: MASSACHUSETTS VPH					
MBLK	Sample ID: MBLK-210602	Units: mg/Kg			Analysis Date: 04-Jun-2021 20:51				
Client ID:	Run ID: FID-15_385095	SeqNo: 6125546		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C8 - C10	< 0.500	0.500							
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	15.17	0.500	12.5	0	121	70 - 130			

LCS	Sample ID: LCS-210602	Units: mg/Kg			Analysis Date: 04-Jun-2021 20:23				
Client ID:	Run ID: FID-15_385095	SeqNo: 6125545		PrepDate:			DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C8 - C10	0.1026	0.0100	0.1	0	103	60 - 140			
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	0.2464	0.0100	0.25	0	98.6	70 - 130			

MS	Sample ID: HS21060258-02MS	Units: mg/Kg			Analysis Date: 05-Jun-2021 03:23				
Client ID: LB3 14-16	Run ID: FID-15_385095	SeqNo: 6125559		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C8 - C10	5.062	0.530	5.3	0	95.5	60 - 140			
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	16.35	0.530	13.25	0	123	70 - 130			

MS	Sample ID: HS21051520-07MS	Units: mg/Kg			Analysis Date: 05-Jun-2021 00:08				
Client ID:	Run ID: FID-15_385095	SeqNo: 6125553		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C8 - C10	5.548	0.585	5.85	0	94.8	60 - 140			
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	17.1	0.585	14.62	0	117	70 - 130			

MSD	Sample ID: HS21060258-02MSD	Units: mg/Kg			Analysis Date: 05-Jun-2021 03:51				
Client ID: LB3 14-16	Run ID: FID-15_385095	SeqNo: 6125560		PrepDate:			DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aromatics >C8 - C10	4.15	0.455	4.55	0	91.2	60 - 140	5.062	19.8	25
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	13.71	0.455	11.38	0	121	70 - 130	16.35	17.6	25

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385095 (0) Instrument: FID-15 Method: MASSACHUSETTS VPH

MSD Sample ID: HS21051520-07MSD Units: mg/Kg Analysis Date: 05-Jun-2021 00:36
Client ID: Run ID: FID-15_385095 SeqNo: 6125554 PrepDate: DF: 50
Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Aromatics >C8 - C10	5.392	0.585	5.85	0	92.2	60 - 140	5.548	2.85	25
Surr: 2,5-Dibromotoluene (Aromatic)	16.94	0.585	14.62	0	116	70 - 130	17.1	0.963	25

The following samples were analyzed in this batch: HS21060258-01 HS21060258-02 HS21060258-03 HS21060258-04
HS21060258-05 HS21060258-06 HS21060258-07 HS21060258-08
HS21060258-09

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385195 (0) **Instrument:** FID-14 **Method:** MASSACHUSETTS VPH

MBLK		Sample ID: MBLK-210608		Units: mg/L		Analysis Date: 08-Jun-2021 18:34			
Client ID:		Run ID: FID-14_385195		SeqNo: 6128567		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aliphatics >C6 - C8	< 0.0100	0.0100							
Aliphatics >C8 - C10	< 0.0100	0.0100							
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	0.289	0.0100	0.25	0	116	70 - 130			

LCS		Sample ID: LCS-210608		Units: mg/L		Analysis Date: 08-Jun-2021 18:06			
Client ID:		Run ID: FID-14_385195		SeqNo: 6128566		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aliphatics >C6 - C8	0.02345	0.0100	0.025	0	93.8	70 - 130			
Aliphatics >C8 - C10	0.02074	0.0100	0.025	0	83.0	70 - 130			
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	0.2283	0.0100	0.25	0	91.3	70 - 130			

MS		Sample ID: HS21060258-10MS		Units: mg/L		Analysis Date: 08-Jun-2021 21:51			
Client ID: TW3		Run ID: FID-14_385195		SeqNo: 6128574		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aliphatics >C6 - C8	0.02526	0.0100	0.025	0	101	70 - 130			
Aliphatics >C8 - C10	0.0225	0.0100	0.025	0	90.0	70 - 130			
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	0.2433	0.0100	0.25	0	97.3	70 - 130			

MSD		Sample ID: HS21060258-10MSD		Units: mg/L		Analysis Date: 08-Jun-2021 22:19			
Client ID: TW3		Run ID: FID-14_385195		SeqNo: 6128575		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Aliphatics >C6 - C8	0.02384	0.0100	0.025	0	95.3	70 - 130	0.02526	5.82	25
Aliphatics >C8 - C10	0.02167	0.0100	0.025	0	86.7	70 - 130	0.0225	3.78	25
<i>Surr: 2,5-Dibromotoluene (Aliphatic)</i>	0.2234	0.0100	0.25	0	89.3	70 - 130	0.2433	8.53	25

The following samples were analyzed in this batch:

HS21060258-10	HS21060258-11	HS21060258-12	HS21060258-13
HS21060258-14	HS21060258-15	HS21060258-17	HS21060258-19
HS21060258-21	HS21060258-23		

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385201 (0)	Instrument: FID-15	Method: MASSACHUSETTS VPH
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MBLK	Sample ID: MBLK-210608	Units: mg/L	Analysis Date: 08-Jun-2021 18:34						
Client ID:	Run ID: FID-15_385201	SeqNo: 6128650	PrepDate:	DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Aromatics >C8 - C10	< 0.0100	0.0100							
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	0.2911	0.0100	0.25	0	116	70 - 130			

LCS	Sample ID: LCS-210608	Units: mg/L	Analysis Date: 08-Jun-2021 18:06						
Client ID:	Run ID: FID-15_385201	SeqNo: 6128649	PrepDate:	DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Aromatics >C8 - C10	0.09666	0.0100	0.1	0	96.7	70 - 130			
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	0.2291	0.0100	0.25	0	91.6	70 - 130			

MS	Sample ID: HS21060258-10MS	Units: mg/L	Analysis Date: 08-Jun-2021 21:51						
Client ID: TW3	Run ID: FID-15_385201	SeqNo: 6128657	PrepDate:	DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Aromatics >C8 - C10	0.08988	0.0100	0.1	0	89.9	70 - 130			
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	0.2293	0.0100	0.25	0	91.7	70 - 130			

MSD	Sample ID: HS21060258-10MSD	Units: mg/L	Analysis Date: 08-Jun-2021 22:19						
Client ID: TW3	Run ID: FID-15_385201	SeqNo: 6128658	PrepDate:	DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Aromatics >C8 - C10	0.08328	0.0100	0.1	0	83.3	70 - 130	0.08988	7.63	25
<i>Surr: 2,5-Dibromotoluene (Aromatic)</i>	0.2047	0.0100	0.25	0	81.9	70 - 130	0.2293	11.3	25

The following samples were analyzed in this batch:

HS21060258-10	HS21060258-11	HS21060258-12	HS21060258-13
HS21060258-14	HS21060258-15	HS21060258-17	HS21060258-19
HS21060258-21	HS21060258-23		

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-166589	Units: ug/L			Analysis Date: 08-Jun-2021 10:48					
Client ID:	Run ID: SV-7_385230	SeqNo: 6129708	PrepDate: 07-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	< 0.024	0.20								
1,2,4-Trichlorobenzene	< 0.030	0.20								
1,3-Dinitrobenzene	< 0.079	0.20								
2,3,4,6-Tetrachlorophenol	< 0.055	0.20								
2,4,5-Trichlorophenol	< 0.057	0.20								
2,4,6-Trichlorophenol	< 0.048	0.20								
2,4-Dichlorophenol	< 0.043	0.20								
2,4-Dimethylphenol	< 0.040	0.20								
2,4-Dinitrophenol	< 0.10	1.0								
2,4-Dinitrotoluene	< 0.058	0.20								
2,6-Dinitrotoluene	< 0.042	0.20								
2-Chloronaphthalene	< 0.021	0.20								
2-Chlorophenol	< 0.036	0.20								
2-Methylnaphthalene	< 0.019	0.10								
2-Nitroaniline	< 0.041	0.20								
3,3'-Dichlorobenzidine	< 0.044	0.20								
3-Nitroaniline	< 0.049	0.20								
4-Chloroaniline	< 0.039	0.20								
4-Nitroaniline	< 0.035	0.20								
4-Nitrophenol	< 0.047	1.0								
Acenaphthene	< 0.027	0.10								
Acenaphthylene	< 0.015	0.10								
Aniline	< 0.020	0.20								
Anthracene	< 0.014	0.10								
Benz(a)anthracene	< 0.050	0.10								
Benzo(a)pyrene	< 0.020	0.10								
Benzo(b)fluoranthene	< 0.023	0.10								
Benzo(k)fluoranthene	< 0.019	0.10								
Bis(2-chloroethyl)ether	< 0.026	0.20								
Bis(2-chloroisopropyl)ether	< 0.070	0.20								
Bis(2-ethylhexyl)phthalate	< 0.037	0.20								
Butyl benzyl phthalate	< 0.019	0.20								
Chrysene	< 0.021	0.10								
Dibenz(a,h)anthracene	< 0.024	0.10								

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-166589	Units: ug/L			Analysis Date: 08-Jun-2021 10:48					
Client ID:	Run ID: SV-7_385230	SeqNo: 6129708		PrepDate: 07-Jun-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Dibenzofuran	< 0.020	0.10								
Diethyl phthalate	< 0.030	0.20								
Dimethyl phthalate	< 0.041	0.20								
Di-n-octyl phthalate	< 0.020	0.20								
Fluoranthene	< 0.010	0.10								
Fluorene	< 0.030	0.10								
Hexachlorobenzene	< 0.044	0.20								
Hexachlorobutadiene	< 0.030	0.20								
Hexachlorocyclopentadiene	< 0.030	0.20								
Hexachloroethane	< 0.059	0.20								
Indeno(1,2,3-cd)pyrene	< 0.022	0.10								
Isophorone	< 0.025	0.20								
Naphthalene	< 0.020	0.10								
Nitrobenzene	< 0.024	0.20								
N-Nitrosodi-n-propylamine	< 0.032	0.20								
N-Nitrosodiphenylamine	< 0.025	0.20								
Pentachlorophenol	< 0.079	0.20								
Phenanthrene	< 0.021	0.10								
Phenol	< 0.035	0.20								
Pyrene	< 0.019	0.10								
Surr: 2,4,6-Tribromophenol	4.383	0.20	5	0	87.7	34 - 129				
Surr: 2-Fluorobiphenyl	4.393	0.20	5	0	87.9	40 - 125				
Surr: 2-Fluorophenol	4.142	0.20	5	0	82.8	20 - 120				
Surr: 4-Terphenyl-d14	4.633	0.20	5	0	92.7	40 - 135				
Surr: Nitrobenzene-d5	3.987	0.20	5	0	79.7	41 - 120				
Surr: Phenol-d6	3.981	0.20	5	0	79.6	20 - 120				

Client: Leaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-166589	Units: ug/L			Analysis Date: 08-Jun-2021 11:08					
Client ID:	Run ID: SV-7_385230	SeqNo: 6129709	PrepDate: 07-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	4.607	0.20	5	0	92.1	45 - 125				
1,2,4-Trichlorobenzene	4.62	0.20	5	0	92.4	45 - 120				
1,3-Dinitrobenzene	5.615	0.20	5	0	112	40 - 130				
2,3,4,6-Tetrachlorophenol	5.672	0.20	5	0	113	30 - 140				
2,4,5-Trichlorophenol	5.299	0.20	5	0	106	46 - 120				
2,4,6-Trichlorophenol	5.203	0.20	5	0	104	42 - 120				
2,4-Dichlorophenol	5.101	0.20	5	0	102	49 - 120				
2,4-Dimethylphenol	4.879	0.20	5	0	97.6	35 - 120				
2,4-Dinitrophenol	4.394	1.0	5	0	87.9	15 - 120				
2,4-Dinitrotoluene	5.647	0.20	5	0	113	50 - 122				
2,6-Dinitrotoluene	5.5	0.20	5	0	110	50 - 120				
2-Chloronaphthalene	5.004	0.20	5	0	100	50 - 120				
2-Chlorophenol	4.547	0.20	5	0	90.9	40 - 120				
2-Methylnaphthalene	4.776	0.10	5	0	95.5	50 - 120				
2-Nitroaniline	5.227	0.20	5	0	105	28 - 139				
3,3'-Dichlorobenzidine	5.304	0.20	5	0	106	15 - 120				
3-Nitroaniline	4.551	0.20	5	0	91.0	30 - 120				
4-Chloroaniline	4.218	0.20	5	0	84.4	20 - 120				
4-Nitroaniline	5.383	0.20	5	0	108	30 - 133				
4-Nitrophenol	3.214	1.0	5	0	64.3	30 - 130				
Acenaphthene	4.588	0.10	5	0	91.8	45 - 120				
Acenaphthylene	4.727	0.10	5	0	94.5	47 - 120				
Aniline	3.922	0.20	5	0	78.4	10 - 120				
Anthracene	5.302	0.10	5	0	106	45 - 120				
Benz(a)anthracene	5.148	0.10	5	0	103	40 - 120				
Benzo(a)pyrene	5.93	0.10	5	0	119	45 - 120				
Benzo(b)fluoranthene	5.432	0.10	5	0	109	50 - 120				
Benzo(k)fluoranthene	5.45	0.10	5	0	109	45 - 127				
Bis(2-chloroethyl)ether	4.72	0.20	5	0	94.4	37 - 121				
Bis(2-chloroisopropyl)ether	4.24	0.20	5	0	84.8	40 - 120				
Bis(2-ethylhexyl)phthalate	5.964	0.20	5	0	119	40 - 139				
Butyl benzyl phthalate	5.928	0.20	5	0	119	47 - 123				
Chrysene	5.595	0.10	5	0	112	43 - 120				
Dibenz(a,h)anthracene	5.347	0.10	5	0	107	45 - 125				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-166589	Units: ug/L			Analysis Date: 08-Jun-2021 11:08					
Client ID:	Run ID: SV-7_385230	SeqNo: 6129709		PrepDate: 07-Jun-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Dibenzofuran	4.963	0.10	5	0	99.3	50 - 120				
Diethyl phthalate	5.399	0.20	5	0	108	41 - 120				
Dimethyl phthalate	5.311	0.20	5	0	106	40 - 122				
Di-n-octyl phthalate	5.731	0.20	5	0	115	45 - 129				
Fluoranthene	5.643	0.10	5	0	113	45 - 125				
Fluorene	5.116	0.10	5	0	102	49 - 120				
Hexachlorobenzene	5.12	0.20	5	0	102	48 - 120				
Hexachlorobutadiene	4.537	0.20	5	0	90.7	40 - 120				
Hexachlorocyclopentadiene	4.526	0.20	5	0	90.5	34 - 136				
Hexachloroethane	4.154	0.20	5	0	83.1	40 - 120				
Indeno(1,2,3-cd)pyrene	5.575	0.10	5	0	112	41 - 128				
Isophorone	4.767	0.20	5	0	95.3	40 - 121				
Naphthalene	4.567	0.10	5	0	91.3	45 - 120				
Nitrobenzene	4.635	0.20	5	0	92.7	44 - 120				
N-Nitrosodi-n-propylamine	4.762	0.20	5	0	95.2	40 - 120				
N-Nitrosodiphenylamine	5.282	0.20	5	0	106	40 - 125				
Pentachlorophenol	3.425	0.20	5	0	68.5	19 - 121				
Phenanthrene	5.153	0.10	5	0	103	45 - 121				
Phenol	5.061	0.20	5	0	101	20 - 124				
Pyrene	5.52	0.10	5	0	110	40 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>5.821</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>116</i>	<i>34 - 129</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>5.132</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>103</i>	<i>40 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>4.71</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>94.2</i>	<i>20 - 120</i>				
<i>Surr: 4-Terphenyl-d14</i>	<i>5.754</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>115</i>	<i>40 - 135</i>				
<i>Surr: Nitrobenzene-d5</i>	<i>4.894</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>97.9</i>	<i>41 - 120</i>				
<i>Surr: Phenol-d6</i>	<i>4.765</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>95.3</i>	<i>20 - 120</i>				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS		Sample ID: HS21060258-10MS		Units: ug/L		Analysis Date: 08-Jun-2021 20:05				
Client ID: TW3		Run ID: SV-7_385230		SeqNo: 6129710		PrepDate: 07-Jun-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
1,1'-Biphenyl	3.116	0.20	5	0	62.3	45 - 125				
1,2,4-Trichlorobenzene	3.184	0.20	5	0	63.7	45 - 120				
1,3-Dinitrobenzene	4.547	0.20	5	0	90.9	40 - 130				
2,3,4,6-Tetrachlorophenol	5.963	0.20	5	0	119	30 - 140				
2,4,5-Trichlorophenol	4.906	0.20	5	0	98.1	46 - 120				
2,4,6-Trichlorophenol	4.025	0.20	5	0	80.5	42 - 120				
2,4-Dichlorophenol	3.654	0.20	5	0	73.1	49 - 120				
2,4-Dimethylphenol	2.385	0.20	5	0	47.7	35 - 120				
2,4-Dinitrophenol	4.957	1.0	5	0	99.1	15 - 120				
2,4-Dinitrotoluene	5.114	0.20	5	0	102	50 - 122				
2,6-Dinitrotoluene	4.248	0.20	5	0	85.0	50 - 120				
2-Chloronaphthalene	3.945	0.20	5	0	78.9	50 - 120				
2-Chlorophenol	3.284	0.20	5	0	65.7	40 - 120				
2-Methylnaphthalene	3.304	0.10	5	0.04251	65.2	50 - 120				
2-Nitroaniline	5.212	0.20	5	0	104	28 - 139				
3,3'-Dichlorobenzidine	3.431	0.20	5	0	68.6	15 - 120				
3-Nitroaniline	4.443	0.20	5	0	88.9	30 - 120				
4-Chloroaniline	3.543	0.20	5	0	70.9	20 - 120				
4-Nitroaniline	5.547	0.20	5	0	111	30 - 133				
4-Nitrophenol	4.598	1.0	5	0	92.0	30 - 130				
Acenaphthene	3.217	0.10	5	0	64.3	45 - 120				
Acenaphthylene	2.569	0.10	5	0	51.4	47 - 120				
Aniline	2.478	0.20	5	0	49.6	10 - 120				
Anthracene	4.924	0.10	5	0	98.5	45 - 120				
Benz(a)anthracene	5.499	0.10	5	0	110	40 - 120				
Benzo(a)pyrene	5.79	0.10	5	0	116	45 - 120				
Benzo(b)fluoranthene	5.662	0.10	5	0	113	50 - 120				
Benzo(k)fluoranthene	5.202	0.10	5	0	104	45 - 127				
Bis(2-chloroethyl)ether	3.7	0.20	5	0	74.0	37 - 121				
Bis(2-chloroisopropyl)ether	2.808	0.20	5	0	56.2	40 - 120				
Bis(2-ethylhexyl)phthalate	5.58	0.20	5	0.2546	107	40 - 139				
Butyl benzyl phthalate	5.292	0.20	5	0	106	47 - 123				
Chrysene	5.667	0.10	5	0	113	43 - 120				
Dibenz(a,h)anthracene	5.33	0.10	5	0	107	45 - 125				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS	Sample ID: HS21060258-10MS	Units: ug/L			Analysis Date: 08-Jun-2021 20:05					
Client ID: TW3	Run ID: SV-7_385230	SeqNo: 6129710	PrepDate: 07-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Dibenzofuran	3.54	0.10	5	0	70.8	50 - 120				
Diethyl phthalate	15.63	0.20	5	11.04	91.9	41 - 120				E
Dimethyl phthalate	4.155	0.20	5	0	83.1	40 - 122				
Di-n-octyl phthalate	5.901	0.20	5	0	118	45 - 129				
Fluoranthene	5.562	0.10	5	0	111	45 - 125				
Fluorene	3.864	0.10	5	0	77.3	49 - 120				
Hexachlorobenzene	4.388	0.20	5	0	87.8	48 - 120				
Hexachlorobutadiene	3.138	0.20	5	0	62.8	40 - 120				
Hexachlorocyclopentadiene	2.809	0.20	5	0	56.2	34 - 136				
Hexachloroethane	2.995	0.20	5	0	59.9	40 - 120				
Indeno(1,2,3-cd)pyrene	5.484	0.10	5	0	110	41 - 128				
Isophorone	3.072	0.20	5	0	61.4	40 - 121				
Naphthalene	3.328	0.10	5	0.09085	64.7	45 - 120				
Nitrobenzene	3.216	0.20	5	0	64.3	44 - 120				
N-Nitrosodi-n-propylamine	3.219	0.20	5	0	64.4	40 - 120				
N-Nitrosodiphenylamine	4.833	0.20	5	0	96.7	40 - 125				
Pentachlorophenol	5.473	0.20	5	0	109	19 - 121				
Phenanthrene	4.908	0.10	5	0	98.2	45 - 121				
Phenol	3.843	0.20	5	0	76.9	20 - 124				
Pyrene	5.609	0.10	5	0	112	40 - 130				
Surr: 2,4,6-Tribromophenol	5.948	0.20	5	0	119	34 - 129				
Surr: 2-Fluorobiphenyl	3.524	0.20	5	0	70.5	40 - 125				
Surr: 2-Fluorophenol	3.231	0.20	5	0	64.6	20 - 120				
Surr: 4-Terphenyl-d14	5.979	0.20	5	0	120	40 - 135				
Surr: Nitrobenzene-d5	3.256	0.20	5	0	65.1	41 - 120				
Surr: Phenol-d6	3.396	0.20	5	0	67.9	20 - 120				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MSD	Sample ID: HS21060258-10MSD	Units: ug/L			Analysis Date: 08-Jun-2021 20:24					
Client ID: TW3	Run ID: SV-7_385230	SeqNo: 6129954	PrepDate: 07-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	2.817	0.20	5	0	56.3	45 - 125	3.116	10.1	20	
1,2,4-Trichlorobenzene	2.979	0.20	5	0	59.6	45 - 120	3.184	6.64	20	
1,3-Dinitrobenzene	3.98	0.20	5	0	79.6	40 - 130	4.547	13.3	20	
2,3,4,6-Tetrachlorophenol	4.528	0.20	5	0	90.6	30 - 140	5.963	27.4	20	R
2,4,5-Trichlorophenol	4.598	0.20	5	0	92.0	46 - 120	4.906	6.47	20	
2,4,6-Trichlorophenol	3.744	0.20	5	0	74.9	42 - 120	4.025	7.22	20	
2,4-Dichlorophenol	3.4	0.20	5	0	68.0	49 - 120	3.654	7.2	20	
2,4-Dimethylphenol	2.52	0.20	5	0	50.4	35 - 120	2.385	5.52	20	
2,4-Dinitrophenol	4.256	1.0	5	0	85.1	15 - 120	4.957	15.2	50	
2,4-Dinitrotoluene	4.552	0.20	5	0	91.0	50 - 122	5.114	11.6	20	
2,6-Dinitrotoluene	3.892	0.20	5	0	77.8	50 - 120	4.248	8.75	20	
2-Chloronaphthalene	3.5	0.20	5	0	70.0	50 - 120	3.945	12	20	
2-Chlorophenol	3.077	0.20	5	0	61.5	40 - 120	3.284	6.5	20	
2-Methylnaphthalene	3.087	0.10	5	0.04251	60.9	50 - 120	3.304	6.8	20	
2-Nitroaniline	4.954	0.20	5	0	99.1	28 - 139	5.212	5.08	20	
3,3'-Dichlorobenzidine	4.972	0.20	5	0	99.4	15 - 120	3.431	36.7	20	R
3-Nitroaniline	5.59	0.20	5	0	112	30 - 120	4.443	22.9	20	R
4-Chloroaniline	2.737	0.20	5	0	54.7	20 - 120	3.543	25.7	20	R
4-Nitroaniline	5.037	0.20	5	0	101	30 - 133	5.547	9.62	20	
4-Nitrophenol	4.202	1.0	5	0	84.0	30 - 130	4.598	8.99	20	
Acenaphthene	2.909	0.10	5	0	58.2	45 - 120	3.217	10.1	20	
Acenaphthylene	2.527	0.10	5	0	50.5	47 - 120	2.569	1.65	20	
Aniline	2.22	0.20	5	0	44.4	10 - 120	2.478	11	50	
Anthracene	4.423	0.10	5	0	88.5	45 - 120	4.924	10.7	20	
Benz(a)anthracene	5	0.10	5	0	100.0	40 - 120	5.499	9.51	20	
Benzo(a)pyrene	5.505	0.10	5	0	110	45 - 120	5.79	5.04	20	
Benzo(b)fluoranthene	4.939	0.10	5	0	98.8	50 - 120	5.662	13.6	20	
Benzo(k)fluoranthene	5.241	0.10	5	0	105	45 - 127	5.202	0.749	20	
Bis(2-chloroethyl)ether	3.445	0.20	5	0	68.9	37 - 121	3.7	7.15	20	
Bis(2-chloroisopropyl)ether	2.666	0.20	5	0	53.3	40 - 120	2.808	5.19	20	
Bis(2-ethylhexyl)phthalate	5.102	0.20	5	0.2546	96.9	40 - 139	5.58	8.95	20	
Butyl benzyl phthalate	4.976	0.20	5	0	99.5	47 - 123	5.292	6.15	20	
Chrysene	4.942	0.10	5	0	98.8	43 - 120	5.667	13.7	20	
Dibenz(a,h)anthracene	5.119	0.10	5	0	102	45 - 125	5.33	4.04	20	

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166589 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MSD	Sample ID: HS21060258-10MSD	Units: ug/L			Analysis Date: 08-Jun-2021 20:24					
Client ID: TW3	Run ID: SV-7_385230	SeqNo: 6129954	PrepDate: 07-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Dibenzofuran	3.184	0.10	5	0	63.7	50 - 120	3.54	10.6	20	
Diethyl phthalate	13.39	0.20	5	11.04	47.0	41 - 120	15.63	15.5	20	E
Dimethyl phthalate	3.648	0.20	5	0	73.0	40 - 122	4.155	13	20	
Di-n-octyl phthalate	5.224	0.20	5	0	104	45 - 129	5.901	12.2	20	
Fluoranthene	4.923	0.10	5	0	98.5	45 - 125	5.562	12.2	20	
Fluorene	3.51	0.10	5	0	70.2	49 - 120	3.864	9.6	20	
Hexachlorobenzene	3.923	0.20	5	0	78.5	48 - 120	4.388	11.2	20	
Hexachlorobutadiene	2.734	0.20	5	0	54.7	40 - 120	3.138	13.8	20	
Hexachlorocyclopentadiene	2.383	0.20	5	0	47.7	34 - 136	2.809	16.4	20	
Hexachloroethane	2.755	0.20	5	0	55.1	40 - 120	2.995	8.36	20	
Indeno(1,2,3-cd)pyrene	5.666	0.10	5	0	113	41 - 128	5.484	3.25	20	
Isophorone	2.804	0.20	5	0	56.1	40 - 121	3.072	9.12	20	
Naphthalene	3.039	0.10	5	0.09085	59.0	45 - 120	3.328	9.08	20	
Nitrobenzene	2.9	0.20	5	0	58.0	44 - 120	3.216	10.3	20	
N-Nitrosodi-n-propylamine	2.951	0.20	5	0	59.0	40 - 120	3.219	8.66	20	
N-Nitrosodiphenylamine	4.471	0.20	5	0	89.4	40 - 125	4.833	7.77	20	
Pentachlorophenol	4.644	0.20	5	0	92.9	19 - 121	5.473	16.4	20	
Phenanthrene	4.68	0.10	5	0	93.6	45 - 121	4.908	4.75	20	
Phenol	3.405	0.20	5	0	68.1	20 - 124	3.843	12.1	20	
Pyrene	5.125	0.10	5	0	103	40 - 130	5.609	9.01	20	
Surr: 2,4,6-Tribromophenol	5.846	0.20	5	0	117	34 - 129	5.948	1.74	20	
Surr: 2-Fluorobiphenyl	3.103	0.20	5	0	62.1	40 - 125	3.524	12.7	20	
Surr: 2-Fluorophenol	3.01	0.20	5	0	60.2	20 - 120	3.231	7.09	20	
Surr: 4-Terphenyl-d14	5.948	0.20	5	0	119	40 - 135	5.979	0.518	20	
Surr: Nitrobenzene-d5	2.87	0.20	5	0	57.4	41 - 120	3.256	12.6	20	
Surr: Phenol-d6	3.121	0.20	5	0	62.4	20 - 120	3.396	8.44	20	

The following samples were analyzed in this batch:

HS21060258-10	HS21060258-11	HS21060258-13	HS21060258-14
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Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-166754	Units: ug/Kg			Analysis Date: 11-Jun-2021 09:55					
Client ID:	Run ID: SV-7_385505	SeqNo: 6135207	PrepDate: 10-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	< 1.7	6.6								
1,2,4-Trichlorobenzene	< 1.2	6.6								
1,3-Dinitrobenzene	< 2.6	6.6								
2,3,4,6-Tetrachlorophenol	< 2.9	6.6								
2,4,5-Trichlorophenol	< 2.5	6.6								
2,4,6-Trichlorophenol	< 1.7	6.6								
2,4-Dichlorophenol	< 1.3	6.6								
2,4-Dimethylphenol	< 3.3	6.6								
2,4-Dinitrophenol	< 4.5	13								
2,4-Dinitrotoluene	< 0.90	6.6								
2,6-Dinitrotoluene	< 3.3	6.6								
2-Chloronaphthalene	< 1.3	6.6								
2-Chlorophenol	< 1.3	6.6								
2-Methylnaphthalene	< 0.50	3.3								
2-Nitroaniline	< 1.9	6.6								
2-Nitrophenol	< 2.5	6.6								
3,3'-Dichlorobenzidine	< 2.5	6.6								
3-Nitroaniline	< 1.9	6.6								
4-Chloroaniline	< 1.1	6.6								
4-Nitroaniline	< 2.2	6.6								
4-Nitrophenol	< 1.9	13								
Acenaphthene	< 0.50	3.3								
Acenaphthylene	< 1.0	3.3								
Aniline	< 1.4	6.6								
Anthracene	< 0.50	3.3								
Benz(a)anthracene	< 1.6	3.3								
Benzo(a)pyrene	< 1.0	3.3								
Benzo(b)fluoranthene	< 1.2	3.3								
Benzo(k)fluoranthene	< 0.90	3.3								
Bis(2-chloroethyl)ether	< 1.1	6.6								
Bis(2-chloroisopropyl)ether	< 1.4	6.6								
Bis(2-ethylhexyl)phthalate	< 1.7	6.6								
Butyl benzyl phthalate	< 1.3	6.6								
Chrysene	< 0.80	3.3								

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MBLK	Sample ID: MBLK-166754	Units: ug/Kg			Analysis Date: 11-Jun-2021 09:55					
Client ID:	Run ID: SV-7_385505	SeqNo: 6135207	PrepDate: 10-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Dibenz(a,h)anthracene	< 1.6	3.3								
Dibenzofuran	< 0.70	3.3								
Diethyl phthalate	< 1.0	6.6								
Dimethyl phthalate	< 0.80	6.6								
Di-n-octyl phthalate	< 0.90	6.6								
Fluoranthene	< 1.1	3.3								
Fluorene	< 1.1	3.3								
Hexachlorobenzene	< 0.90	6.6								
Hexachlorobutadiene	< 1.2	6.6								
Hexachlorocyclopentadiene	< 0.80	6.6								
Hexachloroethane	< 1.5	6.6								
Indeno(1,2,3-cd)pyrene	< 0.80	3.3								
Isophorone	< 0.80	6.6								
Naphthalene	< 0.60	3.3								
Nitrobenzene	< 0.90	6.6								
N-Nitrosodi-n-propylamine	< 1.1	6.6								
N-Nitrosodiphenylamine	< 0.70	6.6								
Pentachlorophenol	< 3.3	6.6								
Phenanthrene	< 1.5	3.3								
Phenol	< 1.1	6.6								
Pyrene	< 0.60	3.3								
<i>Surr: 2,4,6-Tribromophenol</i>	<i>144.2</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>86.3</i>	<i>36 - 126</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>153.4</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>91.9</i>	<i>43 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>141</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>84.5</i>	<i>37 - 125</i>				
<i>Surr: 4-Terphenyl-d14</i>	<i>159.9</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>95.7</i>	<i>32 - 125</i>				
<i>Surr: Nitrobenzene-d5</i>	<i>140.1</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>83.9</i>	<i>37 - 125</i>				
<i>Surr: Phenol-d6</i>	<i>145.4</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>87.0</i>	<i>40 - 125</i>				

Client: Leaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-166754	Units: ug/Kg			Analysis Date: 11-Jun-2021 10:15					
Client ID:	Run ID: SV-7_385505	SeqNo: 6135208	PrepDate: 10-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	134.7	6.6	167	0	80.7	50 - 120				
1,2,4-Trichlorobenzene	141.9	6.6	167	0	85.0	50 - 120				
1,3-Dinitrobenzene	154.1	6.6	167	0	92.3	40 - 140				
2,3,4,6-Tetrachlorophenol	161	6.6	137	0	118	40 - 140				
2,4,5-Trichlorophenol	155.5	6.6	167	0	93.1	45 - 127				
2,4,6-Trichlorophenol	140.5	6.6	167	0	84.2	45 - 130				
2,4-Dichlorophenol	144.5	6.6	167	0	86.5	45 - 125				
2,4-Dimethylphenol	124.7	6.6	167	0	74.7	45 - 120				
2,4-Dinitrophenol	131.9	13	167	0	79.0	10 - 126				
2,4-Dinitrotoluene	154.4	6.6	167	0	92.5	50 - 130				
2,6-Dinitrotoluene	152.6	6.6	167	0	91.4	50 - 125				
2-Chloronaphthalene	158.7	6.6	167	0	95.0	50 - 145				
2-Chlorophenol	136.8	6.6	167	0	81.9	45 - 120				
2-Methylnaphthalene	140.2	3.3	167	0	83.9	50 - 120				
2-Nitroaniline	172.4	6.6	167	0	103	45 - 138				
2-Nitrophenol	140.8	6.6	167	0	84.3	45 - 125				
3,3'-Dichlorobenzidine	117.1	6.6	167	0	70.1	15 - 120				
3-Nitroaniline	162.3	6.6	167	0	97.2	40 - 120				
4-Chloroaniline	155.5	6.6	167	0	93.1	20 - 120				
4-Nitroaniline	179	6.6	167	0	107	50 - 127				
4-Nitrophenol	131.3	13	167	0	78.6	40 - 147				
Acenaphthene	131	3.3	167	0	78.4	50 - 120				
Acenaphthylene	136.2	3.3	167	0	81.6	50 - 120				
Aniline	134.9	6.6	167	0	80.8	10 - 135				
Anthracene	141.5	3.3	167	0	84.7	50 - 123				
Benz(a)anthracene	139.5	3.3	167	0	83.6	50 - 131				
Benzo(a)pyrene	153.1	3.3	167	0	91.7	50 - 130				
Benzo(b)fluoranthene	150.3	3.3	167	0	90.0	50 - 137				
Benzo(k)fluoranthene	141.8	3.3	167	0	84.9	50 - 143				
Bis(2-chloroethyl)ether	145.3	6.6	167	0	87.0	45 - 127				
Bis(2-chloroisopropyl)ether	120.2	6.6	167	0	72.0	50 - 120				
Bis(2-ethylhexyl)phthalate	155.4	6.6	167	0	93.1	21 - 148				
Butyl benzyl phthalate	155.9	6.6	167	0	93.4	50 - 136				
Chrysene	154.6	3.3	167	0	92.6	50 - 130				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
LCS	Sample ID: LCS-166754	Units: ug/Kg			Analysis Date: 11-Jun-2021 10:15					
Client ID:	Run ID: SV-7_385505	SeqNo: 6135208	PrepDate: 10-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Dibenz(a,h)anthracene	144.6	3.3	167	0	86.6	50 - 130				
Dibenzofuran	139.1	3.3	167	0	83.3	50 - 125				
Diethyl phthalate	143.1	6.6	167	0	85.7	50 - 125				
Dimethyl phthalate	141.6	6.6	167	0	84.8	50 - 125				
Di-n-octyl phthalate	150.9	6.6	167	0	90.4	50 - 140				
Fluoranthene	145	3.3	167	0	86.8	50 - 131				
Fluorene	142.6	3.3	167	0	85.4	50 - 125				
Hexachlorobenzene	140.6	6.6	167	0	84.2	50 - 124				
Hexachlorobutadiene	137.4	6.6	167	0	82.3	50 - 125				
Hexachlorocyclopentadiene	126.1	6.6	167	0	75.5	45 - 135				
Hexachloroethane	134.8	6.6	167	0	80.7	45 - 125				
Indeno(1,2,3-cd)pyrene	163.6	3.3	167	0	98.0	45 - 139				
Isophorone	129.9	6.6	167	0	77.8	45 - 130				
Naphthalene	138.4	3.3	167	0	82.8	50 - 125				
Nitrobenzene	134.6	6.6	167	0	80.6	50 - 125				
N-Nitrosodi-n-propylamine	135.7	6.6	167	0	81.3	45 - 120				
N-Nitrosodiphenylamine	145	6.6	167	0	86.8	50 - 130				
Pentachlorophenol	106.5	6.6	167	0	63.8	23 - 136				
Phenanthrene	139	3.3	167	0	83.2	50 - 125				
Phenol	149.1	6.6	167	0	89.3	45 - 130				
Pyrene	146.4	3.3	167	0	87.7	45 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>151.2</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>90.5</i>	<i>36 - 126</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>146.5</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>87.7</i>	<i>43 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>129.5</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>77.6</i>	<i>37 - 125</i>				
<i>Surr: 4-Terphenyl-d14</i>	<i>149.5</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>89.5</i>	<i>32 - 125</i>				
<i>Surr: Nitrobenzene-d5</i>	<i>131</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>78.5</i>	<i>37 - 125</i>				
<i>Surr: Phenol-d6</i>	<i>130.5</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>78.1</i>	<i>40 - 125</i>				

Client: Leaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS		Sample ID: HS21060258-02MS		Units: ug/Kg		Analysis Date: 11-Jun-2021 11:13				
Client ID: LB3 14-16		Run ID: SV-7_385505		SeqNo: 6135209		PrepDate: 10-Jun-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
1,1'-Biphenyl	125.1	6.5	165	0	75.8	50 - 120				
1,2,4-Trichlorobenzene	125.7	6.5	165	0	76.2	50 - 120				
1,3-Dinitrobenzene	144	6.5	165	0	87.2	40 - 140				
2,3,4,6-Tetrachlorophenol	151.3	6.5	165	0	91.7	40 - 140				
2,4,5-Trichlorophenol	143.7	6.5	165	0	87.1	45 - 127				
2,4,6-Trichlorophenol	133.5	6.5	165	0	80.9	45 - 130				
2,4-Dichlorophenol	133.5	6.5	165	0	80.9	45 - 125				
2,4-Dimethylphenol	126.1	6.5	165	0	76.4	45 - 120				
2,4-Dinitrophenol	98.06	13	165	0	59.4	10 - 126				
2,4-Dinitrotoluene	148.2	6.5	165	0	89.8	50 - 130				
2,6-Dinitrotoluene	143.5	6.5	165	0	87.0	50 - 125				
2-Chloronaphthalene	137	6.5	165	0	83.0	50 - 145				
2-Chlorophenol	119.3	6.5	165	0	72.3	45 - 120				
2-Methylnaphthalene	128	3.3	165	0	77.6	50 - 120				
2-Nitroaniline	162.1	6.5	165	0	98.2	45 - 138				
2-Nitrophenol	127.7	6.5	165	0	77.4	45 - 125				
3,3'-Dichlorobenzidine	153.6	6.5	165	0	93.1	15 - 120				
3-Nitroaniline	159.8	6.5	165	0	96.8	40 - 120				
4-Chloroaniline	148.1	6.5	165	0	89.7	20 - 120				
4-Nitroaniline	171.4	6.5	165	0	104	50 - 127				
4-Nitrophenol	105.4	13	165	0	63.9	40 - 147				
Acenaphthene	121.8	3.3	165	0	73.8	50 - 120				
Acenaphthylene	125.6	3.3	165	0	76.1	50 - 120				
Aniline	121.6	6.5	165	0	73.7	10 - 135				
Anthracene	138.2	3.3	165	0	83.8	50 - 123				
Benz(a)anthracene	127.3	3.3	165	0	77.1	50 - 131				
Benzo(a)pyrene	145	3.3	165	0	87.9	50 - 130				
Benzo(b)fluoranthene	128.8	3.3	165	0	78.0	50 - 137				
Benzo(k)fluoranthene	143.3	3.3	165	0	86.8	50 - 143				
Bis(2-chloroethyl)ether	131.2	6.5	165	0	79.5	45 - 127				
Bis(2-chloroisopropyl)ether	106.9	6.5	165	0	64.8	50 - 120				
Bis(2-ethylhexyl)phthalate	153.1	6.5	165	4.593	90.0	21 - 148				
Butyl benzyl phthalate	150.2	6.5	165	0	91.0	50 - 136				
Chrysene	141.2	3.3	165	0	85.6	50 - 130				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MS		Sample ID: HS21060258-02MS		Units: ug/Kg		Analysis Date: 11-Jun-2021 11:13				
Client ID: LB3 14-16		Run ID: SV-7_385505		SeqNo: 6135209		PrepDate: 10-Jun-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Dibenz(a,h)anthracene	134.8	3.3	165	0	81.7	50 - 130				
Dibenzofuran	131.1	3.3	165	0	79.4	50 - 125				
Diethyl phthalate	137	6.5	165	0	83.0	50 - 125				
Dimethyl phthalate	135.8	6.5	165	0	82.3	50 - 125				
Di-n-octyl phthalate	144.2	6.5	165	0	87.4	50 - 140				
Fluoranthene	138.2	3.3	165	0	83.7	50 - 131				
Fluorene	134.6	3.3	165	0	81.6	50 - 125				
Hexachlorobenzene	134.1	6.5	165	0	81.3	50 - 124				
Hexachlorobutadiene	123.5	6.5	165	0	74.8	50 - 125				
Hexachlorocyclopentadiene	110.4	6.5	165	0	66.9	45 - 135				
Hexachloroethane	117.9	6.5	165	0	71.5	45 - 125				
Indeno(1,2,3-cd)pyrene	152.2	3.3	165	0	92.3	45 - 139				
Isophorone	118.1	6.5	165	0	71.6	45 - 130				
Naphthalene	125.2	3.3	165	0	75.9	50 - 125				
Nitrobenzene	121.9	6.5	165	0	73.9	50 - 125				
N-Nitrosodi-n-propylamine	121.3	6.5	165	0	73.5	45 - 120				
N-Nitrosodiphenylamine	140.7	6.5	165	0	85.3	50 - 130				
Pentachlorophenol	94.24	6.5	165	0	57.1	23 - 136				
Phenanthrene	136.6	3.3	165	0	82.8	50 - 125				
Phenol	129.6	6.5	165	0	78.6	45 - 130				
Pyrene	142	3.3	165	0	86.0	45 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>148.3</i>	<i>0</i>	<i>165</i>	<i>0</i>	<i>89.9</i>	<i>36 - 126</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>135.5</i>	<i>0</i>	<i>165</i>	<i>0</i>	<i>82.1</i>	<i>43 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>115.1</i>	<i>0</i>	<i>165</i>	<i>0</i>	<i>69.8</i>	<i>37 - 125</i>				
<i>Surr: 4-Terphenyl-d14</i>	<i>141.1</i>	<i>0</i>	<i>165</i>	<i>0</i>	<i>85.5</i>	<i>32 - 125</i>				
<i>Surr: Nitrobenzene-d5</i>	<i>128.1</i>	<i>0</i>	<i>165</i>	<i>0</i>	<i>77.7</i>	<i>37 - 125</i>				
<i>Surr: Phenol-d6</i>	<i>115.8</i>	<i>0</i>	<i>165</i>	<i>0</i>	<i>70.2</i>	<i>40 - 125</i>				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0)		Instrument: SV-7		Method: LOW-LEVEL SEMIVOLATILES BY 8270D						
MSD	Sample ID: HS21060258-02MSD	Units: ug/Kg			Analysis Date: 11-Jun-2021 11:33					
Client ID: LB3 14-16	Run ID: SV-7_385505	SeqNo: 6135210	PrepDate: 10-Jun-2021	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	120.2	6.5	165.4	0	72.7	50 - 120	125.1	4.03	30	
1,2,4-Trichlorobenzene	125.8	6.5	165.4	0	76.0	50 - 120	125.7	0.0315	30	
1,3-Dinitrobenzene	142.1	6.5	165.4	0	85.9	40 - 140	144	1.29	30	
2,3,4,6-Tetrachlorophenol	150.4	6.5	165.4	0	90.9	40 - 140	151.3	0.615	30	
2,4,5-Trichlorophenol	144	6.5	165.4	0	87.1	45 - 127	143.7	0.185	30	
2,4,6-Trichlorophenol	127.8	6.5	165.4	0	77.3	45 - 130	133.5	4.33	30	
2,4-Dichlorophenol	127.9	6.5	165.4	0	77.3	45 - 125	133.5	4.28	30	
2,4-Dimethylphenol	123.4	6.5	165.4	0	74.6	45 - 120	126.1	2.15	30	
2,4-Dinitrophenol	107.7	13	165.4	0	65.1	10 - 126	98.06	9.38	30	
2,4-Dinitrotoluene	146.2	6.5	165.4	0	88.4	50 - 130	148.2	1.36	30	
2,6-Dinitrotoluene	138.1	6.5	165.4	0	83.5	50 - 125	143.5	3.89	30	
2-Chloronaphthalene	130.3	6.5	165.4	0	78.8	50 - 145	137	5.01	30	
2-Chlorophenol	120.1	6.5	165.4	0	72.6	45 - 120	119.3	0.736	30	
2-Methylnaphthalene	126.1	3.3	165.4	0	76.2	50 - 120	128	1.52	30	
2-Nitroaniline	116	6.5	165.4	0	70.1	45 - 138	162.1	33.2	30	R
2-Nitrophenol	126.3	6.5	165.4	0	76.4	45 - 125	127.7	1.07	30	
3,3'-Dichlorobenzidine	103.4	6.5	165.4	0	62.5	15 - 120	153.6	39	30	R
3-Nitroaniline	154.1	6.5	165.4	0	93.2	40 - 120	159.8	3.58	30	
4-Chloroaniline	147.6	6.5	165.4	0	89.2	20 - 120	148.1	0.331	30	
4-Nitroaniline	166.2	6.5	165.4	0	100	50 - 127	171.4	3.12	30	
4-Nitrophenol	173.5	13	165.4	0	105	40 - 147	105.4	48.8	30	R
Acenaphthene	119.5	3.3	165.4	0	72.2	50 - 120	121.8	1.89	30	
Acenaphthylene	121.6	3.3	165.4	0	73.5	50 - 120	125.6	3.24	30	
Aniline	120.3	6.5	165.4	0	72.8	10 - 135	121.6	1.05	30	
Anthracene	136.6	3.3	165.4	0	82.6	50 - 123	138.2	1.18	30	
Benz(a)anthracene	127.3	3.3	165.4	0	76.9	50 - 131	127.3	0.0041	30	
Benzo(a)pyrene	145.2	3.3	165.4	0	87.8	50 - 130	145	0.0922	30	
Benzo(b)fluoranthene	124.7	3.3	165.4	0	75.4	50 - 137	128.8	3.2	30	
Benzo(k)fluoranthene	141.5	3.3	165.4	0	85.6	50 - 143	143.3	1.21	30	
Bis(2-chloroethyl)ether	126.3	6.5	165.4	0	76.4	45 - 127	131.2	3.78	30	
Bis(2-chloroisopropyl)ether	101	6.5	165.4	0	61.0	50 - 120	106.9	5.67	30	
Bis(2-ethylhexyl)phthalate	156.6	6.5	165.4	4.593	91.9	21 - 148	153.1	2.28	30	
Butyl benzyl phthalate	154.8	6.5	165.4	0	93.6	50 - 136	150.2	3.05	30	
Chrysene	144.5	3.3	165.4	0	87.4	50 - 130	141.2	2.34	30	

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: 166754 (0) **Instrument:** SV-7 **Method:** LOW-LEVEL SEMIVOLATILES BY 8270D

MSD		Sample ID: HS21060258-02MSD			Units: ug/Kg		Analysis Date: 11-Jun-2021 11:33			
Client ID: LB3 14-16		Run ID: SV-7_385505			SeqNo: 6135210		PrepDate: 10-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Dibenz(a,h)anthracene	136.6	3.3	165.4	0	82.6	50 - 130	134.8	1.38	30	
Dibenzofuran	126.6	3.3	165.4	0	76.5	50 - 125	131.1	3.52	30	
Diethyl phthalate	135.2	6.5	165.4	0	81.7	50 - 125	137	1.36	30	
Dimethyl phthalate	132.3	6.5	165.4	0	80.0	50 - 125	135.8	2.63	30	
Di-n-octyl phthalate	146.7	6.5	165.4	0	88.7	50 - 140	144.2	1.69	30	
Fluoranthene	141.4	3.3	165.4	0	85.5	50 - 131	138.2	2.33	30	
Fluorene	129.7	3.3	165.4	0	78.4	50 - 125	134.6	3.72	30	
Hexachlorobenzene	133.5	6.5	165.4	0	80.7	50 - 124	134.1	0.456	30	
Hexachlorobutadiene	122.9	6.5	165.4	0	74.3	50 - 125	123.5	0.436	30	
Hexachlorocyclopentadiene	107.8	6.5	165.4	0	65.2	45 - 135	110.4	2.41	30	
Hexachloroethane	116.8	6.5	165.4	0	70.6	45 - 125	117.9	0.96	30	
Indeno(1,2,3-cd)pyrene	152.3	3.3	165.4	0	92.1	45 - 139	152.2	0.0474	30	
Isophorone	117.6	6.5	165.4	0	71.1	45 - 130	118.1	0.461	30	
Naphthalene	125.5	3.3	165.4	0	75.9	50 - 125	125.2	0.256	30	
Nitrobenzene	119.9	6.5	165.4	0	72.5	50 - 125	121.9	1.72	30	
N-Nitrosodi-n-propylamine	118.7	6.5	165.4	0	71.8	45 - 120	121.3	2.2	30	
N-Nitrosodiphenylamine	136.5	6.5	165.4	0	82.5	50 - 130	140.7	3.05	30	
Pentachlorophenol	92.29	6.5	165.4	0	55.8	23 - 136	94.24	2.1	30	
Phenanthrene	134.5	3.3	165.4	0	81.3	50 - 125	136.6	1.53	30	
Phenol	130.8	6.5	165.4	0	79.1	45 - 130	129.6	0.908	30	
Pyrene	143.9	3.3	165.4	0	87.0	45 - 130	142	1.34	30	
<i>Surr: 2,4,6-Tribromophenol</i>	<i>145.4</i>	<i>0</i>	<i>165.4</i>	<i>0</i>	<i>87.9</i>	<i>36 - 126</i>	<i>148.3</i>	<i>1.96</i>	<i>30</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>130.7</i>	<i>0</i>	<i>165.4</i>	<i>0</i>	<i>79.0</i>	<i>43 - 125</i>	<i>135.5</i>	<i>3.65</i>	<i>30</i>	
<i>Surr: 2-Fluorophenol</i>	<i>112.5</i>	<i>0</i>	<i>165.4</i>	<i>0</i>	<i>68.0</i>	<i>37 - 125</i>	<i>115.1</i>	<i>2.26</i>	<i>30</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>143</i>	<i>0</i>	<i>165.4</i>	<i>0</i>	<i>86.4</i>	<i>32 - 125</i>	<i>141.1</i>	<i>1.29</i>	<i>30</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>120.2</i>	<i>0</i>	<i>165.4</i>	<i>0</i>	<i>72.7</i>	<i>37 - 125</i>	<i>128.1</i>	<i>6.42</i>	<i>30</i>	
<i>Surr: Phenol-d6</i>	<i>113.9</i>	<i>0</i>	<i>165.4</i>	<i>0</i>	<i>68.8</i>	<i>40 - 125</i>	<i>115.8</i>	<i>1.67</i>	<i>30</i>	

The following samples were analyzed in this batch: HS21060258-01 HS21060258-02 HS21060258-03 HS21060258-04
 HS21060258-05 HS21060258-06 HS21060258-07 HS21060258-08
 HS21060258-09

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKS1-061121	Units: ug/Kg			Analysis Date: 11-Jun-2021 09:08					
Client ID:	Run ID: VOA8_385377	SeqNo: 6132748	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	< 0.60	5.0								
1,1,1-Trichloroethane	< 0.50	5.0								
1,1,2,2-Tetrachloroethane	< 0.80	5.0								
1,1,2-Trichloroethane	< 0.50	5.0								
1,1-Dichloroethane	< 0.50	5.0								
1,1-Dichloroethene	< 0.50	5.0								
1,2-Dibromo-3-chloropropane	< 1.0	5.0								
1,2-Dichlorobenzene	< 1.0	5.0								
1,2-Dichloroethane	< 0.60	5.0								
1,2-Dichloropropane	< 0.80	5.0								
1,3-Dichlorobenzene	< 1.0	5.0								
1,4-Dichlorobenzene	< 1.0	5.0								
2-Butanone	< 1.3	10								
4-Methyl-2-pentanone	< 2.0	10								
Acetone	< 2.0	20								
Benzene	< 0.50	5.0								
Bromodichloromethane	< 0.50	5.0								
Bromoform	< 0.60	5.0								
Bromomethane	< 1.0	10								
Carbon disulfide	< 0.60	10								
Carbon tetrachloride	< 0.60	5.0								
Chlorobenzene	< 0.60	5.0								
Chloroethane	< 0.80	10								
Chloroform	< 0.50	5.0								
Chloromethane	< 0.50	10								
cis-1,2-Dichloroethene	< 0.80	5.0								
cis-1,3-Dichloropropene	< 0.50	5.0								
Dibromochloromethane	< 0.50	5.0								
Ethylbenzene	< 0.70	5.0								
m,p-Xylene	< 1.6	10								
Methyl tert-butyl ether	< 0.50	5.0								
Methylene chloride	< 1.0	10								
o-Xylene	< 1.0	5.0								
Styrene	< 0.70	5.0								

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKS1-061121	Units: ug/Kg			Analysis Date: 11-Jun-2021 09:08					
Client ID:	Run ID: VOA8_385377	SeqNo: 6132748		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	< 0.70	5.0								
Toluene	< 0.60	5.0								
trans-1,2-Dichloroethene	< 0.50	5.0								
trans-1,3-Dichloropropene	< 0.60	5.0								
Trichloroethene	< 0.60	5.0								
Trichlorofluoromethane	< 0.50	5.0								
Vinyl chloride	< 0.80	2.0								
Xylenes, Total	< 1.0	5.0								
1,2-Dichloroethene, Total	< 0.50	5.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>51.53</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>76 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>47.2</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>94.4</i>	<i>80 - 120</i>				
<i>Surr: Dibromofluoromethane</i>	<i>51.24</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>102</i>	<i>80 - 119</i>				
<i>Surr: Toluene-d8</i>	<i>49.86</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.7</i>	<i>81 - 118</i>				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
LCS	Sample ID: VLCSS1-061121	Units: ug/Kg			Analysis Date: 11-Jun-2021 08:23					
Client ID:	Run ID: VOA8_385377	SeqNo: 6132747	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	52.74	5.0	50	0	105	79 - 121				
1,1,1-Trichloroethane	59.98	5.0	50	0	120	72 - 130				
1,1,2,2-Tetrachloroethane	49.72	5.0	50	0	99.4	71 - 124				
1,1,2-Trichloroethane	50.7	5.0	50	0	101	78 - 117				
1,1-Dichloroethane	56.21	5.0	50	0	112	76 - 128				
1,1-Dichloroethene	53.57	5.0	50	0	107	72 - 130				
1,2-Dibromo-3-chloropropane	49.94	5.0	50	0	99.9	70 - 128				
1,2-Dichlorobenzene	52.29	5.0	50	0	105	79 - 121				
1,2-Dichloroethane	56.66	5.0	50	0	113	77 - 120				
1,2-Dichloropropane	53	5.0	50	0	106	77 - 121				
1,3-Dichlorobenzene	52.83	5.0	50	0	106	78 - 121				
1,4-Dichlorobenzene	51.93	5.0	50	0	104	78 - 120				
2-Butanone	80.47	10	100	0	80.5	70 - 128				
4-Methyl-2-pentanone	100.2	10	100	0	100	70 - 128				
Acetone	86.3	20	100	0	86.3	70 - 130				
Benzene	53.02	5.0	50	0	106	75 - 124				
Bromodichloromethane	53.88	5.0	50	0	108	78 - 122				
Bromoform	51.9	5.0	50	0	104	74 - 120				
Bromomethane	37.24	10	50	0	74.5	70 - 130				
Carbon disulfide	107	10	100	0	107	70 - 122				
Carbon tetrachloride	56.35	5.0	50	0	113	72 - 128				
Chlorobenzene	52.59	5.0	50	0	105	78 - 122				
Chloroethane	44.78	10	50	0	89.6	70 - 130				
Chloroform	57.68	5.0	50	0	115	73 - 127				
Chloromethane	46.14	10	50	0	92.3	70 - 130				
cis-1,2-Dichloroethene	56.2	5.0	50	0	112	77 - 125				
cis-1,3-Dichloropropene	53.3	5.0	50	0	107	78 - 122				
Dibromochloromethane	52.06	5.0	50	0	104	78 - 120				
Ethylbenzene	53.84	5.0	50	0	108	70 - 123				
m,p-Xylene	109.1	10	100	0	109	77 - 125				
Methyl tert-butyl ether	56.93	5.0	50	0	114	70 - 128				
Methylene chloride	54.38	10	50	0	109	71 - 125				
o-Xylene	53.34	5.0	50	0	107	78 - 122				
Styrene	51.21	5.0	50	0	102	80 - 123				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
LCS	Sample ID: VLCSS1-061121	Units: ug/Kg			Analysis Date: 11-Jun-2021 08:23					
Client ID:	Run ID: VOA8_385377	SeqNo: 6132747		PrepDate:			DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Tetrachloroethene	54.31	5.0	50	0	109	70 - 130				
Toluene	51.86	5.0	50	0	104	76 - 122				
trans-1,2-Dichloroethene	56.3	5.0	50	0	113	75 - 128				
trans-1,3-Dichloropropene	54.91	5.0	50	0	110	75 - 123				
Trichloroethene	53.7	5.0	50	0	107	78 - 125				
Trichlorofluoromethane	54.83	5.0	50	0	110	70 - 130				
Vinyl chloride	50.26	2.0	50	0	101	70 - 130				
Xylenes, Total	162.4	5.0	150	0	108	77 - 128				
1,2-Dichloroethene, Total	112.5	5.0	100	0	113	75 - 128				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>56.46</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>113</i>	<i>76 - 125</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.15</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>80 - 120</i>				
<i>Surr: Dibromofluoromethane</i>	<i>53.71</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>107</i>	<i>80 - 119</i>				
<i>Surr: Toluene-d8</i>	<i>49.04</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>98.1</i>	<i>81 - 118</i>				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
MS	Sample ID: HS21060258-02MS	Units: ug/Kg			Analysis Date: 11-Jun-2021 10:40					
Client ID: LB3 14-16	Run ID: VOA8_385377	SeqNo: 6132909	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	41.05	4.3	43	0	95.5	70 - 130				
1,1,1-Trichloroethane	45.23	4.3	43	0	105	70 - 130				
1,1,2,2-Tetrachloroethane	38.42	4.3	43	0	89.4	70 - 130				
1,1,2-Trichloroethane	40.08	4.3	43	0	93.2	70 - 130				
1,1-Dichloroethane	41.38	4.3	43	0	96.2	70 - 130				
1,1-Dichloroethene	39.9	4.3	43	0	92.8	70 - 130				
1,2-Dibromo-3-chloropropane	38.84	4.3	43	0	90.3	70 - 130				
1,2-Dichlorobenzene	39.83	4.3	43	0	92.6	70 - 130				
1,2-Dichloroethane	45.64	4.3	43	0	106	70 - 130				
1,2-Dichloropropane	40.59	4.3	43	0	94.4	70 - 130				
1,3-Dichlorobenzene	39.99	4.3	43	0	93.0	70 - 130				
1,4-Dichlorobenzene	39.67	4.3	43	0	92.2	70 - 130				
2-Butanone	67.76	8.6	86	0	78.8	70 - 130				
4-Methyl-2-pentanone	77.51	8.6	86	0	90.1	70 - 128				
Acetone	68.56	17	86	0	79.7	70 - 130				
Benzene	39.88	4.3	43	0	92.7	70 - 130				
Bromodichloromethane	42.84	4.3	43	0	99.6	70 - 130				
Bromoform	41.15	4.3	43	0	95.7	70 - 130				
Bromomethane	39.4	8.6	43	0	91.6	70 - 130				
Carbon disulfide	78.16	8.6	86	0	90.9	70 - 130				
Carbon tetrachloride	44.39	4.3	43	0	103	70 - 130				
Chlorobenzene	40.45	4.3	43	0	94.1	70 - 130				
Chloroethane	35.03	8.6	43	0	81.5	70 - 130				
Chloroform	43.56	4.3	43	0	101	70 - 130				
Chloromethane	32.56	8.6	43	0	75.7	70 - 130				
cis-1,2-Dichloroethene	41.51	4.3	43	0	96.5	70 - 130				
cis-1,3-Dichloropropene	40.26	4.3	43	0	93.6	70 - 130				
Dibromochloromethane	41.86	4.3	43	0	97.4	70 - 130				
Ethylbenzene	40.45	4.3	43	0	94.1	70 - 130				
m,p-Xylene	81.08	8.6	86	0	94.3	70 - 130				
Methyl tert-butyl ether	41.42	4.3	43	0	96.3	70 - 130				
Methylene chloride	40.94	8.6	43	0	95.2	70 - 130				
o-Xylene	40.18	4.3	43	0	93.4	70 - 130				
Styrene	38.88	4.3	43	0	90.4	70 - 130				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
MS	Sample ID: HS21060258-02MS	Units: ug/Kg			Analysis Date: 11-Jun-2021 10:40					
Client ID: LB3 14-16	Run ID: VOA8_385377	SeqNo: 6132909		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	41.47	4.3	43	0	96.4	70 - 130				
Toluene	39.34	4.3	43	0	91.5	70 - 130				
trans-1,2-Dichloroethene	41.09	4.3	43	0	95.6	70 - 130				
trans-1,3-Dichloropropene	41.27	4.3	43	0	96.0	70 - 130				
Trichloroethene	41.64	4.3	43	0	96.8	70 - 130				
Trichlorofluoromethane	42.98	4.3	43	0	100.0	70 - 130				
Vinyl chloride	35.66	1.7	43	0	82.9	70 - 130				
Xylenes, Total	121.3	4.3	129	0	94.0	70 - 130				
1,2-Dichloroethene, Total	82.61	4.3	86	0	96.1	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>52.92</i>	<i>0</i>	<i>43</i>	<i>0</i>	<i>123</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>43.19</i>	<i>0</i>	<i>43</i>	<i>0</i>	<i>100</i>	<i>70 - 130</i>				
<i>Surr: Dibromofluoromethane</i>	<i>46.16</i>	<i>0</i>	<i>43</i>	<i>0</i>	<i>107</i>	<i>70 - 130</i>				
<i>Surr: Toluene-d8</i>	<i>41.88</i>	<i>0</i>	<i>43</i>	<i>0</i>	<i>97.4</i>	<i>70 - 130</i>				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0) Instrument: VOA8 Method: VOLATILES BY SW8260C										
MSD		Sample ID: HS21060258-02MSD			Units: ug/Kg		Analysis Date: 11-Jun-2021 11:03			
Client ID: LB3 14-16		Run ID: VOA8_385377			SeqNo: 6132910		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	47.05	5.0	50.5	0	93.2	70 - 130	41.05	13.6	30	
1,1,1-Trichloroethane	52.83	5.0	50.5	0	105	70 - 130	45.23	15.5	30	
1,1,2,2-Tetrachloroethane	43.39	5.0	50.5	0	85.9	70 - 130	38.42	12.1	30	
1,1,2-Trichloroethane	44.59	5.0	50.5	0	88.3	70 - 130	40.08	10.6	30	
1,1-Dichloroethane	48.41	5.0	50.5	0	95.9	70 - 130	41.38	15.7	30	
1,1-Dichloroethene	47.31	5.0	50.5	0	93.7	70 - 130	39.9	17	30	
1,2-Dibromo-3-chloropropane	43.72	5.0	50.5	0	86.6	70 - 130	38.84	11.8	30	
1,2-Dichlorobenzene	44.93	5.0	50.5	0	89.0	70 - 130	39.83	12	30	
1,2-Dichloroethane	51.57	5.0	50.5	0	102	70 - 130	45.64	12.2	30	
1,2-Dichloropropane	45.69	5.0	50.5	0	90.5	70 - 130	40.59	11.8	30	
1,3-Dichlorobenzene	45.02	5.0	50.5	0	89.2	70 - 130	39.99	11.8	30	
1,4-Dichlorobenzene	44.54	5.0	50.5	0	88.2	70 - 130	39.67	11.6	30	
2-Butanone	80.15	10	101	0	79.4	70 - 130	67.76	16.8	30	
4-Methyl-2-pentanone	88.27	10	101	0	87.4	70 - 128	77.51	13	30	
Acetone	83.78	20	101	0	82.9	70 - 130	68.56	20	30	
Benzene	46.38	5.0	50.5	0	91.8	70 - 130	39.88	15.1	30	
Bromodichloromethane	49.34	5.0	50.5	0	97.7	70 - 130	42.84	14.1	30	
Bromoform	47.12	5.0	50.5	0	93.3	70 - 130	41.15	13.5	30	
Bromomethane	45.45	10	50.5	0	90.0	70 - 130	39.4	14.3	30	
Carbon disulfide	93.52	10	101	0	92.6	70 - 130	78.16	17.9	30	
Carbon tetrachloride	52.07	5.0	50.5	0	103	70 - 130	44.39	15.9	30	
Chlorobenzene	46.81	5.0	50.5	0	92.7	70 - 130	40.45	14.6	30	
Chloroethane	42.62	10	50.5	0	84.4	70 - 130	35.03	19.5	30	
Chloroform	50.46	5.0	50.5	0	99.9	70 - 130	43.56	14.7	30	
Chloromethane	37.89	10	50.5	0	75.0	70 - 130	32.56	15.1	30	
cis-1,2-Dichloroethene	48.18	5.0	50.5	0	95.4	70 - 130	41.51	14.9	30	
cis-1,3-Dichloropropene	46.79	5.0	50.5	0	92.6	70 - 130	40.26	15	30	
Dibromochloromethane	48.04	5.0	50.5	0	95.1	70 - 130	41.86	13.7	30	
Ethylbenzene	47.6	5.0	50.5	0	94.3	70 - 130	40.45	16.2	30	
m,p-Xylene	95.73	10	101	0	94.8	70 - 130	81.08	16.6	30	
Methyl tert-butyl ether	49	5.0	50.5	0	97.0	70 - 130	41.42	16.7	30	
Methylene chloride	47.32	10	50.5	0	93.7	70 - 130	40.94	14.4	30	
o-Xylene	46.95	5.0	50.5	0	93.0	70 - 130	40.18	15.5	30	
Styrene	45.34	5.0	50.5	0	89.8	70 - 130	38.88	15.3	30	

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385377 (0)		Instrument: VOA8		Method: VOLATILES BY SW8260C						
MSD	Sample ID: HS21060258-02MSD	Units: ug/Kg			Analysis Date: 11-Jun-2021 11:03					
Client ID: LB3 14-16	Run ID: VOA8_385377	SeqNo: 6132910	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	48.71	5.0	50.5	0	96.5	70 - 130	41.47	16.1	30	
Toluene	45.68	5.0	50.5	0	90.5	70 - 130	39.34	14.9	30	
trans-1,2-Dichloroethene	49.04	5.0	50.5	0	97.1	70 - 130	41.09	17.6	30	
trans-1,3-Dichloropropene	47.73	5.0	50.5	0	94.5	70 - 130	41.27	14.5	30	
Trichloroethene	48.83	5.0	50.5	0	96.7	70 - 130	41.64	15.9	30	
Trichlorofluoromethane	50.68	5.0	50.5	0	100	70 - 130	42.98	16.4	30	
Vinyl chloride	42.68	2.0	50.5	0	84.5	70 - 130	35.66	17.9	30	
Xylenes, Total	142.7	5.0	151.5	0	94.2	70 - 130	121.3	16.2	30	
1,2-Dichloroethene, Total	97.23	5.0	101	0	96.3	70 - 130	82.61	16.3	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>58.18</i>	<i>0</i>	<i>50.5</i>	<i>0</i>	<i>115</i>	<i>70 - 126</i>	<i>52.92</i>	<i>9.46</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.86</i>	<i>0</i>	<i>50.5</i>	<i>0</i>	<i>101</i>	<i>70 - 130</i>	<i>43.19</i>	<i>16.3</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>54.62</i>	<i>0</i>	<i>50.5</i>	<i>0</i>	<i>108</i>	<i>70 - 130</i>	<i>46.16</i>	<i>16.8</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>49.39</i>	<i>0</i>	<i>50.5</i>	<i>0</i>	<i>97.8</i>	<i>70 - 130</i>	<i>41.88</i>	<i>16.4</i>	<i>30</i>	

The following samples were analyzed in this batch:

HS21060258-01	HS21060258-02	HS21060258-03	HS21060258-04
HS21060258-05	HS21060258-06	HS21060258-07	HS21060258-08
HS21060258-09			

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKW-210611	Units: ug/L			Analysis Date: 11-Jun-2021 23:18					
Client ID:	Run ID: VOA4_385449	SeqNo: 6134058	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	< 0.30	1.0								
1,1,1-Trichloroethane	< 0.20	1.0								
1,1,2,2-Tetrachloroethane	< 0.50	1.0								
1,1,2-Trichloroethane	< 0.30	1.0								
1,1-Dichloroethane	< 0.20	1.0								
1,1-Dichloroethene	< 0.20	1.0								
1,2-Dibromo-3-chloropropane	< 1.0	1.0								
1,2-Dichlorobenzene	< 0.50	1.0								
1,2-Dichloroethane	< 0.20	1.0								
1,2-Dichloropropane	< 0.50	1.0								
1,3-Dichlorobenzene	< 0.40	1.0								
1,4-Dichlorobenzene	< 0.40	1.0								
2-Butanone	< 0.50	2.0								
4-Methyl-2-pentanone	< 0.70	2.0								
Acetone	< 2.0	2.0								
Benzene	< 0.20	1.0								
Bromodichloromethane	< 0.20	1.0								
Bromoform	< 0.40	1.0								
Bromomethane	< 0.40	1.0								
Carbon disulfide	< 0.60	2.0								
Carbon tetrachloride	< 0.50	1.0								
Chlorobenzene	< 0.30	1.0								
Chloroethane	< 0.30	1.0								
Chloroform	< 0.20	1.0								
Chloromethane	< 0.20	1.0								
cis-1,2-Dichloroethene	< 0.20	1.0								
cis-1,3-Dichloropropene	< 0.10	1.0								
Dibromochloromethane	< 0.30	1.0								
Ethylbenzene	< 0.30	1.0								
Isobutyl alcohol	< 10	20								
m,p-Xylene	< 0.50	2.0								
Methyl tert-butyl ether	< 0.20	1.0								
Methylene chloride	< 1.0	2.0								
o-Xylene	< 0.30	1.0								

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
MBLK	Sample ID: VBLKW-210611	Units: ug/L			Analysis Date: 11-Jun-2021 23:18					
Client ID:	Run ID: VOA4_385449	SeqNo: 6134058		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Styrene	< 0.30	1.0								
Tetrachloroethene	< 0.30	1.0								
Toluene	< 0.20	1.0								
trans-1,2-Dichloroethene	< 0.20	1.0								
trans-1,3-Dichloropropene	< 0.20	1.0								
Trichloroethene	< 0.20	1.0								
Trichlorofluoromethane	< 0.30	1.0								
Vinyl chloride	< 0.20	1.0								
Xylenes, Total	< 0.30	1.0								
1,2-Dichloroethene, Total	< 0.20	1.0								
Surr: 1,2-Dichloroethane-d4	51.37	1.0	50	0	103	70 - 123				
Surr: 4-Bromofluorobenzene	46.87	1.0	50	0	93.7	82 - 115				
Surr: Dibromofluoromethane	51.54	1.0	50	0	103	73 - 126				
Surr: Toluene-d8	49.73	1.0	50	0	99.5	81 - 120				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
LCS		Sample ID: VLCSW-210611		Units: ug/L		Analysis Date: 11-Jun-2021 22:34				
Client ID:		Run ID: VOA4_385449		SeqNo: 6134057		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
1,1,1,2-Tetrachloroethane	20.15	1.0	20	0	101	77 - 118				
1,1,1-Trichloroethane	20.59	1.0	20	0	103	70 - 130				
1,1,2,2-Tetrachloroethane	19.47	1.0	20	0	97.3	70 - 120				
1,1,2-Trichloroethane	20.02	1.0	20	0	100	77 - 113				
1,1-Dichloroethane	19.86	1.0	20	0	99.3	71 - 122				
1,1-Dichloroethene	20.2	1.0	20	0	101	70 - 130				
1,2-Dibromo-3-chloropropane	18.65	1.0	20	0	93.2	70 - 130				
1,2-Dichlorobenzene	19.6	1.0	20	0	98.0	77 - 113				
1,2-Dichloroethane	19.35	1.0	20	0	96.7	70 - 124				
1,2-Dichloropropane	19.4	1.0	20	0	97.0	72 - 119				
1,3-Dichlorobenzene	20.04	1.0	20	0	100	78 - 118				
1,4-Dichlorobenzene	19.64	1.0	20	0	98.2	79 - 113				
2-Butanone	37.81	2.0	40	0	94.5	70 - 130				
4-Methyl-2-pentanone	40.73	2.0	40	0	102	70 - 130				
Acetone	41.83	2.0	40	0	105	70 - 130				
Benzene	20.21	1.0	20	0	101	74 - 120				
Bromodichloromethane	19.21	1.0	20	0	96.0	74 - 122				
Bromoform	19.34	1.0	20	0	96.7	73 - 128				
Bromomethane	23.82	1.0	20	0	119	70 - 130				
Carbon disulfide	42	2.0	40	0	105	70 - 130				
Carbon tetrachloride	20.49	1.0	20	0	102	71 - 125				
Chlorobenzene	19.06	1.0	20	0	95.3	76 - 113				
Chloroethane	21.93	1.0	20	0	110	70 - 130				
Chloroform	19.7	1.0	20	0	98.5	71 - 121				
Chloromethane	21.59	1.0	20	0	108	70 - 129				
cis-1,2-Dichloroethene	19.96	1.0	20	0	99.8	75 - 122				
cis-1,3-Dichloropropene	20.65	1.0	20	0	103	73 - 127				
Dibromochloromethane	18.97	1.0	20	0	94.9	77 - 122				
Ethylbenzene	19.21	1.0	20	0	96.0	77 - 117				
Isobutyl alcohol	410.6	20	400	0	103	70 - 130				
m,p-Xylene	41.5	2.0	40	0	104	77 - 122				
Methyl tert-butyl ether	19.34	1.0	20	0	96.7	70 - 130				
Methylene chloride	21.31	2.0	20	0	107	70 - 127				
o-Xylene	20.19	1.0	20	0	101	75 - 119				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
LCS	Sample ID: VLCSW-210611	Units: ug/L			Analysis Date: 11-Jun-2021 22:34					
Client ID:	Run ID: VOA4_385449	SeqNo: 6134057		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Styrene	20.55	1.0	20	0	103	72 - 126				
Tetrachloroethene	19.37	1.0	20	0	96.9	76 - 119				
Toluene	19.7	1.0	20	0	98.5	77 - 118				
trans-1,2-Dichloroethene	21.22	1.0	20	0	106	72 - 127				
trans-1,3-Dichloropropene	21.05	1.0	20	0	105	77 - 119				
Trichloroethene	20.64	1.0	20	0	103	77 - 121				
Trichlorofluoromethane	21.76	1.0	20	0	109	70 - 130				
Vinyl chloride	19.16	1.0	20	0	95.8	70 - 130				
Xylenes, Total	61.69	1.0	60	0	103	75 - 122				
1,2-Dichloroethene, Total	41.18	1.0	40	0	103	72 - 127				
<i>Surr: 1,2-Dichloroethane-d4</i>	50.33	1.0	50	0	101	70 - 123				
<i>Surr: 4-Bromofluorobenzene</i>	49.94	1.0	50	0	99.9	82 - 115				
<i>Surr: Dibromofluoromethane</i>	50.93	1.0	50	0	102	73 - 126				
<i>Surr: Toluene-d8</i>	49.07	1.0	50	0	98.1	81 - 120				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
MS	Sample ID: HS21060258-10MS	Units: ug/L			Analysis Date: 12-Jun-2021 01:53					
Client ID: TW3	Run ID: VOA4_385449	SeqNo: 6134065	PrepDate:	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.33	1.0	20	0	91.6	70 - 120				
1,1,1-Trichloroethane	20.34	1.0	20	0	102	70 - 130				
1,1,2,2-Tetrachloroethane	18.77	1.0	20	0	93.9	70 - 123				
1,1,2-Trichloroethane	18.54	1.0	20	0	92.7	70 - 117				
1,1-Dichloroethane	18.73	1.0	20	0	93.6	70 - 127				
1,1-Dichloroethene	21.58	1.0	20	0	108	70 - 130				
1,2-Dibromo-3-chloropropane	16.11	1.0	20	0	80.6	70 - 130				
1,2-Dichlorobenzene	18.17	1.0	20	0	90.9	70 - 115				
1,2-Dichloroethane	17.4	1.0	20	0	87.0	70 - 127				
1,2-Dichloropropane	18.92	1.0	20	0	94.6	70 - 122				
1,3-Dichlorobenzene	19.02	1.0	20	0	95.1	70 - 119				
1,4-Dichlorobenzene	17.97	1.0	20	0	89.9	70 - 114				
2-Butanone	35.62	2.0	40	0	89.0	70 - 130				
4-Methyl-2-pentanone	37.55	2.0	40	0	93.9	70 - 130				
Acetone	41.58	2.0	40	0	104	70 - 130				
Benzene	19.28	1.0	20	0	96.4	70 - 127				
Bromodichloromethane	17.05	1.0	20	0	85.3	70 - 124				
Bromoform	16.58	1.0	20	0	82.9	70 - 129				
Bromomethane	23.73	1.0	20	0	119	70 - 130				
Carbon disulfide	40.3	2.0	40	0	101	70 - 130				
Carbon tetrachloride	19.47	1.0	20	0	97.4	70 - 130				
Chlorobenzene	18.26	1.0	20	0	91.3	70 - 114				
Chloroethane	23.39	1.0	20	0	117	70 - 130				
Chloroform	18.72	1.0	20	0	93.6	70 - 125				
Chloromethane	22.12	1.0	20	0	111	70 - 130				
cis-1,2-Dichloroethene	18.03	1.0	20	0	90.2	70 - 128				
cis-1,3-Dichloropropene	17.54	1.0	20	0	87.7	70 - 125				
Dibromochloromethane	17.62	1.0	20	0	88.1	70 - 124				
Ethylbenzene	17.99	1.0	20	0	89.9	70 - 124				
Isobutyl alcohol	399.3	20	400	0	99.8	70 - 130				
m,p-Xylene	40.46	2.0	40	0	101	70 - 130				
Methyl tert-butyl ether	15.57	1.0	20	0	77.9	70 - 130				
Methylene chloride	18.36	2.0	20	0	91.8	70 - 128				
o-Xylene	19.5	1.0	20	0	97.5	70 - 124				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
MS	Sample ID: HS21060258-10MS				Units: ug/L	Analysis Date: 12-Jun-2021 01:53				
Client ID: TW3	Run ID: VOA4_385449		SeqNo: 6134065		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Styrene	18.58	1.0	20	0	92.9	70 - 130				
Tetrachloroethene	18.67	1.0	20	0	93.3	70 - 130				
Toluene	19.53	1.0	20	0	97.7	70 - 123				
trans-1,2-Dichloroethene	20.17	1.0	20	0	101	70 - 130				
trans-1,3-Dichloropropene	18.22	1.0	20	0	91.1	70 - 121				
Trichloroethene	20.15	1.0	20	0	101	70 - 129				
Trichlorofluoromethane	22.93	1.0	20	0	115	70 - 130				
Vinyl chloride	20.53	1.0	20	0	103	70 - 130				
Xylenes, Total	59.96	1.0	60	0	99.9	70 - 130				
1,2-Dichloroethene, Total	38.2	1.0	40	0	95.5	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>49.99</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>100.0</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>49</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.0</i>	<i>81 - 113</i>				
<i>Surr: Dibromofluoromethane</i>	<i>51.66</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>49.27</i>	<i>1.0</i>	<i>50</i>	<i>0</i>	<i>98.5</i>	<i>82 - 127</i>				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C						
MSD		Sample ID: HS21060258-10MSD		Units: ug/L		Analysis Date: 12-Jun-2021 02:16				
Client ID: TW3		Run ID: VOA4_385449		SeqNo: 6134066		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.12	1.0	20	0	90.6	70 - 120	18.33	1.13	20	
1,1,1-Trichloroethane	20.12	1.0	20	0	101	70 - 130	20.34	1.11	20	
1,1,2,2-Tetrachloroethane	17.83	1.0	20	0	89.2	70 - 123	18.77	5.13	20	
1,1,2-Trichloroethane	18.59	1.0	20	0	93.0	70 - 117	18.54	0.293	20	
1,1-Dichloroethane	18.52	1.0	20	0	92.6	70 - 127	18.73	1.11	20	
1,1-Dichloroethene	20.19	1.0	20	0	101	70 - 130	21.58	6.62	20	
1,2-Dibromo-3-chloropropane	16.98	1.0	20	0	84.9	70 - 130	16.11	5.27	20	
1,2-Dichlorobenzene	17.3	1.0	20	0	86.5	70 - 115	18.17	4.93	20	
1,2-Dichloroethane	17.32	1.0	20	0	86.6	70 - 127	17.4	0.48	20	
1,2-Dichloropropane	18.18	1.0	20	0	90.9	70 - 122	18.92	3.96	20	
1,3-Dichlorobenzene	17.99	1.0	20	0	89.9	70 - 119	19.02	5.59	20	
1,4-Dichlorobenzene	17.18	1.0	20	0	85.9	70 - 114	17.97	4.5	20	
2-Butanone	33.91	2.0	40	0	84.8	70 - 130	35.62	4.91	20	
4-Methyl-2-pentanone	38.27	2.0	40	0	95.7	70 - 130	37.55	1.88	20	
Acetone	41.48	2.0	40	0	104	70 - 130	41.58	0.245	20	
Benzene	19.1	1.0	20	0	95.5	70 - 127	19.28	0.94	20	
Bromodichloromethane	17.6	1.0	20	0	88.0	70 - 124	17.05	3.16	20	
Bromoform	17.19	1.0	20	0	86.0	70 - 129	16.58	3.64	20	
Bromomethane	22.5	1.0	20	0	112	70 - 130	23.73	5.33	20	
Carbon disulfide	38.11	2.0	40	0	95.3	70 - 130	40.3	5.59	20	
Carbon tetrachloride	19.46	1.0	20	0	97.3	70 - 130	19.47	0.0668	20	
Chlorobenzene	17.43	1.0	20	0	87.1	70 - 114	18.26	4.68	20	
Chloroethane	31.9	1.0	20	0	159	70 - 130	23.39	30.8	20	SR
Chloroform	19.12	1.0	20	0	95.6	70 - 125	18.72	2.16	20	
Chloromethane	20.16	1.0	20	0	101	70 - 130	22.12	9.28	20	
cis-1,2-Dichloroethene	18.05	1.0	20	0	90.3	70 - 128	18.03	0.107	20	
cis-1,3-Dichloropropene	17.32	1.0	20	0	86.6	70 - 125	17.54	1.22	20	
Dibromochloromethane	17.41	1.0	20	0	87.1	70 - 124	17.62	1.22	20	
Ethylbenzene	18.21	1.0	20	0	91.0	70 - 124	17.99	1.21	20	
Isobutyl alcohol	393.1	20	400	0	98.3	70 - 130	399.3	1.55	20	
m,p-Xylene	38.76	2.0	40	0	96.9	70 - 130	40.46	4.29	20	
Methyl tert-butyl ether	16.8	1.0	20	0	84.0	70 - 130	15.57	7.59	20	
Methylene chloride	19.6	2.0	20	0	98.0	70 - 128	18.36	6.54	20	
o-Xylene	18.58	1.0	20	0	92.9	70 - 124	19.5	4.82	20	

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385449 (0) **Instrument:** VOA4 **Method:** LOW LEVEL VOLATILES BY SW8260C

MSD		Sample ID: HS21060258-10MSD			Units: ug/L		Analysis Date: 12-Jun-2021 02:16			
Client ID: TW3		Run ID: VOA4_385449			SeqNo: 6134066		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Styrene	18.56	1.0	20	0	92.8	70 - 130	18.58	0.111	20	
Tetrachloroethene	18.32	1.0	20	0	91.6	70 - 130	18.67	1.86	20	
Toluene	18.44	1.0	20	0	92.2	70 - 123	19.53	5.75	20	
trans-1,2-Dichloroethene	20.35	1.0	20	0	102	70 - 130	20.17	0.871	20	
trans-1,3-Dichloropropene	17.68	1.0	20	0	88.4	70 - 121	18.22	2.98	20	
Trichloroethene	18.38	1.0	20	0	91.9	70 - 129	20.15	9.17	20	
Trichlorofluoromethane	22.27	1.0	20	0	111	70 - 130	22.93	2.91	20	
Vinyl chloride	19.79	1.0	20	0	99.0	70 - 130	20.53	3.67	20	
Xylenes, Total	57.35	1.0	60	0	95.6	70 - 130	59.96	4.46	20	
1,2-Dichloroethene, Total	38.4	1.0	40	0	96.0	70 - 130	38.2	0.511	20	
Surr: 1,2-Dichloroethane-d4	51.57	1.0	50	0	103	70 - 126	49.99	3.12	20	
Surr: 4-Bromofluorobenzene	49.18	1.0	50	0	98.4	81 - 113	49	0.372	20	
Surr: Dibromofluoromethane	52.83	1.0	50	0	106	77 - 123	51.66	2.25	20	
Surr: Toluene-d8	50.02	1.0	50	0	100	82 - 127	49.27	1.51	20	

The following samples were analyzed in this batch:

HS21060258-10	HS21060258-11	HS21060258-12	HS21060258-13
HS21060258-14	HS21060258-15	HS21060258-16	HS21060258-18
HS21060258-20	HS21060258-22		

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385301 (0)	Instrument: Balance1	Method: MOISTURE - ASTM D2216
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DUP	Sample ID: HS21060258-02DUP	Units: wt%	Analysis Date: 09-Jun-2021 16:54							
Client ID: LB3 14-16	Run ID: Balance1_385301	SeqNo: 6130845	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture	24.9	0.0100	24.9	0	20
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DUP	Sample ID: HS21060205-08DUP	Units: wt%	Analysis Date: 09-Jun-2021 16:54							
Client ID:	Run ID: Balance1_385301	SeqNo: 6130844	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture	14.1	0.0100	14.6	3.48	20
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The following samples were analyzed in this batch:

HS21060258-01	HS21060258-02	HS21060258-03	HS21060258-04
HS21060258-05			

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

QC BATCH REPORT

Batch ID: R385397 (0) Instrument: Balance1 Method: MOISTURE - ASTM D2216

DUP	Sample ID: HS21060484-06DUP	Units: wt%	Analysis Date: 10-Jun-2021 13:34							
Client ID:	Run ID: Balance1_385397	SeqNo: 6133124	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture 14 0.0100 14 0 20

The following samples were analyzed in this batch: HS21060258-06 HS21060258-07 HS21060258-08 HS21060258-09

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
WorkOrder: HS21060258

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/Kg-dry	Milligrams per Kilogram- Dry weight corrected
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Dept of Defense	PJLA L20-507-R2	22-Dec-2021
Florida	E87611-33	30-Jun-2022
Illinois	2000322021-7	09-May-2022
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2021-2022	30-Apr-2022
Louisiana	03087, 2021-2022	30-Jun-2022
North Carolina	624-2021	31-Dec-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-21-27	30-Apr-2022
Utah	TX026932021-10	31-Jul-2021

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
Work Order: HS21060258

SAMPLE TRACKING

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS21060258-01	LB3 8-10	Login	6/4/2021 4:23:32 PM	DJW	SPA002
HS21060258-01	LB3 8-10	Login	6/4/2021 4:23:32 PM	DJW	J039
HS21060258-02	LB3 14-16	Login	6/4/2021 4:23:32 PM	DJW	SPA002
HS21060258-02	LB3 14-16	Login	6/4/2021 4:23:32 PM	DJW	J039
HS21060258-03	LB2 0-2	Login	6/4/2021 4:23:32 PM	DJW	SPA002
HS21060258-03	LB2 0-2	Login	6/4/2021 4:23:32 PM	DJW	J039
HS21060258-04	LB2 8-10	Login	6/4/2021 4:23:32 PM	DJW	SPA002
HS21060258-04	LB2 8-10	Login	6/4/2021 4:23:32 PM	DJW	J039
HS21060258-05	LB2 14-16	Login	6/4/2021 4:23:33 PM	DJW	SPA002
HS21060258-05	LB2 14-16	Login	6/4/2021 4:23:33 PM	DJW	J039
HS21060258-06	LB1 0-2	Login	6/4/2021 4:23:33 PM	DJW	SPA002
HS21060258-06	LB1 0-2	Login	6/4/2021 4:23:33 PM	DJW	J039
HS21060258-07	LB1 12-14	Login	6/4/2021 4:23:33 PM	DJW	SPA002
HS21060258-07	LB1 12-14	Login	6/4/2021 4:23:33 PM	DJW	J039
HS21060258-08	LB1 14-16	Login	6/4/2021 4:23:33 PM	DJW	SPA002
HS21060258-08	LB1 14-16	Login	6/4/2021 4:23:33 PM	DJW	J039
HS21060258-09	LB1A	Login	6/4/2021 4:23:33 PM	DJW	SPA002
HS21060258-09	LB1A	Login	6/4/2021 4:23:33 PM	DJW	J039
HS21060258-10	TW3	Login	6/4/2021 4:23:57 PM	DJW	EXT037
HS21060258-10	TW3	Login	6/4/2021 4:23:57 PM	DJW	EXT037
HS21060258-10	TW3	Login	6/4/2021 4:23:57 PM	DJW	VOA117
HS21060258-10	TW3	Login	6/4/2021 4:23:57 PM	DJW	B029
HS21060258-11	TW3A	Login	6/4/2021 4:23:57 PM	DJW	EXT037
HS21060258-11	TW3A	Login	6/4/2021 4:23:57 PM	DJW	EXT037
HS21060258-11	TW3A	Login	6/4/2021 4:23:57 PM	DJW	VOA117
HS21060258-11	TW3A	Login	6/4/2021 4:23:57 PM	DJW	B029
HS21060258-12	TW2	Login	6/4/2021 4:24:02 PM	DJW	EXT040
HS21060258-12	TW2	Login	6/4/2021 4:24:02 PM	DJW	VOA117
HS21060258-12	TW2	Login	6/4/2021 4:24:02 PM	DJW	B029
HS21060258-13	TW1	Login	6/4/2021 4:24:02 PM	DJW	EXT040
HS21060258-13	TW1	Login	6/4/2021 4:24:02 PM	DJW	EXT040
HS21060258-13	TW1	Login	6/4/2021 4:24:02 PM	DJW	VOA117
HS21060258-13	TW1	Login	6/4/2021 4:24:02 PM	DJW	B029
HS21060258-14	RB1	Login	6/4/2021 4:24:02 PM	DJW	EXT040
HS21060258-14	RB1	Login	6/4/2021 4:24:02 PM	DJW	EXT040
HS21060258-14	RB1	Login	6/4/2021 4:24:02 PM	DJW	VOA117
HS21060258-14	RB1	Login	6/4/2021 4:24:02 PM	DJW	B042
HS21060258-15	FB1	Login	6/4/2021 4:24:02 PM	DJW	VOA117
HS21060258-15	FB1	Login	6/4/2021 4:24:02 PM	DJW	B042

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA
Work Order: HS21060258

SAMPLE TRACKING

HS21060258-16	Trip Blank 2 VOC	Login	6/4/2021 4:24:03 PM	DJW	VOA117
HS21060258-17	Trip Blank 2 VPH	Login	6/4/2021 4:24:03 PM	DJW	B042
HS21060258-18	Trip Blank 3 VOC	Login	6/4/2021 4:24:03 PM	DJW	VOA117
HS21060258-19	Trip Blank 3 VPH	Login	6/4/2021 4:24:04 PM	DJW	B042
HS21060258-20	Trip Blank 4 VOC	Login	6/4/2021 4:24:04 PM	DJW	VOA117
HS21060258-21	Trip Blank 4 VPH	Login	6/4/2021 4:24:04 PM	DJW	B042
HS21060258-22	Trip Blank 5 VOC	Login	6/4/2021 4:24:05 PM	DJW	VOA117
HS21060258-23	Trip Blank 5 VPH	Login	6/4/2021 4:24:05 PM	DJW	B042

Sample Receipt Checklist

Work Order ID: HS21060258
Client Name: Leaaf Environmental

Date/Time Received: 04-Jun-2021 09:50
Received by: Jared R. Makan

Completed By: /S/ Pablo Martinez 04-Jun-2021 16:19
Reviewed by: /S/ Dane J. Wacasey 10-Jun-2021 12:24

Matrices: SOIL/WATER

Carrier name: FedEx Priority Overnight

- Shipping container/cooler in good condition? Yes [checked] No [] Not Present []
Custody seals intact on shipping container/cooler? Yes [checked] No [] Not Present []
Custody seals intact on sample bottles? Yes [] No [] Not Present [checked]
VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes [checked] No [] Not Present []
Chain of custody present? Yes [checked] No []
Chain of custody signed when relinquished and received? Yes [checked] No []
Samplers name present on COC? Yes [checked] No []
Chain of custody agrees with sample labels? Yes [] No [checked]
Samples in proper container/bottle? Yes [checked] No []
Sample containers intact? Yes [checked] No []
Sufficient sample volume for indicated test? Yes [checked] No []
All samples received within holding time? Yes [checked] No []
Container/Temp Blank temperature in compliance? Yes [checked] No []

Temperature(s)/Thermometer(s): 0.9°C, 1.2°C, 0.8°C, 1.3°C UC/C IR 31
Cooler(s)/Kit(s): 23859, 47450, 46659, 46586
Date/Time sample(s) sent to storage: 6/4/21 17:35

- Water - VOA vials have zero headspace? Yes [checked] No [] No VOA vials submitted []
Water - pH acceptable upon receipt? Yes [checked] No [] N/A []
pH adjusted? Yes [] No [checked] N/A []

pH adjusted by:
Login Notes: TW-2: Quantity differs: CoC = 10 Rec'd = 8; No Volume for Semi-Volatiles; poor regen well. analyze for tests for containers rec'd.

Client Contacted: Date Contacted: Person Contacted:
Contacted By: Regarding:
Comments:
Corrective Action:



Cincinnati, OH
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Fort Collins, CO
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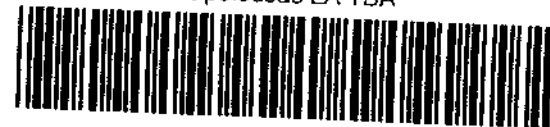
Chain of Custody Form

Page ____ of ____

COC ID: 2468866

HS21060258

Leaf Environmental, LLC
Opelousas LA TBA



ALS Project Manager:

Customer Information		Project Information		
Purchase Order		Project Name	Opelousas LA TBA	A
Work Order		Project Number		B
Company Name	Leaf Environmental, LLC	Bill To Company	Leaf Environmental, LLC	C
Send Report To	Michael Stevens	Invoice Attn	Michael Stevens	D
Address	2301 Whitney Ave	Address	2301 Whitney Ave	E
City/State/Zip	Gretna, LA 70056	City/State/Zip	Gretna LA 70056	G
Phone	(504) 342-2587	Phone	(504) 342-2587	H
Fax		Fax		I
e-Mail Address	mstevens@leaf.com	e-Mail Address	mstevens@leaf.com	J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Trip Blank	6/5/21		Water	18	4											
2	LB3 8-10		0949	Soil	-	6	X	X	X	X	X						
3	LB3 14-16		0959		-	15	X	X	X	X	X						
4	LB2 0-2		1033		-	6	X	X	X	X	X						
5	LB2 8-10		1047		-	6	X	X	X	X	X						
6	LB2 14-16		1104		-	6	X	X	X	X	X						
7	LB1 0-2		1130		-	6	X	X	X	X	X						
8	LB1 12-14		1155		-	6	X	X	X	X	X						
9	LB1 14-16		1157		-	6	X	X	X	X	X						
10	LB1A				-	6	X	X	X	X	X						

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:	
				<input checked="" type="checkbox"/> 3FD 30-wk Devs <input type="checkbox"/> 7-wk Devs <input type="checkbox"/> 1-wk Devs <input type="checkbox"/> 2-Hour					
Relinquished by:	Date: 6/3/21	Time: 15:30	Received by:		Notes: Leaf Opelousas LA				
Relinquished by:	Date: 6/4/21	Time: 09:50	Received by (Laboratory):		Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)		
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):		47450	1.2°C	<input checked="" type="checkbox"/> Level 1 - 5000	<input type="checkbox"/> TRAP Check/Est	
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5036					46659	2.8°C	<input type="checkbox"/> Level 2 - 1000 Raw Data	<input type="checkbox"/> TRAP Level 1	
					46586	1.3°C	<input type="checkbox"/> Level 3 - 10000	<input type="checkbox"/> TRAP Level 2	

note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

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Chain of Custody Form

Page ____ of ____

COC ID: 246865

HS21060258

Leaf Environmental, LLC
Opelousas LA TBA



ALS Project Manager:

Customer Information		Project Information		ALS Project Manager:											
Purchase Order		Project Name	Opelousas LA TBA	A	8160_S1 (5035) 8260 VOC TCL 4.3)										
Work Order		Project Number		B	MA VPH LA S (5035) MA VPH)										
Company Name	Leaf Environmental, LLC	Bill To Company	Leaf Environmental, LLC	C	MA EPH S LA (MA-EPH)										
Send Report To	Michael Stevens	Invoice Attn	Michael Stevens	D	8270_LOW_S (8270 SVOC TCL 4.3)										
Address	2301 Whitney Ave	Address	2301 Whitney Ave	E	MOIST ASTM (Moisture %)										
City/State/Zip	Gretna LA 70056	City/State/Zip	Gretna LA 70056	F	8260_LL_W (8260 VOC TCL 4.3)										
Phone	(504) 342-2587	Phone	(504) 342-2587	G	MA VPH LA W (MA VPH)										
Fax		Fax		H	MA EPH W La (MA-EPH)										
e-Mail Address	mstevens@leaf.com	e-Mail Address	mstevens@leaf.com	I	8270_LOW_W (8270 SVOC TCL 4.3)										
				J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Trip Blank 2	6/3/21	-	Water	1.8	4						X	X				
2	TW 3	6/3/21	1300			30	MA/MAW					X	X	X	X		
3	TW 3A	6/3/21	-			10						X	X	X	X		
4	TW 3	6/3/21	1400			10						X	X	X	X		
5	TW 1	6/3/21	1445			10						X	X	X	X		
6	RBI	6/3/21	1230			10						X	X	X	X		
7	FBI	6/3/21	1240			6						X	X				
8	Trip Blank 3	6/3/21	-			6						X	X				
9	Trip Blank 4	6/3/21	-			6						X	X				
10	Trip Blank 5	6/3/21	-			6						X	X				

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:					
Relinquished by: <i>[Signature]</i>		Date: 6/3/21	Time: 1500	<input checked="" type="checkbox"/> STD 10 Wk. Days <input type="checkbox"/> 1 Wk. Days <input type="checkbox"/> 2 Wk. Days <input type="checkbox"/> 30 Days				Notes: Leaf Opelousas LA					
Relinquished by:		Date: 6/4/21	Time: 09:50	Received by (Laboratory): J. [Signature]				QC Package: (Check One Box Below)					
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):				Cooler ID: 23859	Cooler Temp: 1.4°C	<input checked="" type="checkbox"/> Level II Std. Kit <input type="checkbox"/> Level III Std. Kit <input type="checkbox"/> Level I Std. Kit			
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035													

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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 3. The Chain of Custody is a legal document. All information must be completed accurately.

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 ALS 10450 Standliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5687	CUSTODY SEAL		Seal Broken By: <i>M</i>
	Date: <i>6/3/21</i>	Name: <i>[Signature]</i>	Date: <i>6/3/21</i>
	Company: <i>[Signature]</i>		

FedEx
TRK# 0221 9473 0844 1415

FRI - 04 JUN 10:3
PRIORITY OVERNIGHT

FedEx
TRK# 0221 9473 0844 1390


FRI - 04 JUN 10:30A
PRIORITY OVERNIGHT

XH SGRA 23859 77099
TX-US IAH

XH SGRA 47450 77099
TX-US IAH



870327 06/03 56033/8387/FE46

 ALS 10450 Standliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5687	CUSTODY SEAL		Seal Broken By: <i>M</i>
	Date: <i>6/3/21</i>	Name: <i>[Signature]</i>	Date: <i>6/3/21</i>
	Company: <i>[Signature]</i>		

FedEx
TRK# 0221 9473 0844 1389

FRI - 04 JUN 10:30A
PRIORITY OVERNIGHT

FRI - 04 JUN 10:30A
PRIORITY OVERNIGHT

XH SGRA 46659 77099
TX-US IAH

XH SGRA 46586 77099
TX-US IAH



83970327 06/03 56033/8387/FE46

83970327 06/03 56033/8387/FE46

6/3/21



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

June 18, 2021

Michael Stevens
Leaaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Work Order: **HS21060267**

Laboratory Results for: **Opelousas LA TBA - IDW**

Dear Michael Stevens ,

ALS Environmental received 1 sample(s) on Jun 04, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL

Dane J. Wacasey

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
Work Order: HS21060267

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21060267-01	IDW - S	Soil		03-Jun-2021 14:30	04-Jun-2021 09:50	<input type="checkbox"/>

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
Work Order: HS21060267

CASE NARRATIVE

Work Order Comments

- Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.
The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 °C.

GCMS Semivolatiles by Method SW1311/8270**Batch ID: 166623**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Volatiles by Method SW8260**Batch ID: 166611****Sample ID: HS21060272-13MS**

- MS is for an unrelated sample

Metals by Method SW1311/6020**Batch ID: 166927**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW7470A**Batch ID: 166743****Sample ID: HS21060146-01MS**

- MS and MSD are for an unrelated sample

WetChemistry by Method SW7.3.3.2**Batch ID: R385735**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW1030**Batch ID: R385770**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW7.3.4.2**Batch ID: R385675**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method SW9045D**Batch ID: R385236**

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA - IDW
 Sample ID: IDW - S
 Collection Date: 03-Jun-2021 14:30

ANALYTICAL REPORT
 WorkOrder:HS21060267
 Lab ID:HS21060267-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TCLP VOLATILES		Method:SW8260	Leache:SW1311 / 08-Jun-2021	Prep:SW1311 / 08-Jun-2021		Analyst: PC
1,1-Dichloroethene	ND		0.10	mg/L	20	08-Jun-2021 18:52
1,2-Dichloroethane	ND		0.10	mg/L	20	08-Jun-2021 18:52
1,4-Dichlorobenzene	ND		0.10	mg/L	20	08-Jun-2021 18:52
2-Butanone	ND		0.20	mg/L	20	08-Jun-2021 18:52
Benzene	ND		0.10	mg/L	20	08-Jun-2021 18:52
Carbon tetrachloride	ND		0.10	mg/L	20	08-Jun-2021 18:52
Chlorobenzene	ND		0.10	mg/L	20	08-Jun-2021 18:52
Chloroform	ND		0.10	mg/L	20	08-Jun-2021 18:52
Tetrachloroethene	ND		0.10	mg/L	20	08-Jun-2021 18:52
Trichloroethene	ND		0.10	mg/L	20	08-Jun-2021 18:52
Vinyl chloride	ND		0.040	mg/L	20	08-Jun-2021 18:52
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>108</i>		<i>70-126</i>	<i>%REC</i>	<i>20</i>	<i>08-Jun-2021 18:52</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>97.4</i>		<i>82-124</i>	<i>%REC</i>	<i>20</i>	<i>08-Jun-2021 18:52</i>
<i>Surr: Dibromofluoromethane</i>	<i>101</i>		<i>77-123</i>	<i>%REC</i>	<i>20</i>	<i>08-Jun-2021 18:52</i>
<i>Surr: Toluene-d8</i>	<i>98.0</i>		<i>82-127</i>	<i>%REC</i>	<i>20</i>	<i>08-Jun-2021 18:52</i>
TCLP SEMIVOLATILES		Method:SW1311/8270	Leache:SW1311 / 08-Jun-2021	Prep:SW3510 / 08-Jun-2021		Analyst: GEY
2,4,5-Trichlorophenol	ND		0.0050	mg/L	1	11-Jun-2021 18:10
2,4,6-Trichlorophenol	ND		0.0050	mg/L	1	11-Jun-2021 18:10
2,4-Dinitrotoluene	ND		0.0050	mg/L	1	11-Jun-2021 18:10
Cresols, Total	ND		0.015	mg/L	1	11-Jun-2021 18:10
Hexachlorobenzene	ND		0.0050	mg/L	1	11-Jun-2021 18:10
Hexachlorobutadiene	ND		0.0050	mg/L	1	11-Jun-2021 18:10
Hexachloroethane	ND		0.0050	mg/L	1	11-Jun-2021 18:10
Nitrobenzene	ND		0.0050	mg/L	1	11-Jun-2021 18:10
Pentachlorophenol	ND		0.0050	mg/L	1	11-Jun-2021 18:10
Pyridine	ND		0.0050	mg/L	1	11-Jun-2021 18:10
<i>Surr: 2,4,6-Tribromophenol</i>	<i>66.8</i>		<i>39-153</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 18:10</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>69.9</i>		<i>40-147</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 18:10</i>
<i>Surr: 2-Fluorophenol</i>	<i>48.5</i>		<i>21-110</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 18:10</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>86.5</i>		<i>39-141</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 18:10</i>
<i>Surr: Nitrobenzene-d5</i>	<i>65.8</i>		<i>37-140</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 18:10</i>
<i>Surr: Phenol-d6</i>	<i>48.1</i>		<i>11-110</i>	<i>%REC</i>	<i>1</i>	<i>11-Jun-2021 18:10</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Leaf Environmental, LLC
 Project: Opelousas LA TBA - IDW
 Sample ID: IDW - S
 Collection Date: 03-Jun-2021 14:30

ANALYTICAL REPORT
 WorkOrder:HS21060267
 Lab ID:HS21060267-01
 Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
TCLP METALS BY SW6020A						
	Method:SW1311/6020		Leache:SW1311 / 08-Jun-2021	Prep:SW3010A / 16-Jun-2021		Analyst: JHD
Arsenic	ND		0.0500	mg/L	1	16-Jun-2021 22:37
Barium	0.738		0.200	mg/L	1	16-Jun-2021 22:37
Cadmium	ND		0.0500	mg/L	1	16-Jun-2021 22:37
Chromium	ND		0.0500	mg/L	1	16-Jun-2021 22:37
Lead	ND		0.0500	mg/L	1	16-Jun-2021 22:37
Selenium	ND		0.0500	mg/L	1	16-Jun-2021 22:37
Silver	ND		0.0500	mg/L	1	16-Jun-2021 22:37
TCLP MERCURY BY SW7470A						
	Method:SW7470A		Leache:SW1311 / 08-Jun-2021	Prep:SW7470A / 10-Jun-2021		Analyst: MSC
Mercury	0.000211		0.000200	mg/L	1	10-Jun-2021 13:08
BURN RATE BY METHOD SW1030						
	Method:SW1030					Analyst: KAH
Ignitability, Solid	0		0	Burn Rate, mm/sec	1	17-Jun-2021 14:30
REACTIVE CYANIDE						
	Method:SW7.3.3.2					Analyst: KVL
Reactive Cyanide	ND	a	100	mg/Kg	1	17-Jun-2021 13:00
REACTIVE SULFIDE						
	Method:SW7.3.4.2					Analyst: KVL
Reactive Sulfide	ND	a	100	mg/Kg	1	16-Jun-2021 16:40
PH SOIL BY SW9045D						
	Method:SW9045D					Analyst: JW
pH	7.34	H	0.100	pH Units	1	09-Jun-2021 12:33
Temp Deg C @pH	24.4	H	0	°C	1	09-Jun-2021 12:33

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: Leaaf Environmental, LLC

Project: Opelousas LA TBA - IDW

WorkOrder: HS21060267

Batch ID: 166606 **Start Date:** 07 Jun 2021 17:00 **End Date:** 08 Jun 2021 10:00**Method:** TCLP MERCURY EXTRACTION BY SW1311 **Prep Code:** 1311LHG EXT

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01		150 (grams)	3000 (mL)	20	8-oz glass, Neat

Batch ID: 166607 **Start Date:** 07 Jun 2021 17:00 **End Date:** 08 Jun 2021 10:00**Method:** TCLP METALS EXTRACTION BY SW1311 **Prep Code:** 1311LM EXT

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01		150 (grams)	3000 (mL)	20	8-oz glass, Neat

Batch ID: 166610 **Start Date:** 07 Jun 2021 17:00 **End Date:** 08 Jun 2021 10:00**Method:** TCLP SEMIVOLATILE EXTRACTION BY SW1311 **Prep Code:** 1311LO_SV

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01		150 (grams)	3000 (mL)	20	8-oz glass, Neat

Batch ID: 166611 **Start Date:** 07 Jun 2021 17:00 **End Date:** 08 Jun 2021 10:00**Method:** TCLP ZHE (VOL EXTRACTION) **Prep Code:** 1311ZHE

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01		25 (g)	500 (mL)	20	8-oz glass, Neat

Batch ID: 166623 **Start Date:** 08 Jun 2021 12:00 **End Date:** 08 Jun 2021 14:30**Method:** SV AQ SEP FUNNEL EXTRACTION - SW3510C **Prep Code:** 3510_B

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01	1	1000 (mL)	1 (mL)	0.001	8-oz glass, Neat

Batch ID: 166743 **Start Date:** 10 Jun 2021 08:00 **End Date:** 10 Jun 2021 11:00**Method:** MERCURY TCLP PREP BY SW7470A **Prep Code:** 1311_HGPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01		10 (mL)	10 (mL)	1	8-oz glass, Neat

Batch ID: 166927 **Start Date:** 16 Jun 2021 12:00 **End Date:** 16 Jun 2021 16:00**Method:** TCLP LEACHATE DIGESTION BY SW3010A **Prep Code:** 3010A_TCLP

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21060267-01		1 (mL)	10 (mL)	10	8-oz glass, Neat

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 166611 (0)		Test Name : TCLP VOLATILES			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30	08 Jun 2021 10:00	08 Jun 2021 12:51	08 Jun 2021 18:52	20
Batch ID: 166623 (0)		Test Name : TCLP SEMIVOLATILES			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30	08 Jun 2021 10:00	08 Jun 2021 08:00	11 Jun 2021 18:10	1
Batch ID: 166743 (0)		Test Name : TCLP MERCURY BY SW7470A			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30	08 Jun 2021 10:00	10 Jun 2021 11:00	10 Jun 2021 13:08	1
Batch ID: 166927 (0)		Test Name : TCLP METALS BY SW6020A			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30	08 Jun 2021 10:00	16 Jun 2021 16:00	16 Jun 2021 22:37	1
Batch ID: R385236 (0)		Test Name : PH SOIL BY SW9045D			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30			09 Jun 2021 12:33	1
Batch ID: R385675 (0)		Test Name : REACTIVE SULFIDE			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30			16 Jun 2021 16:40	1
Batch ID: R385735 (0)		Test Name : REACTIVE CYANIDE			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30			17 Jun 2021 13:00	1
Batch ID: R385770 (0)		Test Name : BURN RATE BY METHOD SW1030			Matrix: Soil	
HS21060267-01	IDW - S	03 Jun 2021 14:30			17 Jun 2021 14:30	1

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166743 (0)		Instrument: HG03		Method: TCLP MERCURY BY SW7470A					
MBLK	Sample ID: MBLKT2-166743	Units: mg/L		Analysis Date: 10-Jun-2021 12:39					
Client ID:	Run ID: HG03_385307	SeqNo: 6131564		PrepDate: 10-Jun-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual	
Mercury	ND	0.000200							
MBLK	Sample ID: MBLKT4-166743	Units: mg/L		Analysis Date: 10-Jun-2021 12:42					
Client ID:	Run ID: HG03_385307	SeqNo: 6131566		PrepDate: 10-Jun-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual	
Mercury	ND	0.000200							
MBLK	Sample ID: MBLKT5-166743	Units: mg/L		Analysis Date: 10-Jun-2021 13:59					
Client ID:	Run ID: HG03_385307	SeqNo: 6131561		PrepDate: 10-Jun-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual	
Mercury	ND	0.000200							
MBLK	Sample ID: MBLKT3-166743	Units: mg/L		Analysis Date: 10-Jun-2021 12:41					
Client ID:	Run ID: HG03_385307	SeqNo: 6131565		PrepDate: 10-Jun-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual	
Mercury	ND	0.000200							
MBLK	Sample ID: MBLKT1-166743	Units: mg/L		Analysis Date: 10-Jun-2021 12:37					
Client ID:	Run ID: HG03_385307	SeqNo: 6131563		PrepDate: 10-Jun-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual	
Mercury	ND	0.000200							
MBLK	Sample ID: MBLK-166743	Units: mg/L		Analysis Date: 10-Jun-2021 12:34					
Client ID:	Run ID: HG03_385307	SeqNo: 6131562		PrepDate: 10-Jun-2021		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD Limit Qual	
Mercury	ND	0.000200							

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166743 (0) **Instrument:** HG03 **Method:** TCLP MERCURY BY SW7470A

LCS Sample ID: **LCS-166743** Units: **mg/L** Analysis Date: **10-Jun-2021 12:52**
 Client ID: Run ID: **HG03_385307** SeqNo: **6131567** PrepDate: **10-Jun-2021** DF: **1**
 Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Mercury 0.00504 0.000200 0.005 0 101 80 - 120

MS Sample ID: **HS21060146-01MS** Units: **mg/L** Analysis Date: **10-Jun-2021 12:55**
 Client ID: Run ID: **HG03_385307** SeqNo: **6131569** PrepDate: **10-Jun-2021** DF: **1**
 Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Mercury 0.00765 0.000200 0.005 0.000051 152 75 - 125 S

MSD Sample ID: **HS21060146-01MSD** Units: **mg/L** Analysis Date: **10-Jun-2021 12:57**
 Client ID: Run ID: **HG03_385307** SeqNo: **6131570** PrepDate: **10-Jun-2021** DF: **1**
 Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Mercury 0.00713 0.000200 0.005 0.000051 142 75 - 125 0.00765 7.04 20 S

The following samples were analyzed in this batch: HS21060267-01

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166927 (0)	Instrument: ICPMS06	Method: TCLP METALS BY SW6020A
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MBLK	Sample ID: MBLKT2-166927	Units: mg/L	Analysis Date: 16-Jun-2021 22:06							
Client ID:	Run ID: ICPMS06_385647	SeqNo: 6139755	PrepDate: 16-Jun-2021 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK	Sample ID: MBLKT4-166927	Units: mg/L	Analysis Date: 16-Jun-2021 22:10							
Client ID:	Run ID: ICPMS06_385647	SeqNo: 6139757	PrepDate: 16-Jun-2021 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK	Sample ID: MBLKT5-166927	Units: mg/L	Analysis Date: 16-Jun-2021 22:12							
Client ID:	Run ID: ICPMS06_385647	SeqNo: 6139758	PrepDate: 16-Jun-2021 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166927 (0)	Instrument: ICPMS06	Method: TCLP METALS BY SW6020A
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MBLK	Sample ID: MBLKT3-166927	Units: mg/L	Analysis Date: 16-Jun-2021 22:08							
Client ID:	Run ID: ICPMS06_385647	SeqNo: 6139756	PrepDate: 16-Jun-2021 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK	Sample ID: MBLKT1-166927	Units: mg/L	Analysis Date: 16-Jun-2021 22:04							
Client ID:	Run ID: ICPMS06_385647	SeqNo: 6139754	PrepDate: 16-Jun-2021 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK	Sample ID: MBLK-166927	Units: mg/L	Analysis Date: 16-Jun-2021 22:02							
Client ID:	Run ID: ICPMS06_385647	SeqNo: 6139753	PrepDate: 16-Jun-2021 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual
Arsenic	ND	0.00500								
Barium	ND	0.0200								
Cadmium	ND	0.00500								
Chromium	ND	0.00500								
Lead	ND	0.00500								
Selenium	ND	0.00500								
Silver	ND	0.00500								

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166927 (0) **Instrument:** ICPMS06 **Method:** TCLP METALS BY SW6020A

LCS		Sample ID: LCS-166927			Units: mg/L		Analysis Date: 16-Jun-2021 22:14			
Client ID:		Run ID: ICPMS06_385647			SeqNo: 6139759		PrepDate: 16-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04415	0.00500	0.05	0	88.3	80 - 120				
Barium	0.04768	0.0200	0.05	0	95.4	80 - 120				
Cadmium	0.04807	0.00500	0.05	0	96.1	80 - 120				
Chromium	0.04552	0.00500	0.05	0	91.0	80 - 120				
Lead	0.04702	0.00500	0.05	0	94.0	80 - 120				
Selenium	0.04638	0.00500	0.05	0	92.8	80 - 120				
Silver	0.0484	0.00500	0.05	0	96.8	80 - 120				

MS		Sample ID: HS21060241-02MS			Units: mg/L		Analysis Date: 16-Jun-2021 22:24			
Client ID:		Run ID: ICPMS06_385647			SeqNo: 6139764		PrepDate: 16-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.4397	0.0500	0.5	0.00425	87.1	80 - 120				
Barium	1.474	0.200	0.5	1.035	87.9	80 - 120				
Cadmium	0.4539	0.0500	0.5	0.00007	90.8	80 - 120				
Chromium	0.4488	0.0500	0.5	0.00528	88.7	80 - 120				
Lead	0.4512	0.0500	0.5	0.00426	89.4	80 - 120				
Selenium	0.4414	0.0500	0.5	0.00367	87.5	80 - 120				
Silver	0.444	0.0500	0.5	-0.00008	88.8	80 - 120				

MSD		Sample ID: HS21060241-02MSD			Units: mg/L		Analysis Date: 16-Jun-2021 22:26			
Client ID:		Run ID: ICPMS06_385647			SeqNo: 6139765		PrepDate: 16-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.4655	0.0500	0.5	0.00425	92.2	80 - 120	0.4397	5.7	20	
Barium	1.586	0.200	0.5	1.035	110	80 - 120	1.474	7.28	20	
Cadmium	0.4826	0.0500	0.5	0.00007	96.5	80 - 120	0.4539	6.13	20	
Chromium	0.4663	0.0500	0.5	0.00528	92.2	80 - 120	0.4488	3.83	20	
Lead	0.4709	0.0500	0.5	0.00426	93.3	80 - 120	0.4512	4.28	20	
Selenium	0.4734	0.0500	0.5	0.00367	94.0	80 - 120	0.4414	7	20	
Silver	0.4809	0.0500	0.5	-0.00008	96.2	80 - 120	0.444	7.97	20	

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166927 (0) **Instrument:** ICPMS06 **Method:** TCLP METALS BY SW6020A

PDS		Sample ID: HS21060241-02PDS			Units: mg/L		Analysis Date: 16-Jun-2021 22:28			
Client ID:		Run ID: ICPMS06_385647			SeqNo: 6139766		PrepDate: 16-Jun-2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	1.042	0.0500	1	0.00425	104	75 - 125				
Barium	2.245	0.200	1	1.035	121	75 - 125				
Cadmium	1.062	0.0500	1	0.00007	106	75 - 125				
Chromium	1.06	0.0500	1	0.00528	105	75 - 125				
Lead	1.09	0.0500	1	0.00426	109	75 - 125				
Selenium	1.054	0.0500	1	0.00367	105	75 - 125				
Silver	1.068	0.0500	1	-0.00008	107	75 - 125				

SD		Sample ID: HS21060241-02SD			Units: mg/L		Analysis Date: 16-Jun-2021 22:22			
Client ID:		Run ID: ICPMS06_385647			SeqNo: 6139763		PrepDate: 16-Jun-2021		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	ND	0.250					0.00425	0	10	
Barium	1.016	1.00					1.035	1.83	10	
Cadmium	ND	0.250					0.00007	0	10	
Chromium	ND	0.250					0.00528	0	10	
Lead	ND	0.250					0.00426	0	10	
Selenium	ND	0.250					0.00367	0	10	
Silver	ND	0.250					-0.00008	0	10	

The following samples were analyzed in this batch: HS21060267-01

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166623 (0)		Instrument: SV-4		Method: TCLP SEMIVOLATILES						
MBLK	Sample ID: MBLK-166623	Units: ug/L			Analysis Date: 11-Jun-2021 10:39					
Client ID:	Run ID: SV-4_385434	SeqNo: 6133772		PrepDate: 08-Jun-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachlorobutadiene	ND	5.0								
Hexachloroethane	ND	5.0								
Nitrobenzene	ND	5.0								
Pentachlorophenol	ND	5.0								
Pyridine	ND	5.0								
Cresols, Total	ND	5.0								
<i>Surr: 2,4,6-Tribromophenol</i>	80.2	5.0	100	0	80.2	39 - 153				
<i>Surr: 2-Fluorobiphenyl</i>	91.11	5.0	100	0	91.1	40 - 147				
<i>Surr: 2-Fluorophenol</i>	77.7	5.0	100	0	77.7	21 - 110				
<i>Surr: 4-Terphenyl-d14</i>	91.22	5.0	100	0	91.2	39 - 141				
<i>Surr: Nitrobenzene-d5</i>	86.09	5.0	100	0	86.1	37 - 140				
<i>Surr: Phenol-d6</i>	73.19	5.0	100	0	73.2	11 - 110				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166623 (0)		Instrument: SV-4		Method: TCLP SEMIVOLATILES						
LCS	Sample ID: LCS-166623	Units: ug/L			Analysis Date: 11-Jun-2021 11:01					
Client ID:	Run ID: SV-4_385434	SeqNo: 6133773		PrepDate: 08-Jun-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
2,4,5-Trichlorophenol	85.19	5.0	100	0	85.2	55 - 120				
2,4,6-Trichlorophenol	83.16	5.0	100	0	83.2	55 - 120				
2,4-Dinitrotoluene	41.9	5.0	50	0	83.8	55 - 125				
Hexachlorobenzene	42.34	5.0	50	0	84.7	55 - 120				
Hexachlorobutadiene	40.08	5.0	50	0	80.2	55 - 120				
Hexachloroethane	35.68	5.0	50	0	71.4	55 - 120				
Nitrobenzene	38.1	5.0	50	0	76.2	55 - 120				
Pentachlorophenol	95.18	5.0	100	0	95.2	50 - 135				
Pyridine	27.65	5.0	50	0	55.3	30 - 120				
Cresols, Total	166.6	5.0	250	0	66.6	48 - 115				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>75.94</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>75.9</i>	<i>39 - 153</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>87.05</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>87.1</i>	<i>40 - 147</i>				
<i>Surr: 2-Fluorophenol</i>	<i>62.79</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>62.8</i>	<i>21 - 110</i>				
<i>Surr: 4-Terphenyl-d14</i>	<i>92.93</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>92.9</i>	<i>39 - 141</i>				
<i>Surr: Nitrobenzene-d5</i>	<i>78.38</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>78.4</i>	<i>37 - 140</i>				
<i>Surr: Phenol-d6</i>	<i>59.1</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>59.1</i>	<i>11 - 110</i>				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166623 (0)		Instrument: SV-4		Method: TCLP SEMIVOLATILES						
LCSD	Sample ID: LCSD-166623	Units: ug/L			Analysis Date: 11-Jun-2021 13:53					
Client ID:	Run ID: SV-4_385434	SeqNo: 6133774		PrepDate: 08-Jun-2021		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	85.11	5.0	100	0	85.1	55 - 120	85.19	0.103	30	
2,4,6-Trichlorophenol	82.94	5.0	100	0	82.9	55 - 120	83.16	0.268	30	
2,4-Dinitrotoluene	42.74	5.0	50	0	85.5	55 - 125	41.9	1.97	30	
Hexachlorobenzene	42.4	5.0	50	0	84.8	55 - 120	42.34	0.14	30	
Hexachlorobutadiene	40.04	5.0	50	0	80.1	55 - 120	40.08	0.108	30	
Hexachloroethane	35.81	5.0	50	0	71.6	55 - 120	35.68	0.38	30	
Nitrobenzene	37.96	5.0	50	0	75.9	55 - 120	38.1	0.369	30	
Pentachlorophenol	94.79	5.0	100	0	94.8	50 - 135	95.18	0.411	30	
Pyridine	29.6	5.0	50	0	59.2	30 - 120	27.65	6.82	30	
Cresols, Total	164	5.0	250	0	65.6	48 - 115	166.6	1.53	30	
<i>Surr: 2,4,6-Tribromophenol</i>	<i>76.8</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>76.8</i>	<i>39 - 153</i>	<i>75.94</i>	<i>1.13</i>	<i>30</i>	
<i>Surr: 2-Fluorobiphenyl</i>	<i>87.34</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>87.3</i>	<i>40 - 147</i>	<i>87.05</i>	<i>0.334</i>	<i>30</i>	
<i>Surr: 2-Fluorophenol</i>	<i>61.53</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>61.5</i>	<i>21 - 110</i>	<i>62.79</i>	<i>2.03</i>	<i>30</i>	
<i>Surr: 4-Terphenyl-d14</i>	<i>95.08</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>95.1</i>	<i>39 - 141</i>	<i>92.93</i>	<i>2.29</i>	<i>30</i>	
<i>Surr: Nitrobenzene-d5</i>	<i>78.19</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>78.2</i>	<i>37 - 140</i>	<i>78.38</i>	<i>0.241</i>	<i>30</i>	
<i>Surr: Phenol-d6</i>	<i>58.36</i>	<i>5.0</i>	<i>100</i>	<i>0</i>	<i>58.4</i>	<i>11 - 110</i>	<i>59.1</i>	<i>1.25</i>	<i>30</i>	

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166623 (0)		Instrument: SV-4		Method: TCLP SEMIVOLATILES						
MS		Sample ID: HS21060267-01MS		Units: ug/L		Analysis Date: 11-Jun-2021 18:32				
Client ID: IDW - S		Run ID: SV-4_385434		SeqNo: 6134877		PrepDate: 08-Jun-2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	91.7	5.0	100	0	91.7	55 - 120				
2,4,6-Trichlorophenol	86.69	5.0	100	0	86.7	55 - 120				
2,4-Dinitrotoluene	45.37	5.0	50	0	90.7	55 - 125				
Hexachlorobenzene	47.28	5.0	50	0	94.6	55 - 120				
Hexachlorobutadiene	40.79	5.0	50	0	81.6	55 - 120				
Hexachloroethane	38.26	5.0	50	0	76.5	55 - 120				
Nitrobenzene	39.93	5.0	50	0	79.9	55 - 120				
Pentachlorophenol	108	5.0	100	0	108	50 - 135				
Pyridine	29.84	5.0	50	0	59.7	30 - 120				
Cresols, Total	175.2	5.0	250	0	70.1	48 - 115				
<i>Surr: 2,4,6-Tribromophenol</i>	83.03	5.0	100	0	83.0	39 - 153				
<i>Surr: 2-Fluorobiphenyl</i>	86.37	5.0	100	0	86.4	40 - 147				
<i>Surr: 2-Fluorophenol</i>	64.61	5.0	100	0	64.6	21 - 110				
<i>Surr: 4-Terphenyl-d14</i>	103.4	5.0	100	0	103	39 - 141				
<i>Surr: Nitrobenzene-d5</i>	80.11	5.0	100	0	80.1	37 - 140				
<i>Surr: Phenol-d6</i>	62.16	5.0	100	0	62.2	11 - 110				

The following samples were analyzed in this batch: HS21060267-01

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166611 (0)		Instrument: VOA9		Method: TCLP VOLATILES						
MBLK	Sample ID: MBLK-166611	Units: ug/L			Analysis Date: 08-Jun-2021 16:23					
Client ID:	Run ID: VOA9_385199	SeqNo: 6128637	PrepDate: 08-Jun-2021	DF: 20						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	100								
1,2-Dichloroethane	ND	100								
1,4-Dichlorobenzene	ND	100								
2-Butanone	ND	200								
Benzene	ND	100								
Carbon tetrachloride	ND	100								
Chlorobenzene	ND	100								
Chloroform	ND	100								
Tetrachloroethene	ND	100								
Trichloroethene	ND	100								
Vinyl chloride	ND	40								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1055</i>	<i>100</i>	<i>1000</i>	<i>0</i>	<i>105</i>	<i>70 - 130</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>978.6</i>	<i>100</i>	<i>1000</i>	<i>0</i>	<i>97.9</i>	<i>82 - 115</i>				
<i>Surr: Dibromofluoromethane</i>	<i>978.4</i>	<i>100</i>	<i>1000</i>	<i>0</i>	<i>97.8</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>982.5</i>	<i>100</i>	<i>1000</i>	<i>0</i>	<i>98.3</i>	<i>81 - 120</i>				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166611 (0)		Instrument: VOA9		Method: TCLP VOLATILES						
LCS	Sample ID: VLCSW-166611	Units: ug/L			Analysis Date: 09-Jun-2021 11:54					
Client ID:	Run ID: VOA9_385292	SeqNo: 6130686		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	17.67	5.0	20	0	88.4	70 - 130				
1,2-Dichloroethane	22.3	5.0	20	0	111	70 - 124				
1,4-Dichlorobenzene	20.79	5.0	20	0	104	79 - 113				
2-Butanone	36.86	10	40	0	92.1	70 - 130				
Benzene	20.03	5.0	20	0	100	74 - 120				
Carbon tetrachloride	18.74	5.0	20	0	93.7	71 - 125				
Chlorobenzene	20.93	5.0	20	0	105	76 - 113				
Chloroform	21.29	5.0	20	0	106	71 - 121				
Tetrachloroethene	20.1	5.0	20	0	100	76 - 119				
Trichloroethene	20.37	5.0	20	0	102	77 - 121				
Vinyl chloride	18.46	2.0	20	0	92.3	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>50.43</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>70 - 130</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.66</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>82 - 115</i>				
<i>Surr: Dibromofluoromethane</i>	<i>48.64</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>97.3</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>49.28</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>98.6</i>	<i>81 - 120</i>				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166611 (0)		Instrument: VOA9		Method: TCLP VOLATILES						
LCS	Sample ID: VLCSW-166611	Units: ug/L			Analysis Date: 08-Jun-2021 12:29					
Client ID:	Run ID: VOA9_385199	SeqNo: 6128633		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.79	5.0	20	0	104	70 - 130				
1,2-Dichloroethane	23.16	5.0	20	0	116	70 - 124				
1,4-Dichlorobenzene	22.12	5.0	20	0	111	79 - 113				
2-Butanone	36.84	10	40	0	92.1	70 - 130				
Benzene	21.04	5.0	20	0	105	74 - 120				
Carbon tetrachloride	23.45	5.0	20	0	117	71 - 125				
Chlorobenzene	21.61	5.0	20	0	108	76 - 113				
Chloroform	22.1	5.0	20	0	111	71 - 121				
Tetrachloroethene	23.08	5.0	20	0	115	76 - 119				
Trichloroethene	22.84	5.0	20	0	114	77 - 121				
Vinyl chloride	20.5	2.0	20	0	102	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>52.32</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>105</i>	<i>70 - 130</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>51.34</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>82 - 115</i>				
<i>Surr: Dibromofluoromethane</i>	<i>50.02</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>73 - 126</i>				
<i>Surr: Toluene-d8</i>	<i>48.63</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>97.3</i>	<i>81 - 120</i>				

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166611 (0)		Instrument: VOA9		Method: TCLP VOLATILES						
MS	Sample ID: HS21060272-13MS	Units: ug/L			Analysis Date: 09-Jun-2021 14:23					
Client ID:	Run ID: VOA9_385292	SeqNo: 6130689		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.13	5.0	20	0	101	70 - 130				
1,2-Dichloroethane	22.93	5.0	20	0	115	70 - 127				
1,4-Dichlorobenzene	21.7	5.0	20	0	108	70 - 114				
2-Butanone	37.1	10	40	0	92.7	70 - 130				
Benzene	21.28	5.0	20	0	106	70 - 127				
Carbon tetrachloride	26.81	5.0	20	0	134	70 - 130				S
Chlorobenzene	21.44	5.0	20	0	107	70 - 114				
Chloroform	22.59	5.0	20	0	113	70 - 125				
Tetrachloroethene	22.72	5.0	20	0	114	70 - 130				
Trichloroethene	22.91	5.0	20	0	115	70 - 129				
Vinyl chloride	24.17	2.0	20	5.594	92.9	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>51.71</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>103</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.6</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>82 - 124</i>				
<i>Surr: Dibromofluoromethane</i>	<i>49.65</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>99.3</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>48.81</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>97.6</i>	<i>82 - 127</i>				

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: 166611 (0)		Instrument: VOA9			Method: TCLP VOLATILES					
MS	Sample ID: HS21060272-10MS	Units: ug/L			Analysis Date: 08-Jun-2021 15:41					
Client ID:	Run ID: VOA9_385199	SeqNo: 6128636		PrepDate:			DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	20.67	5.0	20	0	103	70 - 130				
1,2-Dichloroethane	23.43	5.0	20	0	117	70 - 127				
1,4-Dichlorobenzene	22.41	5.0	20	0	112	70 - 114				
2-Butanone	40.79	10	40	0	102	70 - 130				
Benzene	21.63	5.0	20	0	108	70 - 127				
Carbon tetrachloride	25.86	5.0	20	0	129	70 - 130				
Chlorobenzene	22.58	5.0	20	0	113	70 - 114				
Chloroform	23.26	5.0	20	0	116	70 - 125				
Tetrachloroethene	24.56	5.0	20	0	123	70 - 130				
Trichloroethene	23.38	5.0	20	0	117	70 - 129				
Vinyl chloride	18.79	2.0	20	0	94.0	70 - 130				
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>53.38</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>107</i>	<i>70 - 126</i>				
<i>Surr: 4-Bromofluorobenzene</i>	<i>50.86</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>102</i>	<i>82 - 124</i>				
<i>Surr: Dibromofluoromethane</i>	<i>50.34</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>101</i>	<i>77 - 123</i>				
<i>Surr: Toluene-d8</i>	<i>50</i>	<i>5.0</i>	<i>50</i>	<i>0</i>	<i>100</i>	<i>82 - 127</i>				

The following samples were analyzed in this batch:

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: R385236 (0)		Instrument: WetChem_HS		Method: PH SOIL BY SW9045D						
DUP	Sample ID: HS21060261-02DUP	Units: pH Units		Analysis Date: 09-Jun-2021 12:33						
Client ID:	Run ID: WetChem_HS_385236	SeqNo: 6129389		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	8.12	0.100					8.13	0.123	10	
Temp Deg C @pH	24.7	0					24.6	0.406	10	

The following samples were analyzed in this batch:

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: R385675 (0)	Instrument: WetChem_HS	Method: REACTIVE SULFIDE
--------------------------------	-------------------------------	---------------------------------

MBLK	Sample ID: MBLK-R385675	Units: mg/Kg	Analysis Date: 16-Jun-2021 16:40							
Client ID:	Run ID: WetChem_HS_385675	SeqNo: 6139421	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Reactive Sulfide ND 100

LCS	Sample ID: LCS-R385675	Units: mg/Kg	Analysis Date: 16-Jun-2021 16:40							
Client ID:	Run ID: WetChem_HS_385675	SeqNo: 6139420	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Reactive Sulfide 64 10.0 100 0 64.0 20 - 120

MS	Sample ID: HS21060567-01MS	Units: mg/Kg	Analysis Date: 16-Jun-2021 16:40							
Client ID:	Run ID: WetChem_HS_385675	SeqNo: 6139422	PrepDate: DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	Qual

Reactive Sulfide 56 10.0 100 0 56.0 20 - 120

The following samples were analyzed in this batch:

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: R385735 (0)		Instrument: UV-2450		Method: REACTIVE CYANIDE						
MBLK	Sample ID: MBLK-R385735	Units: mg/Kg			Analysis Date: 17-Jun-2021 13:00					
Client ID:	Run ID: UV-2450_385735	SeqNo: 6140752		PrepDate:			DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Reactive Cyanide	ND	100								
LCS	Sample ID: LCS-R385735	Units: mg/Kg			Analysis Date: 17-Jun-2021 13:00					
Client ID:	Run ID: UV-2450_385735	SeqNo: 6140751		PrepDate:			DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Reactive Cyanide	0.67	100	10	0	6.70	5 - 100			J	
MS	Sample ID: HS21060261-01MS	Units: mg/Kg			Analysis Date: 17-Jun-2021 13:00					
Client ID:	Run ID: UV-2450_385735	SeqNo: 6140755		PrepDate:			DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
Reactive Cyanide	0.63	100	10	0	6.30	5 - 100			J	

The following samples were analyzed in this batch:

Client: Leaa Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

QC BATCH REPORT

Batch ID: R385770 (0) **Instrument:** WetChem_HS **Method:** BURN RATE BY METHOD SW1030

DUP	Sample ID: HS21060624-01DUP	Units: Burn Rate, mm/sec	Analysis Date: 17-Jun-2021 14:30						
Client ID:	Run ID: WetChem_HS_385770	SeqNo: 6141781	PrepDate: DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual

Ignitability, Solid 0 0 0 0 25

The following samples were analyzed in this batch: HS21060267-01

Client: Leaaf Environmental, LLC
Project: Opelousas LA TBA - IDW
WorkOrder: HS21060267

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
Date	
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Dept of Defense	PJLA L20-507-R2	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Illinois	2000322021-7	09-May-2022
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2021-2022	30-Apr-2022
Louisiana	03087, 2020-2021	30-Jun-2021
Louisiana	03087, 2021-2022	30-Jun-2022
North Carolina	624-2021	31-Dec-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-21-27	30-Apr-2022
Utah	TX026932021-10	31-Jul-2021

Sample Receipt Checklist

Work Order ID: HS21060267
Client Name: Leaf Environmental

Date/Time Received: 04-Jun-2021 09:50
Received by: Jared R. Makan

Completed By: /S/ Pablo Martinez 04-Jun-2021 18:49
Reviewed by: /S/ Dane J. Wacasey 10-Jun-2021 07:59

Matrices: SOIL

Carrier name: FedEx Priority Overnight

- Shipping container/cooler in good condition? Yes [checked] No [] Not Present []
Custody seals intact on shipping container/cooler? Yes [checked] No [] Not Present []
Custody seals intact on sample bottles? Yes [] No [] Not Present [checked]
VOA/TX1005/TX1006 Solids in hermetically sealed vials? Yes [] No [] Not Present [checked]
Chain of custody present? Yes [checked] No []
Chain of custody signed when relinquished and received? Yes [checked] No []
Samplers name present on COC? Yes [checked] No []
Chain of custody agrees with sample labels? Yes [checked] No []
Samples in proper container/bottle? Yes [checked] No []
Sample containers intact? Yes [checked] No []
Sufficient sample volume for indicated test? Yes [checked] No []
All samples received within holding time? Yes [checked] No []
Container/Temp Blank temperature in compliance? Yes [checked] No []

Temperature(s)/Thermometer(s): 1.2°C UC/C IR 31
Cooler(s)/Kit(s): 47450
Date/Time sample(s) sent to storage: 6/4/21 19:00
Water - VOA vials have zero headspace? Yes [] No [] No VOA vials submitted [checked]
Water - pH acceptable upon receipt? Yes [] No [] N/A [checked]
pH adjusted? Yes [] No [] N/A [checked]
pH adjusted by: []

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments: []

Corrective Action: []



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Fort Collins, CO
+1 970 490 1511

Holland, MI
+1 616 399 6070

Chain of Custody Form

Page of

COC ID: 246873

HS21060267

Leaf Environmental, LLC
Opelousas LA TBA - IDW

WV



ALS Project Manager:

Customer Information		Project Information	
Purchase Order		Project Name	Opelousas LA TBA - IDW
Work Order		Project Number	
Company Name	Leaf Environmental, LLC	Bill To Company	Leaf Environmental, LLC
Send Report To	Michael Stevens	Invoice Attn	Michael Stevens
Address	2301 Whitney Ave	Address	2301 Whitney Ave
City/State/Zip	Gretna, LA 70056	City/State/Zip	Gretna LA 70056
Phone	(504) 342-2687	Phone	(504) 342-2687
Fax		Fax	
e-Mail Address	mstevens@eaaf.com	e-Mail Address	mstevens@leaf.com

A	1311_VOC (IDWS: VOC)
B	1311_SV (IDWS: TCLP SVCC)
C	1311_METALS_HS (IDWS: TCLP RCRA 8 Meta(S))
D	RCI
E	
F	
G	
H	
I	
J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	IDW-S	6/3/21	1430	Soil	B	3	X	X	X	X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:	
Relinquished by: <i>[Signature]</i>		Date: 6/3/21	Time: 1:50	Received by:		Notes: Leaf Opelousas LA			
Relinquished by:		Date: 6/4/21	Time: 09:50	Received by (Laboratory): J. Winkler		Cooler ID: 47450		Cooler Temp: 1-2°C	
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):		QC Package: (Check One Box Below)			
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035									

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

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FedEx
TRK# 9473 0844 1415
EPN#

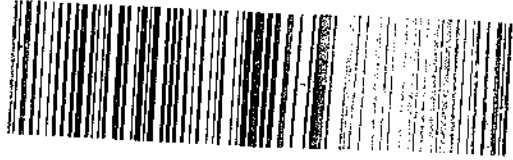
FRI - 04 JUN 10:30
PRIORITY OVERNIGHT
FedEx
TRK# 9473 0844 1390

FRI - 04 JUN 10:30A
PRIORITY OVERNIGHT


XH SGRA 23

7709
TX--US IAH

XH SGRA 47450 77099
TX--US IAH



550327 06/03 56033/9987/FE40

 <p>ALS 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887</p>	CUSTODY SEAL		Seal Broken By:
	Date: 6/4/10	Time:	PH
	Name:		6821
	Company:		

APPENDIX C

ASBESTOS DATA

Field Notes

Asbestos Photographs

ACM Location Map

Laboratory Analytical Reports



ASBESTOS BULK SAMPLE SUMMARY SHEET

Leaaf #: LTBA-006

Project Name: New Life Center Phase II

Project Location: 411 East Landry St., Opelousas, LA 70570

Sample Number	Material Description	Sample Location
LTBA-006-PLM-001	Sheetrock	1 st Fl. – Reception Area Wall
LTBA-006-PLM-002	Vinyl Floor Sheeting (brown marble)	1 st Fl. – Reception Area Floor
LTBA-006-PLM-003	Vinyl Baseboard (6")	1 st Fl. – Reception Area Wall
LTBA-006-PLM-004	2' x 4' White Ceiling Tile (w/ fissures/dots)	1 st Fl. – Reception Area Ceiling
LTBA-006-PLM-005	Sheetrock	1 st Fl. - Office Wall
LTBA-006-PLM-006	2' x 4' White Ceiling Tile (w/ fissures/dots)	1 st Fl. - Office Ceiling
LTBA-006-PLM-007	Carpet (multi-color)	1 st Fl. - Office Floor
LTBA-006-PLM-008	Door Caulk (white)	1 st Fl. – Office Closet Door
LTBA-006-PLM-009	12" x 12" Off-White Floor Tile (w/ gray specks)	1 st Fl. – Staff Office Floor
LTBA-006-PLM-010	Vinyl Baseboard (6")	1 st Fl. – Staff Office Wall
LTBA-006-PLM-011	Duct Tape (white/yellow)	1 st Fl. – Lobby HVAC Duct (above ceiling tile)
LTBA-006-PLM-012	Duct Tape (white/yellow)	1 st Fl. – Lobby HVAC Duct (above ceiling tile)
LTBA-006-PLM-013	Sheetrock	1 st Fl. – Dining Column
LTBA-006-PLM-014	Pipe Mastic (black)	1 st Fl. – Lobby (above ceiling tile)
LTBA-006-PLM-015	18" x 18" Tan Floor Tile	1 st Fl. – Lobby Floor (@ elevators)
LTBA-006-PLM-016	Vinyl Floor Sheeting (brown marble)	1 st Fl. – Lobby Floor
LTBA-006-PLM-017	Insulation	1 st Fl. – Lobby HVAC Closet Duct (FA-5, #1)
LTBA-006-PLM-018	Vibration Dampener (black)	1 st Fl. – Lobby HVAC Closet AC Unit (AC-4, #1)
LTBA-006-PLM-019	2' x 4' White Ceiling Tile (w/ smooth texture)	1 st Fl. – Kitchen Ceiling
LTBA-006-PLM-020	2' x 4' White Ceiling Tile (w/ smooth texture)	1 st Fl. – Kitchen Ceiling
LTBA-006-PLM-021	Vibration Dampener (black)	1 st Fl. – Mechanical Rm. AHU (kitchen @ coolers)
LTBA-006-PLM-022	Door Caulk (white)	1 st Fl. – Staff Office Door
LTBA-006-PLM-023	Duct Tape (silver)	1 st Fl. – Mechanical Rm. AHU (kitchen @ coolers)
LTBA-006-PLM-024	Duct Tape (silver)	1 st Fl. – Mechanical Rm. AHU (kitchen @ coolers)
LTBA-006-PLM-025	Roofing Material (black)	Exterior – Roof (above kitchen)

Environmental Professional: Suzanne Sicotte

Date: 6/2/2021



ASBESTOS BULK SAMPLE SUMMARY SHEET

Leaaf #: LTBA-006

Project Name: New Life Center Phase II

Project Location: 411 East Landry St., Opelousas, LA 70570

Sample Number	Material Description	Sample Location
LTBA-006-PLM-026	Roofing Material (black/silver)	Exterior – Roof (above kitchen)
LTBA-006-PLM-027	Window Glazing (brown)	1 st Fl. – Kitchen Office Window
LTBA-006-PLM-028	12" x 12" Blue Floor Tile (speckled)	1 st Fl. – Activity Rm. Floor
LTBA-006-PLM-029	12" x 12" Red Floor Tile (speckled)	1 st Fl. – Activity Rm. Floor
LTBA-006-PLM-030	12" x 12" Green Floor Tile (speckled)	1 st Fl. – Activity Rm. Floor
LTBA-006-PLM-031	12" x 12" Yellow Floor Tile (speckled)	1 st Fl. – Activity Rm. Floor
LTBA-006-PLM-032	12" x 12" Blue/Gray Floor Tile (multi-color speckled)	1 st Fl. – Activity Rm. Floor
LTBA-006-PLM-033	12" x 12" Blue/Gray Floor Tile (multi-color speckled)	1 st Fl. – Classroom Floor
LTBA-006-PLM-034	12" x 12" Blue Floor Tile (speckled)	1 st Fl. – Classroom Floor
LTBA-006-PLM-035	12" x 12" Red Floor Tile (speckled)	1 st Fl. – Classroom Floor
LTBA-006-PLM-036	12" x 12" Green Floor Tile (speckled)	1 st Fl. – Classroom Floor
LTBA-006-PLM-037	12" x 12" Yellow Floor Tile (speckled)	1 st Fl. – Classroom Floor
LTBA-006-PLM-038	12" x 12" Off-White Floor Tile (w/ gray specks)	1 st Fl. – Staff Office Floor
LTBA-006-PLM-039	Insulation (silver / yellow)	Exterior – Basement Ceiling Light Fixture Backing
LTBA-006-PLM-040	Insulation (silver / yellow)	Exterior – Basement Ceiling Light Fixture Backing
LTBA-006-PLM-041	Caulking (white)	Basement – Elevator Control Rm. Wall
LTBA-006-PLM-042	Caulking (white)	Basement – Elevator Control Rm. Wall
LTBA-006-PLM-043	Ceiling Texture	Basement – Classroom Ceiling
LTBA-006-PLM-044	Ceiling Texture	Basement – Classroom Ceiling
LTBA-006-PLM-045	12" x 12" Pink Floor Tile	2 nd Fl. – Hall Floor
LTBA-006-PLM-046	12" x 12" Light Gray Floor Tile	2 nd Fl. – Hall Floor
LTBA-006-PLM-047	12" x 12" Dark Gray Floor Tile	2 nd Fl. – Hall Floor
LTBA-006-PLM-048	12" x 12" Pink Floor Tile	2 nd Fl. – Hall Floor
LTBA-006-PLM-049	12" x 12" Light Gray Floor Tile	2 nd Fl. – Hall Floor
LTBA-006-PLM-050	12" x 12" Dark Gray Floor Tile	2 nd Fl. – Hall Floor

Environmental Professional: Suzanne Sicotte

Date: 6/2/2021



ASBESTOS BULK SAMPLE SUMMARY SHEET

Leaaf #: LTBA-006

Project Name: New Life Center Phase II

Project Location: 411 East Landry St., Opelousas, LA 70570

Sample Number	Material Description	Sample Location
LTBA-006-PLM-051	Ceiling Texture	2 nd Fl. – 212 Ceiling
LTBA-006-PLM-052	Ceiling Texture	2 nd Fl. – 220 Ceiling
LTBA-006-PLM-053	Sheetrock	2 nd Fl. – Hall Wall (@ 221/stairs)
LTBA-006-PLM-054	Ceiling Texture	3 rd Fl. – 302 Ceiling
LTBA-006-PLM-055	Sheetrock	3 rd Fl. - Hall Wall (@ 312 above ceiling tile)
LTBA-006-PLM-056	Mastic Dot (brown)	3 rd Fl. – Hall Ceiling (@ 312 above ceiling tile)
LTBA-006-PLM-057	Ceiling Texture	3 rd Fl. – 313 Ceiling
LTBA-006-PLM-058	Ceiling Texture	4 th Fl. – 410 Ceiling
LTBA-006-PLM-059	Sheetrock	4 th Fl. – 415 Wall
LTBA-006-PLM-060	Sheetrock	4 th Fl. – 413 Wall
LTBA-006-PLM-061	Mastic Dot (brown)	4 th Fl. – Hall Ceiling (@ 410 above ceiling tile)
LTBA-006-PLM-062	Carpet (multi-color)	1 st Fl. - Office Floor
LTBA-006-PLM-063	Pipe Mastic (black)	1 st Fl. – Lobby (above ceiling tile)
LTBA-006-PLM-064	18" x 18" Tan Floor Tile	1 st Fl. – Lobby Floor (@ elevators)
LTBA-006-PLM-065	Insulation	1 st Fl. – Lobby HVAC Closet Duct (FA-5, #1)
LTBA-006-PLM-066	Plaster	Exterior – Side Entrance Ceiling Overhang
LTBA-006-PLM-067	Plaster	Exterior – Side Entrance Ceiling Overhang
LTBA-006-PLM-068	Plaster	Exterior – Side Entrance Ceiling Overhang
LTBA-006-PLM-069	Surfacing Material	Exterior – 2 nd Fl. Wall
LTBA-006-PLM-070	Surfacing Material	Exterior – 1 st Fl. Wall
LTBA-006-PLM-071	Surfacing Material	Exterior – 2 nd Fl. Wall
LTBA-006-PLM-072	Surfacing Material	Exterior – 2 nd Fl. Wall
LTBA-006-PLM-073	Surfacing Material	Exterior – 2 nd Fl. Wall
LTBA-006-PLM-074	Roofing Material (black)	Exterior – Roof (above side entrance)
LTBA-006-PLM-075	Window Caulk (black)	Exterior – 2 nd Fl. Window

Environmental Professional: Suzanne Sicotte

Date: 6/2/2021



ASBESTOS BULK SAMPLE SUMMARY SHEET

Leaaf #: LTBA-006

Project Name: New Life Center Phase II

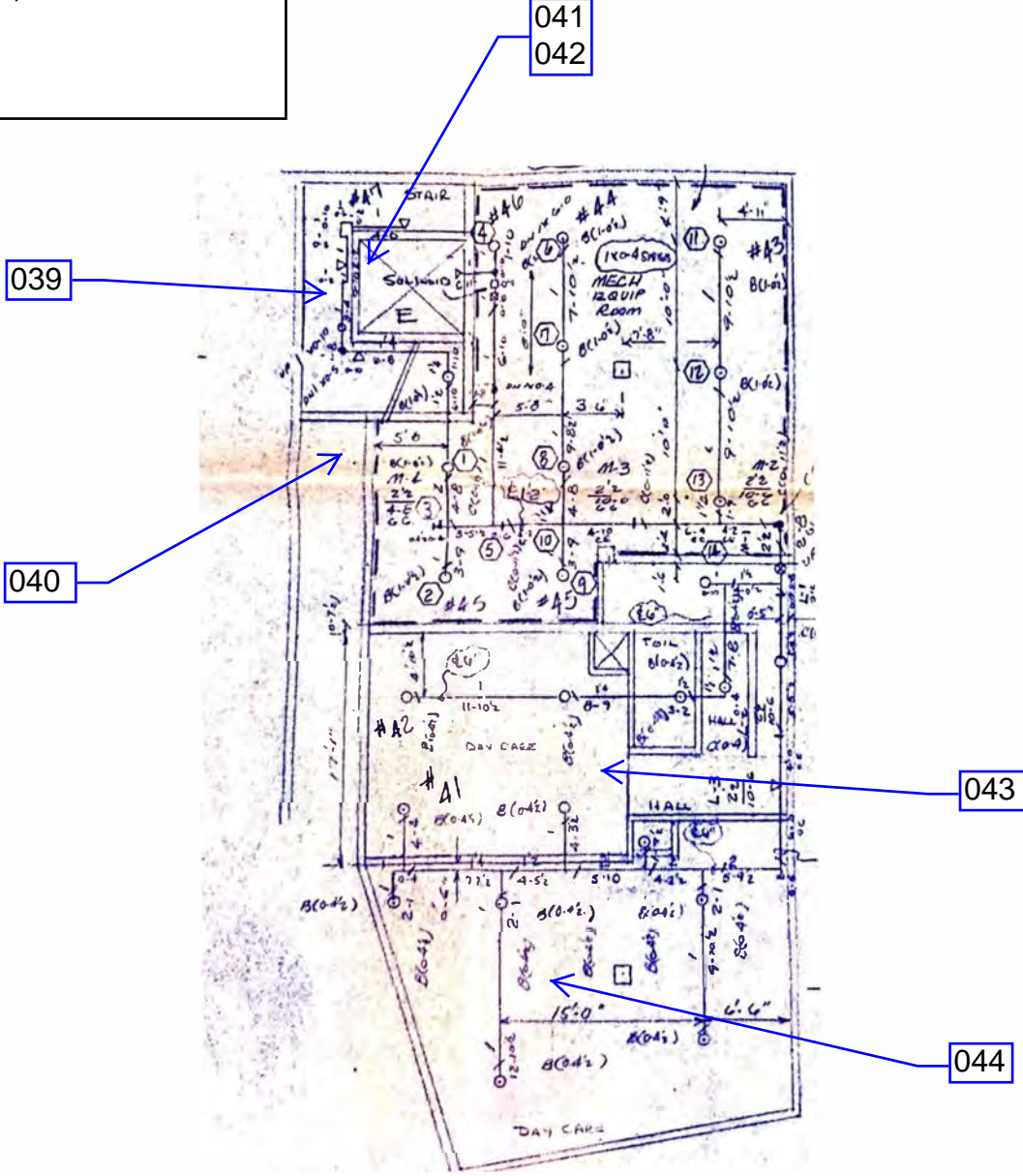
Project Location: 411 East Landry St., Opelousas, LA 70570

Sample Number	Material Description	Sample Location
LTBA-006-PLM-076	Caulk (black)	Exterior – 2 nd Fl. Window
LTBA-006-PLM-077	Caulk (white/gray)	Exterior – Mechanical Rm. Door
LTBA-006-PLM-078	Caulk (white/gray)	Exterior – Side Entrance Door
LTBA-006-PLM-079	Caulk (white)	Exterior – Wall @ Flashing / Brick
LTBA-006-PLM-080	Caulk (white)	Exterior – Wall @ Flashing / Brick
LTBA-006-PLM-081	Roofing Material (black/tan)	Exterior – 4 th Fl. Main Roof
LTBA-006-PLM-082	Roofing Material (black)	Exterior – 4 th Fl. Main Roof
LTBA-006-PLM-083	Window Glazing	1 st Fl. -Activity Rm.
LTBA-006-PLM-084	Tape (black)	2 nd Fl. – Central Stairwell Electrical Panel
LTBA-006-PLM-085	Tape (black)	2 nd Fl. – Central Stairwell Electrical Panel

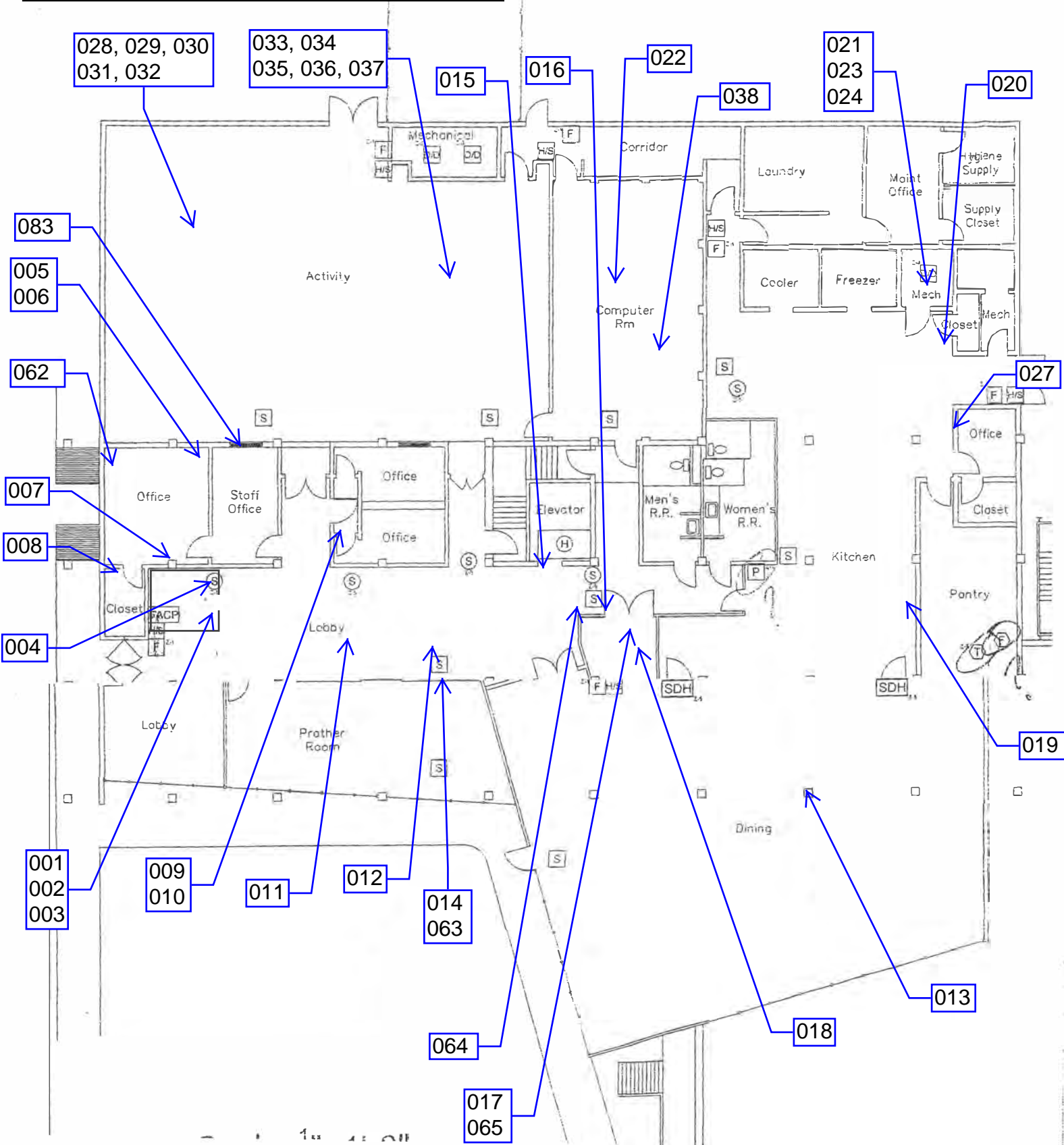
Environmental Professional: Suzanne Sicotte

Date: 6/3/2021

Asbestos Survey Bulk Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
Basement
6/2/2021



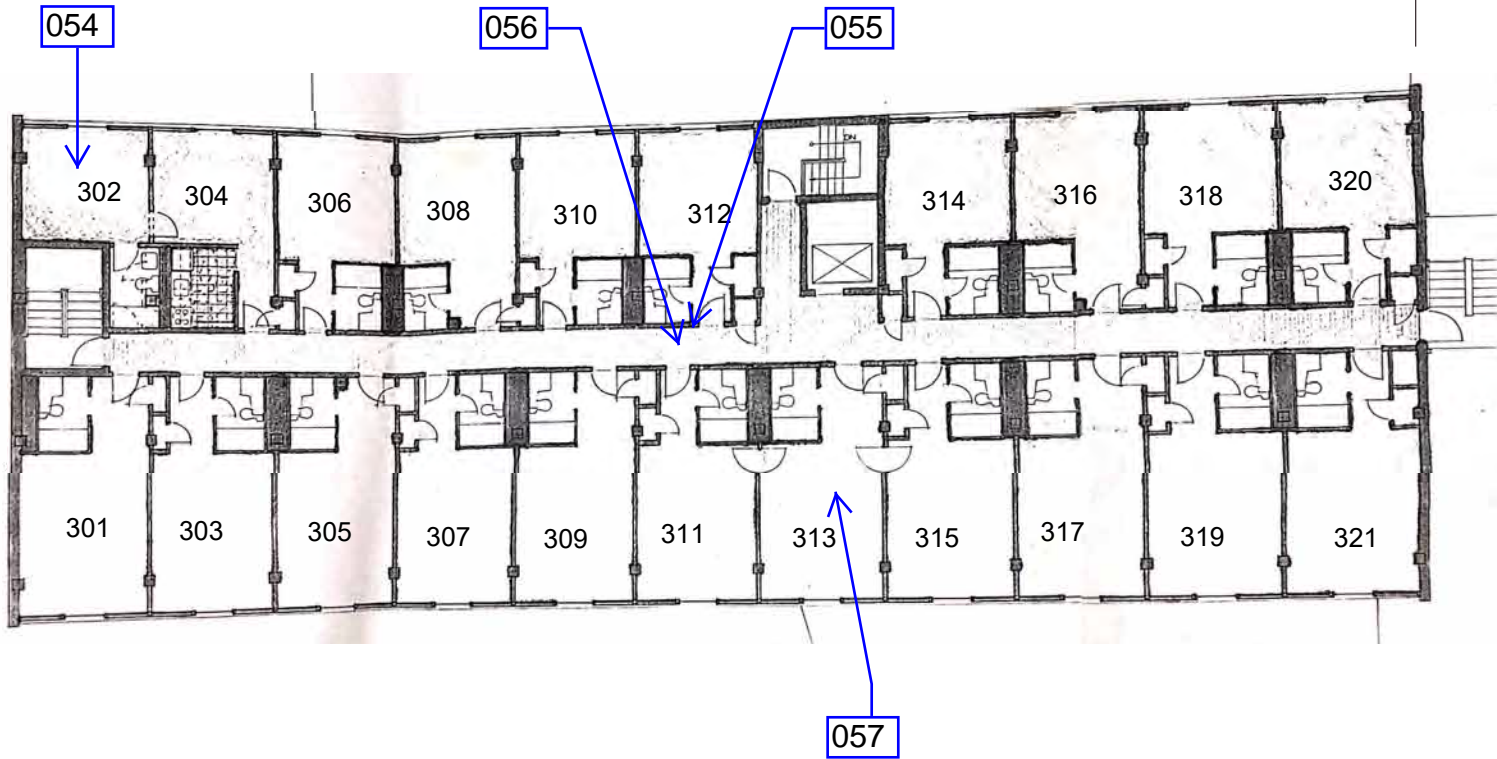
Asbestos Survey Bulk Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
1st Floor
6/2/2021



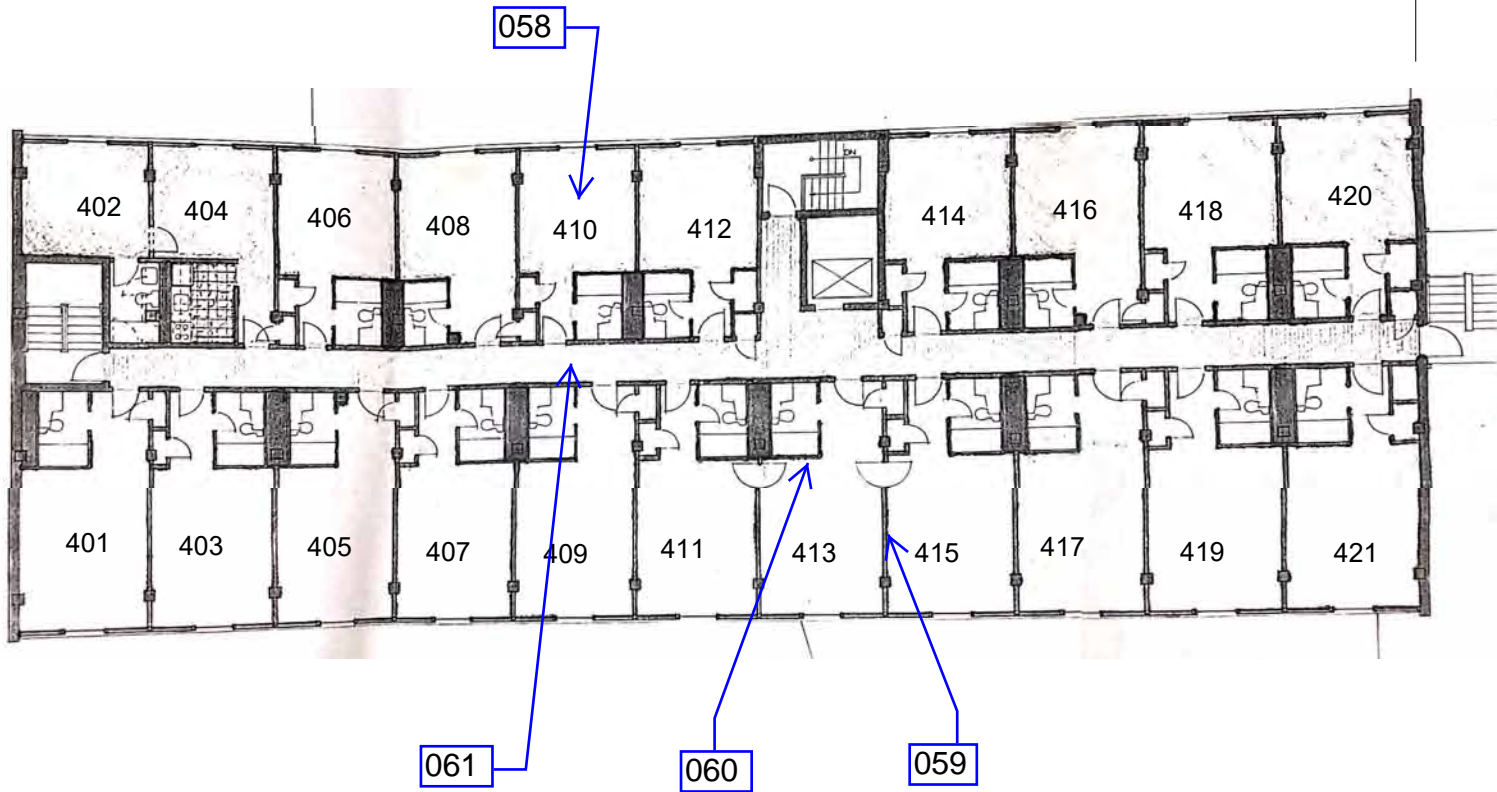
Asbestos Survey Bulk Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
2nd Floor
6/2/2021



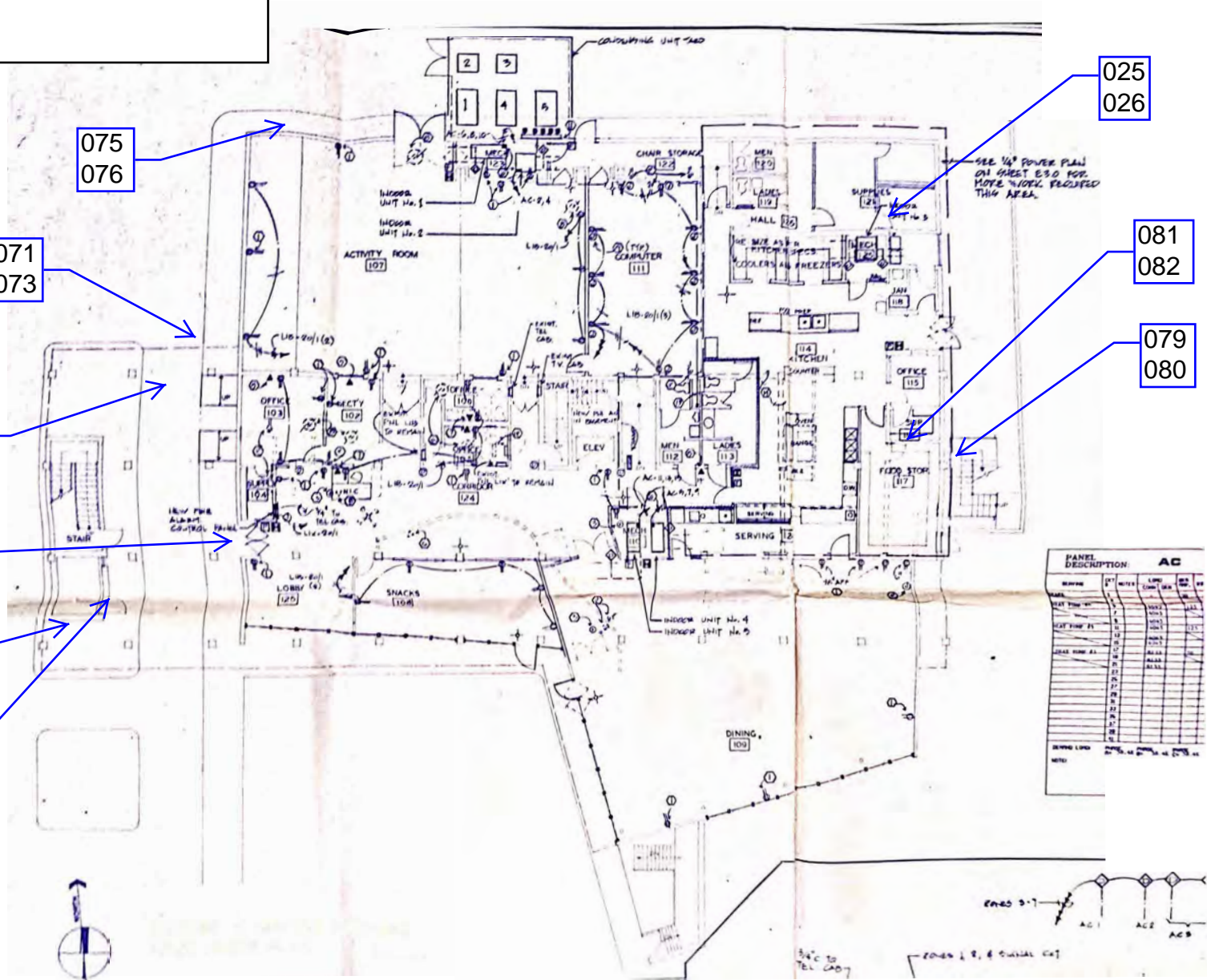
Asbestos Survey Bulk Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
3rd Floor
6/2/2021



Asbestos Survey Bulk Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
4th Floor
6/2/2021



Asbestos Survey Bulk Sampling Location Map
 New Life Center - Phase II
 411 E. Landry St., Opelousas, LA
 Exterior
 6/2/2021



069, 071
072, 073

066, 067
068, 074

078

070

077

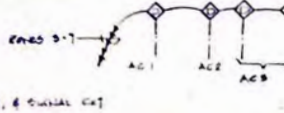
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PANEL DESCRIPTION		AC	
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STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Suzanne N Sicotte

**Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of**

Asbestos Inspector

Accreditation No. J1204226

AI No. 204226

Date of Issuance May 8, 2020

Expiration June 10, 2021

**Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.**



**Permit Support Services Division
Office of Environmental Services**

Photographs of Confirmed Asbestos Containing Materials (ACM)
New Life Center
Opelousas, LA



LTBA-006-PLM-014
Pipe Mastic (black) above drop ceiling in Lobby.



LTBA-006-PLM-051
Ceiling Texture (off-white) in Room 212.

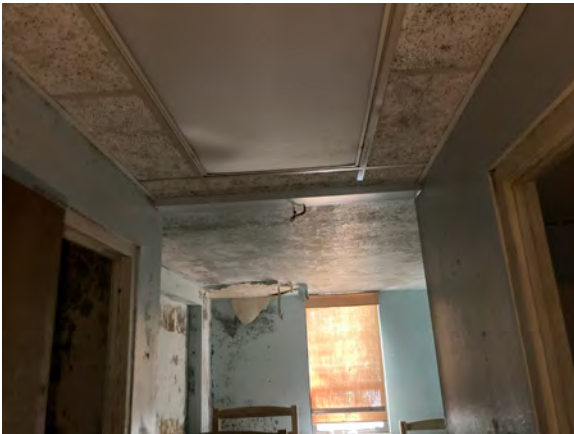


Photo of ACM Ceiling Texture (off-white) on 2nd Fl.



Photo of ACM Ceiling Texture (off-white) on 3rd Fl.



Photo of ACM Ceiling Texture (off-white) on 3rd Fl.



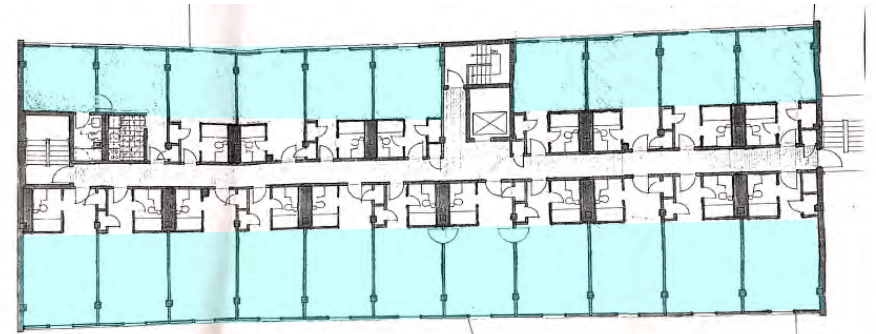
Photo of ACM Ceiling Texture (off-white) on 3rd Fl.

Asbestos Containing Material (ACM)

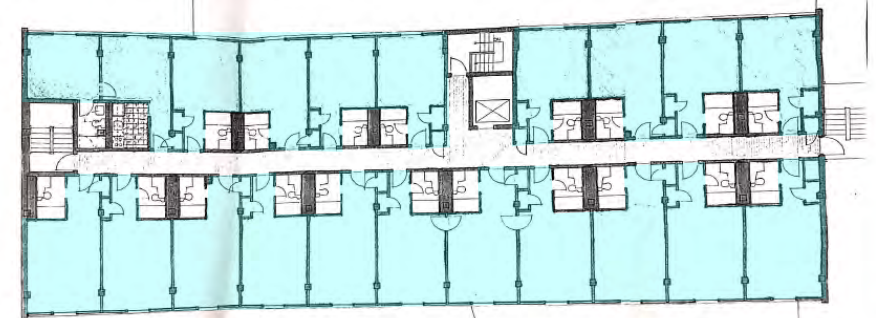
- Ceiling Texture Approximately: ~ 10,000 SF total
- Pipe Mastic (black): ~ 50 LF total



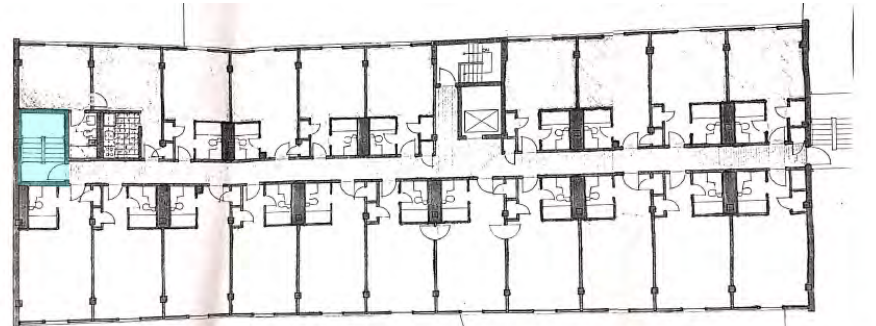
1st Floor



2nd Floor



3rd Floor



4th Floor

Report for:

Ms. Madeline Dickson, Suzanne Sicotte
Leaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Regarding: Project: LTBA-006; New Life Center Phase II
EML ID: 2656564

Approved by:



Approved Signatory
Balu Krishnan

Dates of Analysis:
Asbestos PLM: 06-07-2021

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200738-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson, Suzanne Sicotte
Re: LTBA-006; New Life Center Phase IIDate of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-07-2021**ASBESTOS PLM REPORT****Total Samples Submitted:** 85**Total Samples Analyzed:** 85**Total Samples with Layer Asbestos Content > 1%:** 8**Location: LTBA-006-PLM-001, Sheetrock**

Lab ID-Version‡: 12693937-1

Sample Layers	Asbestos Content
Off-White Drywall	ND
Composite Non-Asbestos Content:	20% Cellulose 1% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-002, Vinyl Floor Sheeting (Brown Marble)

Lab ID-Version‡: 12693938-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose 1% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-003, Vinyl Baseboard (6")

Lab ID-Version‡: 12693939-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-004, 2'x4' Ceiling Tile (White Fissures)

Lab ID-Version‡: 12693940-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	30% Cellulose 10% Mineral Wool
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
C/O: Ms. Madeline Dickson, Suzanne Sicotte
Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-07-2021

ASBESTOS PLM REPORT

Location: LTBA-006-PLM-005, Sheetrock

Lab ID-Version‡: 12693941-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-07-2021

ASBESTOS PLM REPORT**Location: LTBA-006-PLM-006, 2'x4' Ceiling Tile (White Fissures)**

Lab ID-Version‡: 12693942-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	30% Cellulose 10% Mineral Wool
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-007, Carpet (Multi-color)

Lab ID-Version‡: 12693943-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Composite Non-Asbestos Content:	40% Synthetic Fibers 5% Polyethylene 3% Nylon
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-008, Caulk (White)

Lab ID-Version‡: 12693944-1

Sample Layers	Asbestos Content
White Caulk	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-009, 12"x12" Floor Tile (Off-White w/ Gray Specks)

Lab ID-Version‡: 12693945-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-07-2021

ASBESTOS PLM REPORT**Location: LTBA-006-PLM-010, Vinyl Baseboard (6")**

Lab ID-Version‡: 12693946-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-011, Tape (White/Yellow)

Lab ID-Version‡: 12693947-1

Sample Layers	Asbestos Content
White Tape	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	70% Cotton
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-012, Tape (White/Yellow)

Lab ID-Version‡: 12693948-1

Sample Layers	Asbestos Content
White Tape	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	70% Cotton
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-013, Sheetrock

Lab ID-Version‡: 12693949-1

Sample Layers	Asbestos Content
White Drywall	ND
White Joint Compound	2% Chrysotile
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Good

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-07-2021

ASBESTOS PLM REPORT**Location: LTBA-006-PLM-014, Pipe Mastic (Black)**

Lab ID-Version‡: 12693950-1

Sample Layers	Asbestos Content
Black Mastic	10% Chrysotile
Composite Non-Asbestos Content:	15% Mineral Wool
Sample Composite Homogeneity:	Moderate

Location: LTBA-006-PLM-015, 18"x18" Floor Tile (Tan)

Lab ID-Version‡: 12693951-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Transparent Glue	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-016, Vinyl Floor Sheeting (Brown Marble)

Lab ID-Version‡: 12693952-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	20% Cellulose 1% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-017, Insulation

Lab ID-Version‡: 12693953-1

Sample Layers	Asbestos Content
Brown/Black Insulation	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson, Suzanne Sicotte
Re: LTBA-006; New Life Center Phase IIDate of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-07-2021**ASBESTOS PLM REPORT****Location: LTBA-006-PLM-018, Vibration Dampener (Black)**

Lab ID-Version‡: 12693954-1

Sample Layers	Asbestos Content
Black Non-Fibrous Material (Dampener)	ND
Composite Non-Asbestos Content:	5% Nylon
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-019, 2'x4' Ceiling Tile (White, Smooth)

Lab ID-Version‡: 12693955-1

Sample Layers	Asbestos Content
Off-White Drywall with Brown Paper	ND
White Coating	ND
Composite Non-Asbestos Content:	30% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-020, 2'x4' Ceiling Tile (White, Smooth)

Lab ID-Version‡: 12693956-1

Sample Layers	Asbestos Content
Off-White Drywall with Brown Paper	ND
White Coating	ND
Composite Non-Asbestos Content:	30% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-021, Vibration Dampener (Black)

Lab ID-Version‡: 12693957-1

Sample Layers	Asbestos Content
Black Non-Fibrous Material (Dampener)	ND
Composite Non-Asbestos Content:	5% Nylon
Sample Composite Homogeneity:	Good

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson, Suzanne Sicotte
Re: LTBA-006; New Life Center Phase IIDate of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-07-2021**ASBESTOS PLM REPORT****Location: LTBA-006-PLM-022, Caulk (White)**

Lab ID-Version‡: 12693958-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-023, Tape (Silver)

Lab ID-Version‡: 12693959-1

Sample Layers	Asbestos Content
Silver Tape	ND
Gray Mastic	ND
Composite Non-Asbestos Content:	5% Glass Fibers 1% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-024, Tape (Silver)

Lab ID-Version‡: 12693960-1

Sample Layers	Asbestos Content
Silver Tape	ND
Gray Mastic	ND
Composite Non-Asbestos Content:	5% Glass Fibers 1% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-025, Roofing Material

Lab ID-Version‡: 12693961-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Tar	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Good

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Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-07-2021

ASBESTOS PLM REPORT**Location: LTBA-006-PLM-026, Roofing Material (Black/Silver)**

Lab ID-Version‡: 12693962-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Black Tar	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-027, Window Glazing (Brown)

Lab ID-Version‡: 12693963-1

Sample Layers	Asbestos Content
Brown/White Window Glazing	2% Chrysotile
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-028, 12"x12" Floor Tile (Blue Speckled)

Lab ID-Version‡: 12693964-1

Sample Layers	Asbestos Content
Blue Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-029, 12"x12" Floor Tile (Red Speckled)

Lab ID-Version‡: 12693965-1

Sample Layers	Asbestos Content
Red Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-030, 12"x12" Floor Tile (Green Speckled)**

Lab ID-Version‡: 12693966-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-031, 12"x12" Floor Tile (Yellow Speckled)

Lab ID-Version‡: 12693967-1

Sample Layers	Asbestos Content
Yellow Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-032, 12"x12" Floor Tile (Blue/Gray Colored Specks)

Lab ID-Version‡: 12693968-1

Sample Layers	Asbestos Content
Blue Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-033, 12"x12" Floor Tile (Blue/Gray Colored Specks)

Lab ID-Version‡: 12693969-1

Sample Layers	Asbestos Content
Blue Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-034, 12"x12" Floor Tile (Blue Speckled)**

Lab ID-Version‡: 12693970-1

Sample Layers	Asbestos Content
Blue Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-035, 12"x12" Floor Tile (Red Speckled)

Lab ID-Version‡: 12693971-1

Sample Layers	Asbestos Content
Red Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-036, 12"x12" Floor Tile (Green Speckled)

Lab ID-Version‡: 12693972-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-037, 12"x12" Floor Tile (Yellow Speckled)

Lab ID-Version‡: 12693973-1

Sample Layers	Asbestos Content
Yellow Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-038, 12"x12" Floor Tile (Off-White w/ Gray Specks)**

Lab ID-Version‡: 12693974-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-039, Light Backing

Lab ID-Version‡: 12693975-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	80% Mineral Wool
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-040, Light Backing

Lab ID-Version‡: 12693976-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	80% Mineral Wool
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-041, Caulking (White)

Lab ID-Version‡: 12693977-1

Sample Layers	Asbestos Content
White Caulk	ND
Off-White Plaster	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Good

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Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
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 Date of Report: 06-07-2021

ASBESTOS PLM REPORT**Location: LTBA-006-PLM-042, Caulking (White)**

Lab ID-Version‡: 12693978-1

Sample Layers	Asbestos Content
White Caulk	ND
Off-White Plaster	ND
Composite Non-Asbestos Content:	1% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-043, Ceiling Texture

Lab ID-Version‡: 12693979-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-044, Ceiling Texture

Lab ID-Version‡: 12693980-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-045, 12"x12" Floor Tile (Pink)

Lab ID-Version‡: 12693981-1

Sample Layers	Asbestos Content
Pink Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

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Client: Leaa Environmental, LLC
C/O: Ms. Madeline Dickson, Suzanne Sicotte
Re: LTBA-006; New Life Center Phase IIDate of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-07-2021**ASBESTOS PLM REPORT****Location: LTBA-006-PLM-046, 12"x12" Floor Tile (Light Gray)**

Lab ID-Version‡: 12693982-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-047, 12"x12" Floor Tile (Dark Gray)

Lab ID-Version‡: 12693983-1

Sample Layers	Asbestos Content
Dark Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-048, 12"x12" Floor Tile (Pink)

Lab ID-Version‡: 12693984-1

Sample Layers	Asbestos Content
Pink Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-049, 12"x12" Floor Tile (Light Gray)

Lab ID-Version‡: 12693985-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-050, 12"x12" Floor Tile (Dark Gray)**

Lab ID-Version‡: 12693986-1

Sample Layers	Asbestos Content
Dark Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-051, Ceiling Texture

Lab ID-Version‡: 12693987-1

Sample Layers	Asbestos Content
Off-White Ceiling Texture with Paint	2% Chrysotile
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-052, Ceiling Texture

Lab ID-Version‡: 12693988-1

Sample Layers	Asbestos Content
Off-White Ceiling Texture with Paint	2% Chrysotile
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-053, Sheetrock

Lab ID-Version‡: 12693989-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-054, Ceiling Texture**

Lab ID-Version‡: 12693990-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-055, Sheetrock

Lab ID-Version‡: 12693991-1

Sample Layers	Asbestos Content
Light Brown Plaster with Paint	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-056, Mastic Dot (Brown)

Lab ID-Version‡: 12693992-1

Sample Layers	Asbestos Content
Dark Brown Mastic	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-057, Ceiling Texture

Lab ID-Version‡: 12693993-1

Sample Layers	Asbestos Content
Off-White Ceiling Texture	2% Chrysotile
Sample Composite Homogeneity: Good	

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 Re: LTBA-006; New Life Center Phase II

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-058, Ceiling Texture**

Lab ID-Version‡: 12693994-1

Sample Layers	Asbestos Content
Off-White Ceiling Texture	2% Chrysotile
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-059, Sheetrock

Lab ID-Version‡: 12693995-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper with Paint	ND
Composite Non-Asbestos Content:	40% Cellulose 1% Glass Fibers
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-060, Sheetrock

Lab ID-Version‡: 12693996-1

Sample Layers	Asbestos Content
Light Brown Plaster with Paint	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-061, Mastic Dot (Brown)

Lab ID-Version‡: 12693997-1

Sample Layers	Asbestos Content
Dark Brown Mastic	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity: Good	

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-062, Carpet**

Lab ID-Version‡: 12693998-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	40% Synthetic Fibers 10% Polyethylene 3% Nylon
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-063, Pipe Mastic (Black)

Lab ID-Version‡: 12693999-1

Sample Layers	Asbestos Content
Black Mastic	10% Chrysotile
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-064, 18"x18" Floor Tile (Tan)

Lab ID-Version‡: 12694000-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Transparent Mastic	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-065, Insulation

Lab ID-Version‡: 12694001-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-066, Plaster**

Lab ID-Version‡: 12694002-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
White Plaster	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-067, Plaster

Lab ID-Version‡: 12694003-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-068, Plaster

Lab ID-Version‡: 12694004-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-069, Surfacing Material

Lab ID-Version‡: 12694005-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Non-Fibrous Material (Styrofoam)	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT**Location: LTBA-006-PLM-070, Surfacing Material**

Lab ID-Version‡: 12694006-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Non-Fibrous Material (Styrofoam)	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-071, Surfacing Material

Lab ID-Version‡: 12694007-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Non-Fibrous Material (Styrofoam)	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-072, Surfacing Material

Lab ID-Version‡: 12694008-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Non-Fibrous Material (Styrofoam)	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-073, Surfacing Material

Lab ID-Version‡: 12694009-1

Sample Layers	Asbestos Content
Gray Stucco	ND
White Non-Fibrous Material (Styrofoam)	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

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 Date of Report: 06-07-2021

ASBESTOS PLM REPORT

Location: LTBA-006-PLM-074, Roofing Material

Lab ID-Version‡: 12694010-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Composite Non-Asbestos Content:	15% Synthetic Fibers 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-075, Caulk (Black)

Lab ID-Version‡: 12694011-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-076, Caulk (Black)

Lab ID-Version‡: 12694012-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-077, Caulk (White/Grey)

Lab ID-Version‡: 12694013-1

Sample Layers	Asbestos Content
Gray/White Caulk	ND
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-07-2021

ASBESTOS PLM REPORT**Location: LTBA-006-PLM-078, Caulk (White/Grey)**

Lab ID-Version‡: 12694014-1

Sample Layers	Asbestos Content
White Caulk	ND
Gray Plaster	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-079, Caulk (White)

Lab ID-Version‡: 12694015-1

Sample Layers	Asbestos Content
Off-White Caulk	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-080, Caulk (White)

Lab ID-Version‡: 12694016-1

Sample Layers	Asbestos Content
Off-White Caulk	ND
Sample Composite Homogeneity: Good	

Location: LTBA-006-PLM-081, Roofing Material

Lab ID-Version‡: 12694017-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Yellow Insulation	ND
Composite Non-Asbestos Content:	10% Cellulose 10% Mineral Wool
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-07-2021

ASBESTOS PLM REPORT

Location: LTBA-006-PLM-082, Roofing Material

Lab ID-Version‡: 12694018-1

Sample Layers	Asbestos Content
Black Roofing Material	ND
Composite Non-Asbestos Content:	20% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-083, Window Glazing

Lab ID-Version‡: 12694019-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-084, Tape (Black)

Lab ID-Version‡: 12694020-1

Sample Layers	Asbestos Content
Black Tape	ND
Composite Non-Asbestos Content:	80% Cotton
Sample Composite Homogeneity:	Good

Location: LTBA-006-PLM-085, Tape (Black)

Lab ID-Version‡: 12694021-1

Sample Layers	Asbestos Content
Black Tape	ND
Composite Non-Asbestos Content:	80% Cotton
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Report for:

Ms. Madeline Dickson, Suzanne Sicotte
Leaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Regarding: Project: LTBA-006; New Life Center Phase II
EML ID: 2656564

Approved by:



Approved Signatory
Balu Krishnan

Dates of Analysis:

Asbestos-EPA 400 point count: 06-11-2021

Service SOPs: Asbestos-EPA 400 point count (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1262)
NVLAP Lab Code 200738-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-11-2021

ASBESTOS POINT COUNT REPORT

Location:	LTBA-006-PLM-027 Window Glazing (Brown)		
Total Points Counted:	400		
Lab ID-Version‡:	12697996-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Brown/White Window Glazing	Chrysotile	3	0.75
Layer Totals:		3	0.75

Location:	LTBA-006-PLM-051 Ceiling Texture		
Total Points Counted:	400		
Lab ID-Version‡:	12698000-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Ceiling Texture with Paint	Chrysotile	9	2.25
Layer Totals:		9	2.25

Location:	LTBA-006-PLM-052 Ceiling Texture		
Total Points Counted:	400		
Lab ID-Version‡:	12698001-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Ceiling Texture with Paint	Chrysotile	11	2.75
Layer Totals:		11	2.75

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.
 Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Leaa Environmental, LLC
 C/O: Ms. Madeline Dickson, Suzanne Sicotte
 Re: LTBA-006; New Life Center Phase II

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-11-2021

ASBESTOS POINT COUNT REPORT

Location:	LTBA-006-PLM-057 Ceiling Texture		
Total Points Counted:	400		
Lab ID-Version‡:	12698002-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Ceiling Texture	Chrysotile	12	3
Layer Totals:		12	3

Location:	LTBA-006-PLM-058 Ceiling Texture		
Total Points Counted:	400		
Lab ID-Version‡:	12698003-1		
Sample Layers	Asbestos Type	Asbestos Points Counted	Asbestos Concentration (%)
Off-White Ceiling Texture	Chrysotile	7	1.75
Layer Totals:		7	1.75

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002656564

Project Name	New Life Center Phase II	Project #	LTBA-006
Address	411 East Landry St., Opelousas, LA 70570		
Leaaf Contact	Madeline Dickson	Email	mdickson@leaaf.com ssicotte@leaaf.com
Sample By	Suzanne Sicotte	Sample Date	6-2-2021

Analysis	<input checked="" type="checkbox"/> PLM (EPA method 600/R-93-116)	<input type="checkbox"/> Point Count 400 (down to <0.25%)	
Turnaround	<input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Next Day (24 Hr)	<input type="checkbox"/> Standard (3-5 days)	<input type="checkbox"/> Holiday Weekend

Refer to Attached Data Sheet

Sample #	Description	Volume, Area or HA# (as Applicable)
LTBA-006-PLM-001	Sheetrock	1 st Fl - Reception Wall
LTBA-006-PLM-002	Vinyl Floor Sheeting (brown marble)	1 st Fl - Reception Floor
LTBA-006-PLM-003	Vinyl Baseboard (6")	1 st Fl - Reception
LTBA-006-PLM-004	2' x 4' Ceiling Tile (white textured)	1 st Fl - Reception Ceiling
LTBA-006-PLM-005	Sheetrock	1 st Fl - Office Wall
LTBA-006-PLM-006	2' x 4' Ceiling Tile (white textured)	1 st Fl - Office Ceiling
LTBA-006-PLM-007	Carpet (multi-color)	1 st Fl - Office Floor
LTBA-006-PLM-008	Caulk (white)	1 st Fl - Office Closet Door
LTBA-006-PLM-009	12" x 12" Floor Tile (off-white w/gray specks)	1 st Fl - Staff Office Floor
LTBA-006-PLM-010	Vinyl Baseboard (6")	1 st Fl - Staff Office
LTBA-006-PLM-011	Tape (white/yellow)	1 st Fl - Lobby HVAC Duct
LTBA-006-PLM-012	Tape (white/yellow)	1 st Fl - Lobby HVAC Duct
LTBA-006-PLM-013	Sheetrock	1 st Fl - Dining Column
LTBA-006-PLM-014	Pipe Mastic (black)	1 st Fl - Lobby (above ceiling tile)
LTBA-006-PLM-015	18" x 18" Floor Tile (tan)	1 st Fl - Lobby Floor (@ elevator)
LTBA-006-PLM-016	Vinyl Floor Sheeting (brown marble)	1 st Fl - Lobby Floor
LTBA-006-PLM-017	Insulation	1 st Fl - HVAC closet Duct (@ lobby)
LTBA-006-PLM-018	Vibration Damper (black)	1 st Fl - HVAC closet AC (@ lobby)
LTBA-006-PLM-019	2' x 4' Ceiling Tile (white, smooth)	1 st Fl - Kitchen Ceiling
LTBA-006-PLM-020	2' x 4' Ceiling Tile (white, smooth)	1 st Fl - Kitchen Ceiling
LTBA-006-PLM-021	Vibration Damper (black)	1 st Fl - Kitchen Mech. Rm AHU
LTBA-006-PLM-022	Caulk (white)	1 st Fl - Staff Office Door
LTBA-006-PLM-023	Tape (silver)	1 st Fl - Kitchen Mech. Rm AHU
LTBA-006-PLM-024	Tape (silver)	1 st Fl - Kitchen Mech. Rm AHU
LTBA-006-PLM-025	Roofing material	Exterior - Roof (above kitchen)

Receiving Laboratory	Address	Phone Number
EMLab P&K	6301 NW 5th Way, Suite 2850, Ft. Lauderdale, FL 33309	(887) 711-8400

Relinquished By	Date / Time	Received By	Date / Time
<i>Suzanne Sicotte</i> FedEx	6-3-21 @ 1730 See shipping docs	FedEx 816 054 211243 <i>SP</i>	6/16/21 10:45

Positive Stop on HA
 Additional Pages Attached
 Page 1 of 4





Project Name	New Life Center Phase II	Project #	LTBA-006
Address	411 East Landry St., Opelousas, LA 70570		
Leaaf Contact	Madeline Dickson	Email	mdickson@leaaf.com ssicotte@leaaf.com
Sample By	Suzanne Sicotte	Sample Date	6-2-2021

Analysis	<input checked="" type="checkbox"/> PLM (EPA method 600/R-93-116)	<input type="checkbox"/> Point Count 400 (down to <0.25%)
Turnaround	<input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Next Day (24 Hr)	<input type="checkbox"/> Standard (3-5 days) <input type="checkbox"/> Holiday Weekend

Refer to Attached Data Sheet

Sample #	Description	Volume, Area or HA# (as Applicable)
LTBA-006-PLM-026	Roofing Material (black/silver)	Exterior Roof (above kitchen)
LTBA-006-PLM-027	Window Glazing (brown)	1 st Fl - Kitchen Off Window Interior
LTBA-006-PLM-028	12" x 12" Floor Tile (blue speckled)	1 st Fl - Activity Rm. Floor
LTBA-006-PLM-029	12" x 12" Floor Tile (red speckled)	1 st Fl - Activity Rm. Floor
LTBA-006-PLM-030	12" x 12" Floor Tile (green speckled)	1 st Fl - Activity Rm. Floor
LTBA-006-PLM-031	12" x 12" Floor Tile (yellow speckled)	1 st Fl - Activity Rm. Floor
LTBA-006-PLM-032	12" x 12" Floor Tile (blue/gray & colored specks)	1 st Fl - Activity Rm. Floor
LTBA-006-PLM-033	12" x 12" Floor Tile (blue/gray & colored specks)	1 st Fl - Classroom Floor
LTBA-006-PLM-034	12" x 12" Floor Tile (blue speckled)	1 st Fl - Classroom Floor
LTBA-006-PLM-035	12" x 12" Floor Tile (red speckled)	1 st Fl - Classroom Floor
LTBA-006-PLM-036	12" x 12" Floor Tile (green speckled)	1 st Fl - Classroom Floor
LTBA-006-PLM-037	12" x 12" Floor Tile (yellow speckled)	1 st Fl - Classroom Floor
LTBA-006-PLM-038	12" x 12" Floor Tile (off white w/ gray specks)	1 st Fl - Staff Office Floor
LTBA-006-PLM-039	Light Backing	Exterior 1st Fl Ceiling Fixture (@ basement)
LTBA-006-PLM-040	Light Backing	Exterior 1st Fl - Ceiling Fixture (@ basement)
LTBA-006-PLM-041	CaULKing (white)	Basement - Elevator Control Rm Wall
LTBA-006-PLM-042	CaULKing (white)	Basement - Elevator Control Rm Wall
LTBA-006-PLM-043	Ceiling Texture	Basement - Classroom Ceiling
LTBA-006-PLM-044	Ceiling Texture	Basement - Classroom Ceiling
LTBA-006-PLM-045	12" x 12" Floor Tile (pink)	2 nd Fl - Hall Floor
LTBA-006-PLM-046	12" x 12" Floor Tile (light gray)	2 nd Fl - Hall Floor
LTBA-006-PLM-047	12" x 12" Floor Tile (dark gray)	2 nd Fl - Hall Floor
LTBA-006-PLM-048	12" x 12" Floor Tile (pink)	2 nd Fl - Hall Floor
LTBA-006-PLM-049	12" x 12" Floor Tile (light gray)	2 nd Fl - Hall Floor
LTBA-006-PLM-050	12" x 12" Floor Tile (dark gray)	2 nd Fl - Hall Floor

Receiving Laboratory	Address	Phone Number
EMLab P&K	6301 NW 5th Way, Suite 2850, Ft. Lauderdale, FL 33309	(887) 711-8400

Relinquished By	Date / Time	Received By	Date / Time
	6-3-21 @ 1730	FedEx 816 054 211243	6/1/21
Fedex	See shipping docs		10/1/21



002656564

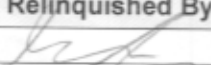
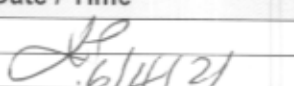
Project Name	New Life Center Phase II	Project #	LTBA-006
Address	411 East Landry St., Opelousas, LA 70570		
Leaaf Contact	Madeline Dickson	Email	mdickson@leaaf.com ssicotte@leaaf.com
Sample By	Suzanne Sicotte	Sample Date	6-2-2021

Analysis	<input checked="" type="checkbox"/> PLM (EPA method 600/R-93-116)	<input type="checkbox"/> Point Count 400 (down to <0.25%)
Turnaround	<input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Next Day (24 Hr)	<input type="checkbox"/> Standard (3-5 days) <input type="checkbox"/> Holiday Weekend

Refer to Attached Data Sheet

Sample #	Description	Volume, Area or HA# (as Applicable)
LTBA-006-PLM-051	Ceiling Texture	2nd Fl - 212 Ceiling
LTBA-006-PLM-052	Ceiling Texture	2nd Fl - 220 Ceiling
LTBA-006-PLM-053	Shetrock	2nd Fl - Hall Wall
LTBA-006-PLM-054	Ceiling Texture	3rd Fl - 302 Ceiling
LTBA-006-PLM-055	Shetrock	3rd Fl - Hall Wall
LTBA-006-PLM-056	Mastic Dot (brown)	3rd Fl - Hall Ceiling (above ceiling tile)
LTBA-006-PLM-057	Ceiling Texture	3rd Fl - 313 Ceiling
LTBA-006-PLM-058	Ceiling Texture	4th Fl - 410 Ceiling
LTBA-006-PLM-059	Shetrock	4th Fl - 415 Wall
LTBA-006-PLM-060	Mastic Dot (brown) Shetrock	4th Fl - Hall Ceiling (above ceiling tile) 413 wall
LTBA-006-PLM-061	mastic dot (brown)	4th Fl - Hall Ceiling
LTBA-006-PLM-062	Carpet	1st Fl - Office Floor
LTBA-006-PLM-063	Pipe Mastic (black)	1st Fl - Lobby Ceiling
LTBA-006-PLM-064	18" x 18" Floor Tile (tan)	1st Fl - Lobby Floor
LTBA-006-PLM-065	Insulation	1st Fl - HVAC Close Duct
LTBA-006-PLM-066	Plaster	Exterior - 1st Fl Entrance Wall Ceiling Overhang
LTBA-006-PLM-067	Plaster	Exterior - 1st Fl Entrance Wall Ceiling Overhang
LTBA-006-PLM-068	Plaster	Exterior - 1st Fl Entrance Wall Ceiling Overhang
LTBA-006-PLM-069	Surfacing Material	Exterior - 2nd Fl Wall
LTBA-006-PLM-070	Surfacing Material	Exterior - 1st Fl Wall
LTBA-006-PLM-071	Surfacing Material	Exterior - 2nd Fl Wall
LTBA-006-PLM-072	Surfacing Material	Exterior - 2nd Fl Wall
LTBA-006-PLM-073	Surfacing Material	Exterior - 2nd Fl Wall
LTBA-006-PLM-074	Roofing Material	Exterior - Roof (side Entrance)
LTBA-006-PLM-075	Caulk (black)	Exterior - 2nd Fl. window

Receiving Laboratory	Address	Phone Number
EMLab P&K	6301 NW 5th Way, Suite 2850, Ft. Lauderdale, FL 33309	(887) 711-8400

Relinquished By	Date / Time	Received By	Date / Time
	6-3-21 @ 1720	FedEx 816054211243	
Fedex	See shipping docs		6/14/21
			10445

Positive Stop on HA Additional Pages Attached Page 3 of 4



Asbestos Chain of Custody



002656564

Project Name	New Life Center Phase II	Project #	LTBA-006
Address	411 East Landry St., Opelousas, LA 70570		
Leaaf Contact	Madeline Dickson	Email	mdickson@leaaf.com ssicotte@leaaf.com
Sample By	Suzanne Sicotte	Sample Date	6-3-2021

Analysis	<input checked="" type="checkbox"/> PLM (EPA method 600/R-93-116)	<input type="checkbox"/> Point Count 400 (down to <0.25%)
Turnaround	<input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Next Day (24 Hr)	<input type="checkbox"/> Standard (3-5 days) <input type="checkbox"/> Holiday Weekend

Refer to Attached Data Sheet

Sample #	Description	Volume, Area or HA# (as Applicable)
LTBA-006-PLM-101 076	Caulk (black)	Exterior - 2nd Fl window
LTBA-006-PLM-102 077	Caulk (white/grey)	Exterior - Mech Rm. Door
LTBA-006-PLM-103 078	Caulk (white/grey)	Exterior - Side Entrance Door
LTBA-006-PLM-104 079	Caulk (white)	Exterior - Wall Flashing
LTBA-006-PLM-105 080	Caulk (white)	Exterior - Wall Flashing
LTBA-006-PLM-106 081	Roofing material	Exterior - Main Roof
LTBA-006-PLM-107 082	Roofing material	Exterior - Main Roof
LTBA-006-PLM-108 083	Window Glazing	1st Floor - Activity Rm.
LTBA-006-PLM-109 084	Tape (black)	2nd Floor - Stairwell Electrical Panel
LTBA-006-PLM-110 085	Tape (black)	2nd Floor - Stairwell Electrical Panel
LTBA-006-PLM-111		
LTBA-006-PLM-112		
LTBA-006-PLM-113		
LTBA-006-PLM-114		
LTBA-006-PLM-115		
LTBA-006-PLM-116		
LTBA-006-PLM-117		
LTBA-006-PLM-118		
LTBA-006-PLM-119		
LTBA-006-PLM-120		
LTBA-006-PLM-121		
LTBA-006-PLM-122		
LTBA-006-PLM-123		
LTBA-006-PLM-124		
LTBA-006-PLM-125		

Receiving Laboratory	Address	Phone Number
EMLab P&K	6301 NW 5th Way, Suite 2850, Ft. Lauderdale, FL 33309	(887) 711-8400

Relinquished By	Date / Time	Received By	Date / Time
	6-3-21 @ 1:20	FedEx 866 054 211243	6/4/21
FedEx	See shipping docs		10545

Positive Stop on HA Additional Pages Attached



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**Eurofins EMLab P&K
6301 NW Fifth Way Ste 1410
Fort Lauderdale, Florida 33309**

**Agency Interest No. 144892
Activity No. ACC20200001**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan
Administrator
Public Participation and Permit Support Services Division

Issued Date:

25 June 2020

Effective Date: **July 1, 2020**
Expiration Date: **June 30, 2021**
Certificate Number: **04153**



STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Effective Date: July 1, 2020

6301 NW Fifth Way Ste 1410, Fort Lauderdale, Florida 33309

Certificate Number: 04153

Eurofins EMLab P&K
AI Number: 144892
Activity No. ACC20200001
Expiration Date: June 30, 2021

Air Emissions

Analyte	Method Name	Method Code	Type	AB
100206 - Asbestos and Other Fibers	NIOSH 7400, Rev.3	90018001	AIHA	LA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
100095 - Asbestos in Bulk Insulation	40 CFR 763, Subpart E, Appendix E (Section 1.PLM)	2004	NVLAP	LA
100172 - Asbestos by Polarized Light Microscopy	EPA 600/R-93/116	10294583	NVLAP	LA

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
NONE	NONE	NONE	NONE	NONE

APPENDIX D

LEAD DATA

Field Notes
Lead Photographs
Lead Location Map

Leaaf Environmental
LTBA-006

Lead Based Paint Inspection
411 East Landry St.
Opelousas, LA 70570

Lead Inspector Gary Brooks
LDEQ # NI102434

Heuresis Corp.
Pb200i
XRF Lead Paint Analyzer
Serial # 1419
App Version Pb200i-4.1-11

Reading #	Concentration	Units	Result	Side	Component	Substrate	Color	Rooms	Room #	Level
1	1	mg/cm2	Positive	Cal	1.0					
2	1	mg/cm2	Positive	Cal	1.0					
3	1	mg/cm2	Positive	Cal	1.0					
4	-0.1	mg/cm2	Negative	A	Wall	Wood	White	Exterior		1
5	0	mg/cm2	Negative	A	Security Door	Metal	Black	Exterior		1
6	0.3	mg/cm2	Negative	A	Handrail	Metal	Black	Exterior		1
7	0	mg/cm2	Negative	A	Stair Ballister	Metal	Black	Exterior		1
8	0.1	mg/cm2	Negative	A	Post	Metal	Black	Exterior		1
9	0.2	mg/cm2	Negative	A	Ballister	Metal	Yellow	Exterior		1
10	0.3	mg/cm2	Negative	A	Wall	Concrete	White	Exterior		1
11	0.3	mg/cm2	Negative	A	Column	Concrete	Brown	Exterior		1
12	-0.2	mg/cm2	Negative	A	Wall	Cinderblock	White	Exterior		1
13	0.3	mg/cm2	Negative	A	Ceiling	Concrete	White	Exterior		1
14	-0.1	mg/cm2	Negative	B	Ceiling	Concrete	White	Exterior		1
15	-0.2	mg/cm2	Negative	B	Wall	Cinderblock	White	Exterior		1
16	0.2	mg/cm2	Negative	B	Door	Metal	Green	Exterior		1
17	0.8	mg/cm2	Negative	B	Door Frame	Metal	Green	Exterior		1
18	0.1	mg/cm2	Negative	B	Shutter	Metal	Green	Exterior		1
19	0.3	mg/cm2	Negative	B	Column	Concrete	Green	Exterior		1
20	1.5	mg/cm2	Positive	B	Curb	Concrete	Yellow	Exterior		1
21	0.2	mg/cm2	Negative	B	Floor	Concrete	Blue	Exterior		1
22	0.2	mg/cm2	Negative	B	Floor	Concrete	White	Exterior		1

Leaaf Environmental
LTBA-006

Lead Based Paint Inspection
411 East Landry St.
Opelousas, LA 70570

Lead Inspector Gary Brooks
LDEQ # NI102434

23	0.7 mg/cm2	Negative	B	Floor	Concrete	Yellow	Exterior	1
24	0.2 mg/cm2	Negative	B	Wall	Brick	Yellow	Exterior	1
25	0.5 mg/cm2	Negative	B	Beam	Metal	White	Exterior	1
26	-0.2 mg/cm2	Negative	C	Wall	Cinderblock	White	Exterior	1
27	-0.2 mg/cm2	Negative	C	Wall	Concrete	White	Exterior	1
28	-0.1 mg/cm2	Negative	C	Door	Metal	Green	Exterior	1
29	-0.3 mg/cm2	Negative	C	Door Frame	Metal	Green	Exterior	1
30	0.1 mg/cm2	Negative	C	Security Bars	Metal	Black	Exterior	1
31	0 mg/cm2	Negative	D	Wall	Cinderblock	White	Exterior	1
32	-0.2 mg/cm2	Negative	D	Wall	Concrete	White	Exterior	1
33	-0.1 mg/cm2	Negative	D	Shutter	Metal	Green	Exterior	1
34	-0.2 mg/cm2	Negative	D	Door	Metal	Green	Exterior	1
35	-0.3 mg/cm2	Negative	D	Door Frame	Metal	Green	Exterior	1
36	0.4 mg/cm2	Negative	D	Beam - I	Metal	Black	Exterior	1
37	-0.1 mg/cm2	Negative	D	Stair Handrail	Metal	Black	Exterior	1
38	0.1 mg/cm2	Negative	D	Stair Riser	Metal	Black	Exterior	1
39	-0.2 mg/cm2	Negative	D	Stair Tread	Metal	Black	Exterior	1
40	0 mg/cm2	Negative	D	Stair Ballister	Metal	Black	Exterior	1
41	0.4 mg/cm2	Negative	D	Column	Concrete	Green	Exterior	1
42	0 mg/cm2	Negative	D	Wall	Wood	White	Exterior	1
43	0.2 mg/cm2	Negative	A	Wall	Concrete	White	Exterior	Basement
44	-0.3 mg/cm2	Negative	A	Wall	Cinderblock	White	Exterior	Basement
45	0.1 mg/cm2	Negative	A	Ceiling	Concrete	White	Exterior	Basement
46	0.3 mg/cm2	Negative	A	Wall	Concrete	Yellow	Exterior	Basement
47	0.3 mg/cm2	Negative	A	Wall	Concrete	Orange	Exterior	Basement
48	0.5 mg/cm2	Negative	A	Wall	Concrete	Green	Exterior	Basement
49	0.5 mg/cm2	Negative	A	Wall	Concrete	Blue	Exterior	Basement
50	0 mg/cm2	Negative	A	Door	Metal	White	Exterior	Basement
51	-0.2 mg/cm2	Negative	A	Door Frame	Wood	White	Exterior	Basement

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Lead Based Paint Inspection
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52	0.4 mg/cm2	Negative	A	Wall	Concrete	White	Classroom	Basement
53	0.3 mg/cm2	Negative	B	Wall	Concrete	White	Classroom	Basement
54	-0.1 mg/cm2	Negative	C	Wall	Cinderblock	White	Classroom	Basement
55	0 mg/cm2	Negative	C	Wall	Wood	White	Classroom	Basement
56	0.5 mg/cm2	Negative	D	Wall	Concrete	White	Classroom	Basement
57	-0.4 mg/cm2	Negative	C	Baseboard	Wood	White	Classroom	Basement
58	-0.3 mg/cm2	Negative	C	Door	Wood	White	Classroom	Basement
59	-0.2 mg/cm2	Negative	C	Door Frame	Wood	White	Classroom	Basement
60	0 mg/cm2	Negative	C	Ceiling	Concrete	White	Classroom	Basement
61	0.3 mg/cm2	Negative	C	Column	Concrete	White	Classroom	Basement
62	-0.1 mg/cm2	Negative	C	Pipe	Metal	White	Classroom	Basement
63	-0.2 mg/cm2	Negative	A	Wall	Concrete	Beige	Bathroom	Basement
64	-0.1 mg/cm2	Negative	C	Wall	Concrete	Beige	Bathroom	Basement
65	-0.1 mg/cm2	Negative	D	Door	Wood	Beige	Bathroom	Basement
66	-0.2 mg/cm2	Negative	D	Door Frame	Wood	Beige	Bathroom	Basement
67	-0.1 mg/cm2	Negative	B	Wall	Concrete	Lt Blue	Lobby	1
68	0 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Lobby	1
69	0 mg/cm2	Negative	D	Wall	Drywall	Lt Blue	Lobby	1
70	-0.4 mg/cm2	Negative	D	Wall Lower	Drywall	Beige	Lobby	1
71	0.2 mg/cm2	Negative	A	Column	Concrete	Beige	Lobby	1
72	0.2 mg/cm2	Negative	A	Column	Concrete	Lt Blue	Lobby	1
73	-0.2 mg/cm2	Negative	B	Chair Rail	Wood	Beige	Lobby	1
74	-0.2 mg/cm2	Negative	C	Window Frame	Wood	Beige	Lobby	1
75	-0.4 mg/cm2	Negative	D	Door	Wood	Beige	Lobby	1
76	-0.6 mg/cm2	Negative	D	Door Frame	Wood	Beige	Lobby	1
77	0 mg/cm2	Negative	B	Wall	Drywall	Lt Blue	Prather	1
78	-0.1 mg/cm2	Negative	C	Wall	Drywall	Beige	Prather	1
79	-0.1 mg/cm2	Negative	C	Window Frame	Wood	Beige	Prather	1
80	0.5 mg/cm2	Negative	A	Column	Concrete	Beige	Prather	1

Leaaf Environmental
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Lead Based Paint Inspection
411 East Landry St.
Opelousas, LA 70570

Lead Inspector Gary Brooks
LDEQ # NI102434

81	-0.1 mg/cm2	Negative	A	Ceiling	Concrete	Beige	Prather	1
82	0.1 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Hall	1
83	0 mg/cm2	Negative	A	Wall Lower	Drywall	Beige	Hall	1
84	-0.1 mg/cm2	Negative	C	Wall Lower	Drywall	Beige	Hall	1
85	-0.1 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Hall	1
86	-0.3 mg/cm2	Negative	C	Chair Rail	Wood	Beige	Hall	1
87	-0.3 mg/cm2	Negative	C	Door	Wood	Beige	Hall	1
88	-0.2 mg/cm2	Negative	C	Door Frame	Metal	Beige	Hall	1
89	0 mg/cm2	Negative	A	Wall	Wood	Lt Blue	Dining Rm	1
90	0 mg/cm2	Negative	B	Wall	Drywall	Beige	Dining Rm	1
91	0.1 mg/cm2	Negative	C	Wall	Drywall	Beige	Dining Rm	1
92	0.2 mg/cm2	Negative	A	Post	Metal	Beige	Dining Rm	1
93	0.2 mg/cm2	Negative	A	Column	Concrete	Beige	Dining Rm	1
94	0 mg/cm2	Negative	C	Door	Wood	Beige	Dining Rm	1
95	-0.2 mg/cm2	Negative	C	Door Frame	Metal	Beige	Dining Rm	1
96	-0.1 mg/cm2	Negative	A	Wall	Cinderblock	Beige	Kitchen	1
97	0 mg/cm2	Negative	B	Wall	Drywall	Beige	Kitchen	1
98	0.3 mg/cm2	Negative	B	Column	Concrete	White	Kitchen	1
99	0.1 mg/cm2	Negative	B	Pipe	Metal	Yellow	Kitchen	1
100	0 mg/cm2	Negative	D	Window Frame	Metal	Lt Blue	Kitchen	1
101	0.1 mg/cm2	Negative	D	Door	Wood	Beige	Kitchen	1
102	-0.2 mg/cm2	Negative	A	Wall	Cinderblock	Beige	Storage	1
103	0 mg/cm2	Negative	B	Wall	Drywall	Beige	Storage	1
104	-0.4 mg/cm2	Negative	B	Ceiling	Plaster	Beige	Storage	1
105	0.5 mg/cm2	Negative	B	Floor	Concrete	Gray	Storage	1
106	0 mg/cm2	Negative	D	Door	Metal	Beige	Storage	1
107	-0.2 mg/cm2	Negative	D	Door Frame	Metal	Beige	Storage	1
108	0 mg/cm2	Negative	A	Wall	Drywall	Beige	Womens	1
109	0 mg/cm2	Negative	C	Wall	Drywall	Beige	Womens	1

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Opelousas, LA 70570

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110	0 mg/cm2	Negative	B	Wall	Drywall	Beige	Office		1
111	-0.1 mg/cm2	Negative	D	Wall	Drywall	Beige	Office		1
112	-0.2 mg/cm2	Negative	D	Door	Metal	Green	Office		1
113	0.1 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Office 2		1
114	-0.1 mg/cm2	Negative	C	Window Frame	Metal	Beige	Office 2		1
115	-0.1 mg/cm2	Negative	D	Wall	Drywall	Beige	Office 3		1
116	-0.1 mg/cm2	Negative	B	Door Frame	Wood	Beige	Office 3		1
117	-0.2 mg/cm2	Negative	A	Wall	Cinderblock	Blue	Classroom		1
118	0.1 mg/cm2	Negative	D	Wall	Drywall	Blue	Classroom		1
119	0.1 mg/cm2	Negative	D	Wall	Drywall	Peach	Classroom		1
120	-0.2 mg/cm2	Negative	A	Wall	Cinderblock	Peach	Classroom		1
121	0 mg/cm2	Negative	A	Wall	Cinderblock	Beige	Hall 2		1
122	0 mg/cm2	Negative	B	Wall	Drywall	Beige	Hall 2		1
123	-0.1 mg/cm2	Negative	D	Door	Wood	Beige	Hall 2		1
124	0.2 mg/cm2	Negative	C	Floor	Concrete	Gray	Hall 2		1
125	-0.2 mg/cm2	Negative	A	Wall	Cinderblock	White	Stairs		1
126	-0.2 mg/cm2	Negative	A	Wall	Cinderblock	Green	Stairs		1
127	0.3 mg/cm2	Negative	A	Stair Tread	Concrete	Green	Stairs		1
128	-0.1 mg/cm2	Negative	C	Stair Handrail	Metal	Green	Stairs		1
129	0.2 mg/cm2	Negative	C	Ceiling	Concrete	White	Stairs		1
130	-0.4 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Room	202	2
131	-0.5 mg/cm2	Negative	B	Wall	Concrete	Lt Blue	Room	202	2
132	-0.2 mg/cm2	Negative	B	Ceiling	Concrete	Lt Blue	Room	202	2
133	-0.4 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Bathroom	202	2
134	-0.3 mg/cm2	Negative	A	Door Frame	Metal	Beige	Bathroom	202	2
135	0 mg/cm2	Negative	B	Wall	Drywall	Lt Blue	Bathroom	203	2
136	-0.6 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Bathroom	203	2
137	0 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Room	203	2
138	0.1 mg/cm2	Negative	D	Wall	Drywall	Lt Blue	Room	206	2

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139	0.2 mg/cm2	Negative	A	Door Frame	Metal	Beige	Room	206	2
140	0.3 mg/cm2	Negative	A	Ceiling	Concrete	White	Room	206	2
141	-0.8 mg/cm2	Negative	A	Ceiling	Concrete	White	Room	206	2
142	-0.5 mg/cm2	Negative	A	Wall	Concrete	White	Room	207	2
143	0.1 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Bathroom	207	2
144	-0.6 mg/cm2	Negative	B	Wall	Drywall	Lt Blue	Room	212	2
145	-0.2 mg/cm2	Negative	B	Ceiling	Drywall	White	Room	212	2
146	0 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Room	217	2
147	0 mg/cm2	Negative	D	Wall	Drywall	Lt Blue	Room	217	2
148	-0.4 mg/cm2	Negative	C	Door Frame	Metal	White	Room	217	2
149	-0.5 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Hall		2
150	0 mg/cm2	Negative	C	Chair Rail	Wood	White	Hall		2
151	-0.1 mg/cm2	Negative	D	Door	Metal	Beige	Hall		2
152	-0.1 mg/cm2	Negative	D	Door Frame	Metal	Beige	Hall		2
153	-0.1 mg/cm2	Negative	C	Stair Handrail	Metal	Red	Stairs		3
154	0 mg/cm2	Negative	C	Stair Ballister	Metal	Red	Stairs		3
155	-0.1 mg/cm2	Negative	D	Door	Metal	Orange	Stairs		3
156	-0.5 mg/cm2	Negative	D	Door Frame	Metal	Orange	Stairs		3
157	-0.1 mg/cm2	Negative	A	Wall	Drywall	Lt Blue	Room	302	3
158	-0.4 mg/cm2	Negative	A	Door	Metal	White	Room	302	3
159	-0.2 mg/cm2	Negative	A	Door Frame	Metal	White	Room	302	3
160	-0.3 mg/cm2	Negative	B	Wall	Drywall	Green	Room	311	3
161	-0.1 mg/cm2	Negative	C	Wall	Drywall	Green	Room	311	3
162	-0.1 mg/cm2	Negative	C	Wall	Drywall	Green	Bathroom	311	3
163	0 mg/cm2	Negative	A	Wall	Drywall	Green	Bathroom	314	3
164	-0.4 mg/cm2	Negative	A	Ceiling	Concrete	White	Room	314	3
165	0 mg/cm2	Negative	B	Door	Metal	White	Room	314	3
166	0 mg/cm2	Negative	B	Door Frame	Metal	White	Room	314	3
167	0 mg/cm2	Negative	A	Wall	Drywall	White	Hall		3

Leaaf Environmental
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Opelousas, LA 70570

Lead Inspector Gary Brooks
LDEQ # NI102434

168	-0.6 mg/cm2	Negative	B	Wall	Drywall	White	Hall		3
169	-0.4 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Room	404	4
170	0 mg/cm2	Negative	C	Ceiling	Drywall	Lt Blue	Room	404	4
171	0 mg/cm2	Negative	B	Wall	Drywall	Lt Blue	Room	406	4
172	-0.1 mg/cm2	Negative	B	Wall	Drywall	Lt Blue	Bathroom	406	4
173	-0.4 mg/cm2	Negative	C	Door	Wood	Beige	Room	406	4
174	-0.1 mg/cm2	Negative	C	Door Frame	Metal	Beige	Room	406	4
175	-0.7 mg/cm2	Negative	A	Door Frame	Metal	Beige	Room	410	4
176	0 mg/cm2	Negative	A	Door	Wood	Beige	Room	410	4
177	0 mg/cm2	Negative	C	Wall	Drywall	Lt Blue	Room	410	4
178	-0.5 mg/cm2	Negative	D	Wall	Drywall	Lt Blue	Room	415	4
179	-0.1 mg/cm2	Negative	B	Wall	Drywall	Lt Blue	Bathroom	415	4
180	-0.2 mg/cm2	Negative	A	Wall	Drywall	Beige	Hall		4
181	-0.1 mg/cm2	Negative	C	Wall	Drywall	Beige	Hall		4
182	0.9 mg/cm2	Negative	Cal 1.0						
183	0.9 mg/cm2	Negative	Cal 1.0						
184	0.9 mg/cm2	Negative	Cal 1.0						

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Gary Brooks

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Inspector

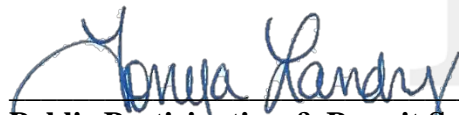
Accreditation No. NI102434

AI No. 102434

Date of Issuance January 11, 2021

Expiration November 21, 2021

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.



Public Participation & Permit Support Division
Office of Environmental Services

Photographs of Confirmed Lead-Based Paint
New Life Center
Opelousas, LA



Exterior Concrete Curb (yellow)



Exterior Concrete Curb (yellow)

Lead Based Paint (LBP)

- Exterior Concrete Curb: ~ 250 SF total



APPENDIX E

MOLD DATA

Field Notes

Mold Photographs

Mold Location Map

Laboratory Analytical Reports



AIR MONITORING DATA SHEET

Date: 6/2/2021

Leaaf File #: LTBA-006

Project Location: New Life Center Phase II - 411 East Landry St., Opelousas, LA 70570

Constituent of Concern: Airborne Mold

Sample Number	Area	Room	Pump #	Start		Stop		Total Time	Avg. Flow	Total Vol.
				Flow	Time	Flow	Time			
LTBA-006-AOC-001	<input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior	Exterior @ Side Entrance	BP-06	15 Lpm	1005	15 Lpm	1015	10 min	15 Lpm	150 L
LTBA-006-AOC-002	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	1 st Fl. – Activity Room	BP-07	15 Lpm	1008	15 Lpm	1018	10 min	15 Lpm	150 L
LTBA-006-AOC-003	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	1 st Fl. – Dining Room	BP-08	15 Lpm	1010	15 Lpm	1020	10 min	15 Lpm	150 L
LTBA-006-AOC-004	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	1 st Fl. – Kitchen	BP-06	15 Lpm	1022	15 Lpm	1032	10 min	15 Lpm	150 L
LTBA-006-AOC-005	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	2 nd Fl. – Hall @ 217	BP-07	15 Lpm	1347	15 Lpm	1357	10 min	15 Lpm	150 L
LTBA-006-AOC-006	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	2 nd Fl. – Hall @ Elevator	BP-08	15 Lpm	1347	15 Lpm	1357	10 min	15 Lpm	150 L
LTBA-006-AOC-007	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	2 nd Fl. - Hall @ 204	BP-06	15 Lpm	1347	15 Lpm	1357	10 min	15 Lpm	150 L
LTBA-006-AOC-008	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	4 th Fl. – Hall @ 404	BP-07	15 Lpm	1450	15 Lpm	1500	10 min	15 Lpm	150 L
LTBA-006-AOC-009	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	3 rd Fl. – Hall @ 302	BP-08	15 Lpm	1429	15 Lpm	1439	10 min	15 Lpm	150 L
LTBA-006-AOC-010	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	3 rd Fl. – Hall @ Elevator	BP-06	15 Lpm	1430	15 Lpm	1440	10 min	15 Lpm	150 L
LTBA-006-AOC-011	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	3 rd Fl. – Hall @ 318	BP-07	15 Lpm	1432	15 Lpm	1442	10 min	15 Lpm	150 L
LTBA-006-AOC-012	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	4 th Fl. – Hall @ Elevator	BP-08	15 Lpm	1451	15 Lpm	1501	10 min	15 Lpm	150 L
LTBA-006-AOC-013	<input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	4 th Fl. – Hall @ 416	BP-06	15 Lpm	1452	15 Lpm	1502	10 min	15 Lpm	150 L
LTBA-006-AOC-014	<input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior	Exterior @ Side Entrance	BP-07	15 Lpm	1508	15 Lpm	1518	10 min	15 Lpm	150 L

BP-01 Cal. Check: OK Adjusted OK
 BP-05 Cal. Check: OK Adjusted OK
 BP-06 Cal. Check: OK Adjusted OK
 BP-07 Cal. Check: OK Adjusted OK
 BP-08 Cal. Check: OK Adjusted OK

Start Stop

Media Manufacture: Air-O-Cell Via-Cell

Calibration Unit: Flow Meter – 01 02 03 04 05

Best if used by: 2021-12

Completed by: Suzanne Sicotte

Mold Survey Air Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
1st Floor
6/2/2021

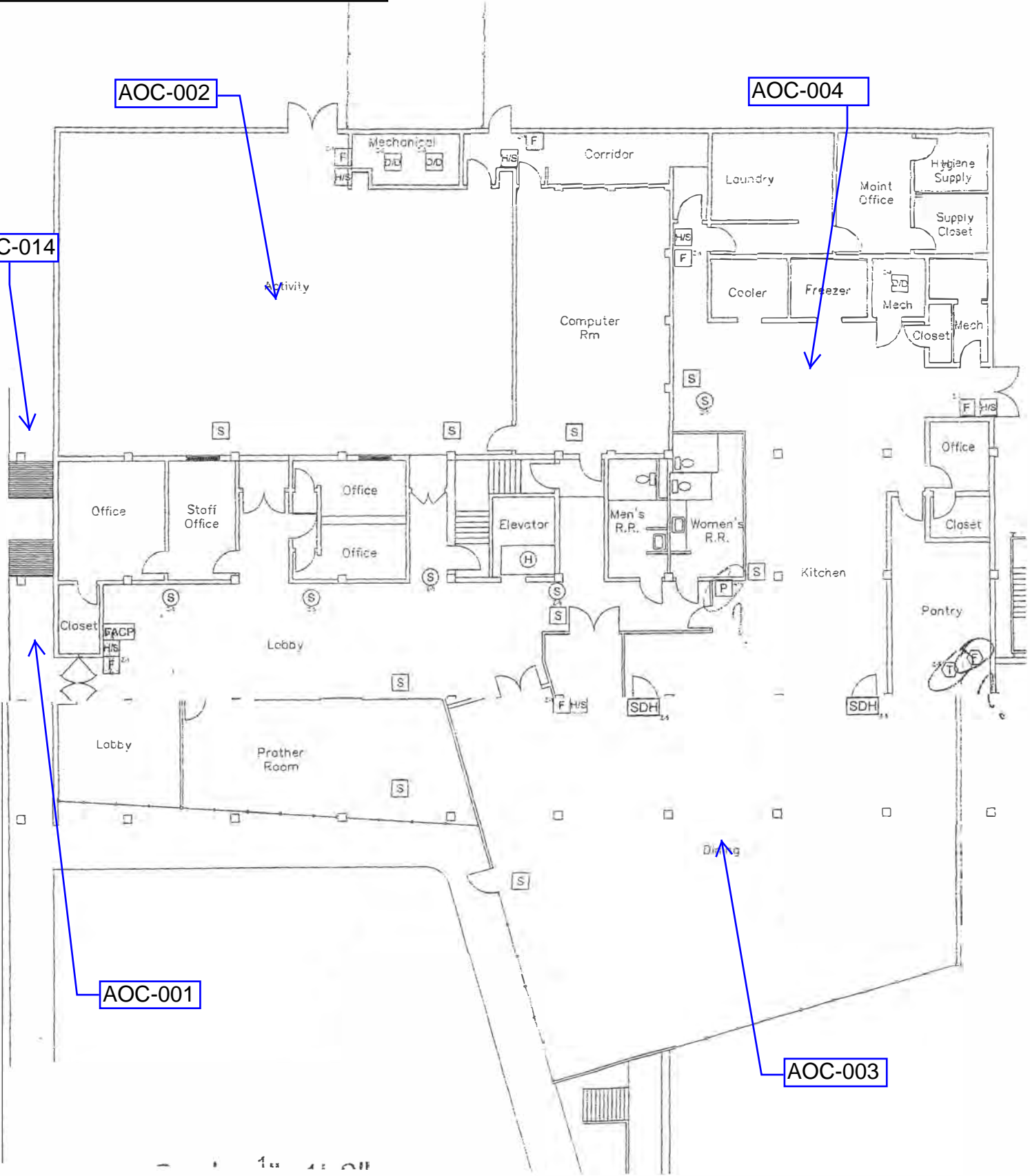
AOC-002

AOC-004

AOC-014

AOC-001

AOC-003



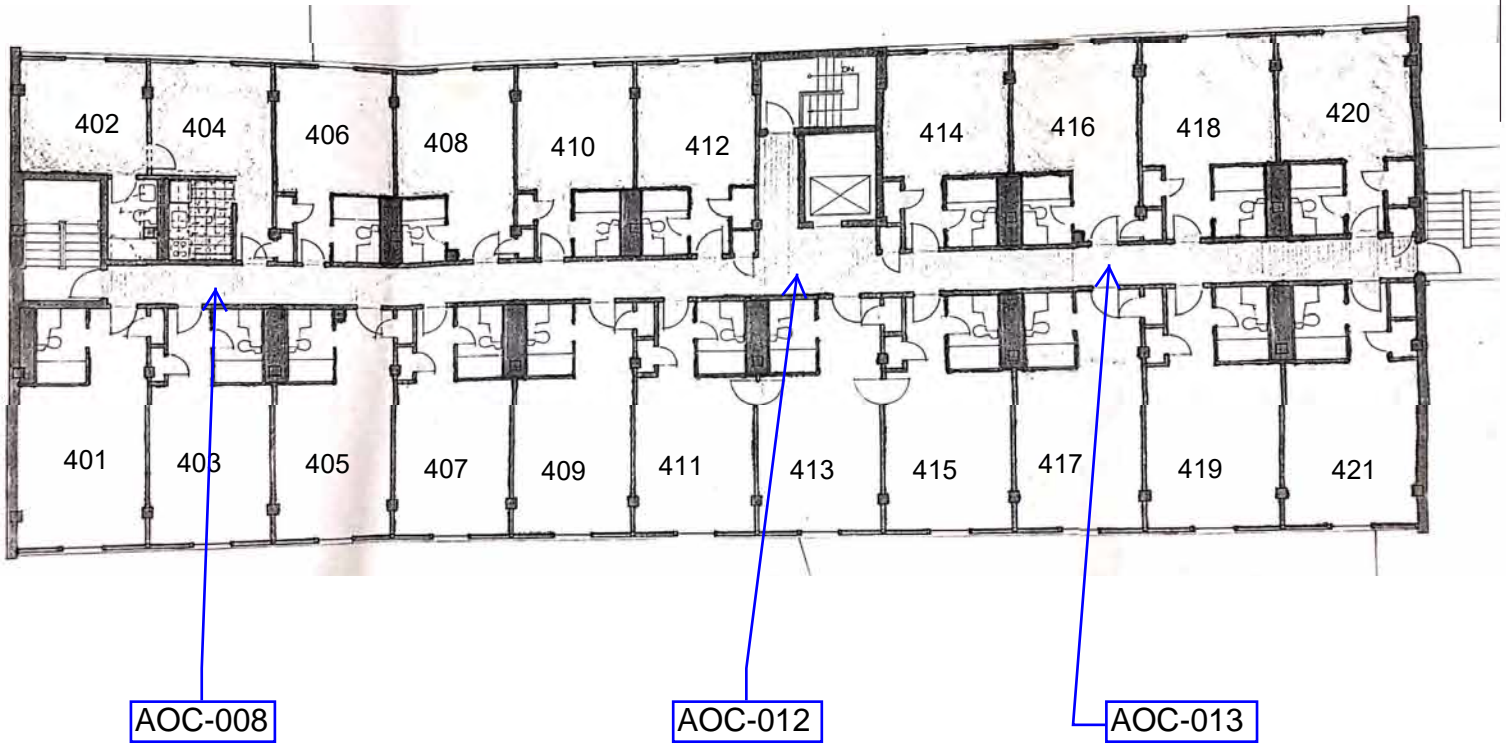
Mold Survey Air Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
2nd Floor
6/2/2021



Mold Survey Air Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
3rd Floor
6/2/2021



Mold Survey Air Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
4th Floor
6/2/2021





SWAB SAMPLE SUMMARY FORM

Date: 6/2/2021 – 6/3/2021

Leaaf File #: LTBA-006

Project Location: New Life Center Phase II - 411 East Landry St., Opelousas, LA 70570

Constituent of Concern: Surface Mold

Sample Number	Location	Surface Area Sampled	Type of Surface Sampled	Visible Suspect Mold Observed?
LTBA-006-SWB-001	1st Fl. – Activity Rm. Door	1 in ²	Metal	Yes
LTBA-006-SWB-002	1 st Fl. – Dining Rm. Wall	1 in ²	Wood	Yes
LTBA-006-SWB-003	1 st Fl. – Kitchen Wall Column	1 in ²	Concrete	Yes
LTBA-006-SWB-004	Basement – Wall	1 in ²	Sheetrock	Yes
LTBA-006-SWB-005	Basement – Wall	1 in ²	Concrete	Yes
LTBA-006-SWB-006	Basement – Classroom Bathroom Wall	1 in ²	Sheetrock	Yes
LTBA-006-SWB-007	2 nd Fl. – 221 Wall	1 in ²	Sheetrock	Yes
LTBA-006-SWB-008	2 nd Fl. – Hall @ 218 Wall	1 in ²	Sheetrock	Yes
LTBA-006-SWB-009	2 nd Fl. – Hall @ 217 HVAC Supply Reg	1 in ²	Metal	Yes
LTBA-006-SWB-010	3 rd Fl – 311 Wall	1 in ²	Sheetrock	Yes
LTBA-006-SWB-011	3 rd Fl. – Hall @ 313 Wakk (above ceiling tile)	1 in ²	Sheetrock	Yes
LTBA-006-SWB-012	3rd Fl. – 313 Ceiling	1 in ²	Sheetrock	Yes
LTBA-006-SWB-013	4th Fl. – Elevator Door	1 in ²	Metal	Yes
LTBA-006-SWB-014	4th Fl. – 404 Door	1 in ²	Wood	Yes
LTBA-006-SWB-015	4th Fl. – 410 Wall	1 in ²	Sheetrock	Yes

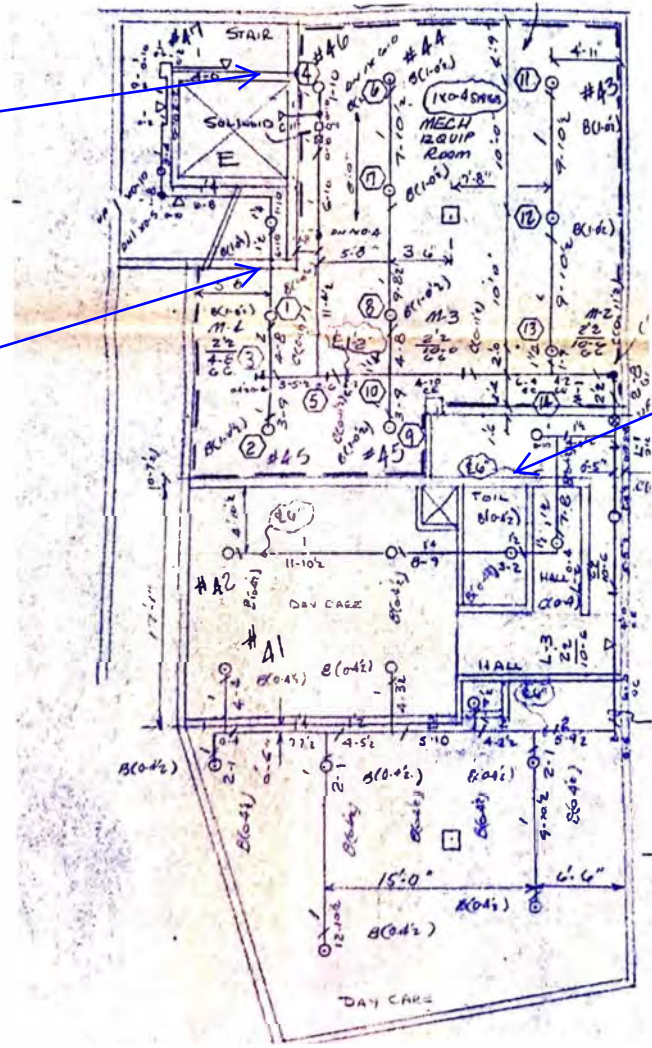
Completed By: Suzanne Sicotte

Mold Survey Swab Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
Basement Floor
6/2/2021

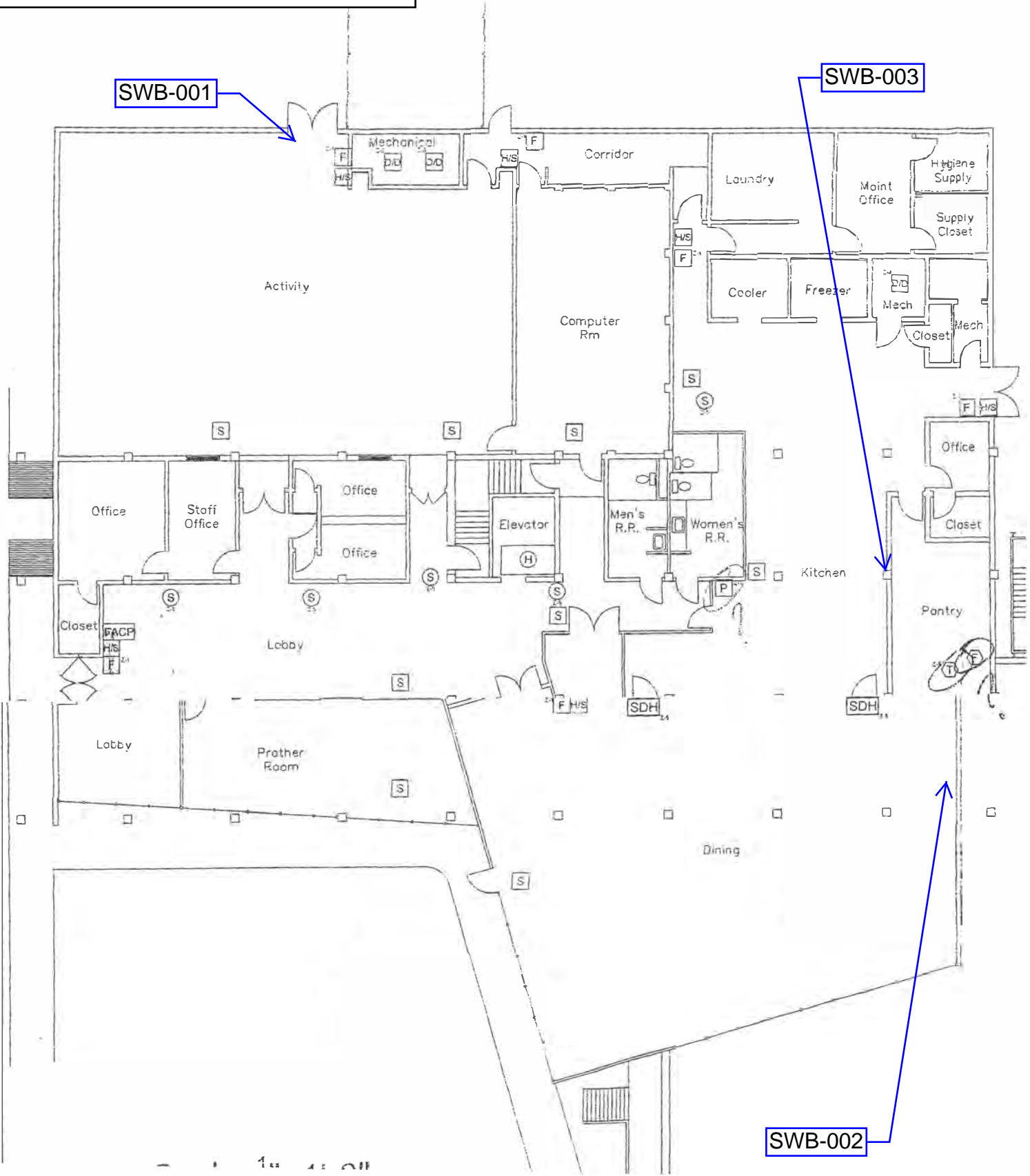
SWB-005

SWB-004

SWB-006



Mold Survey Swab Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
1st Floor
6/2/2021

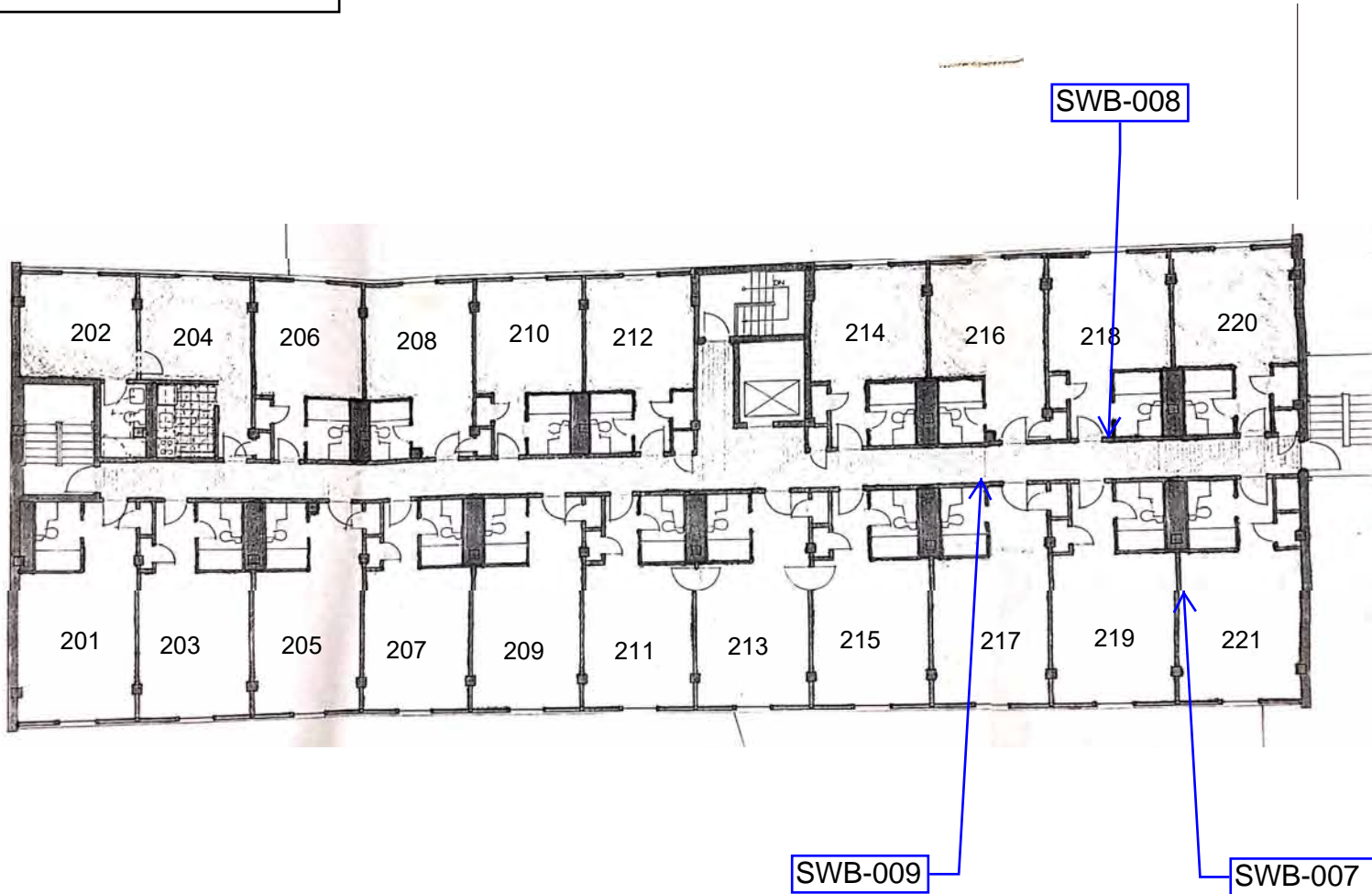


SWB-001

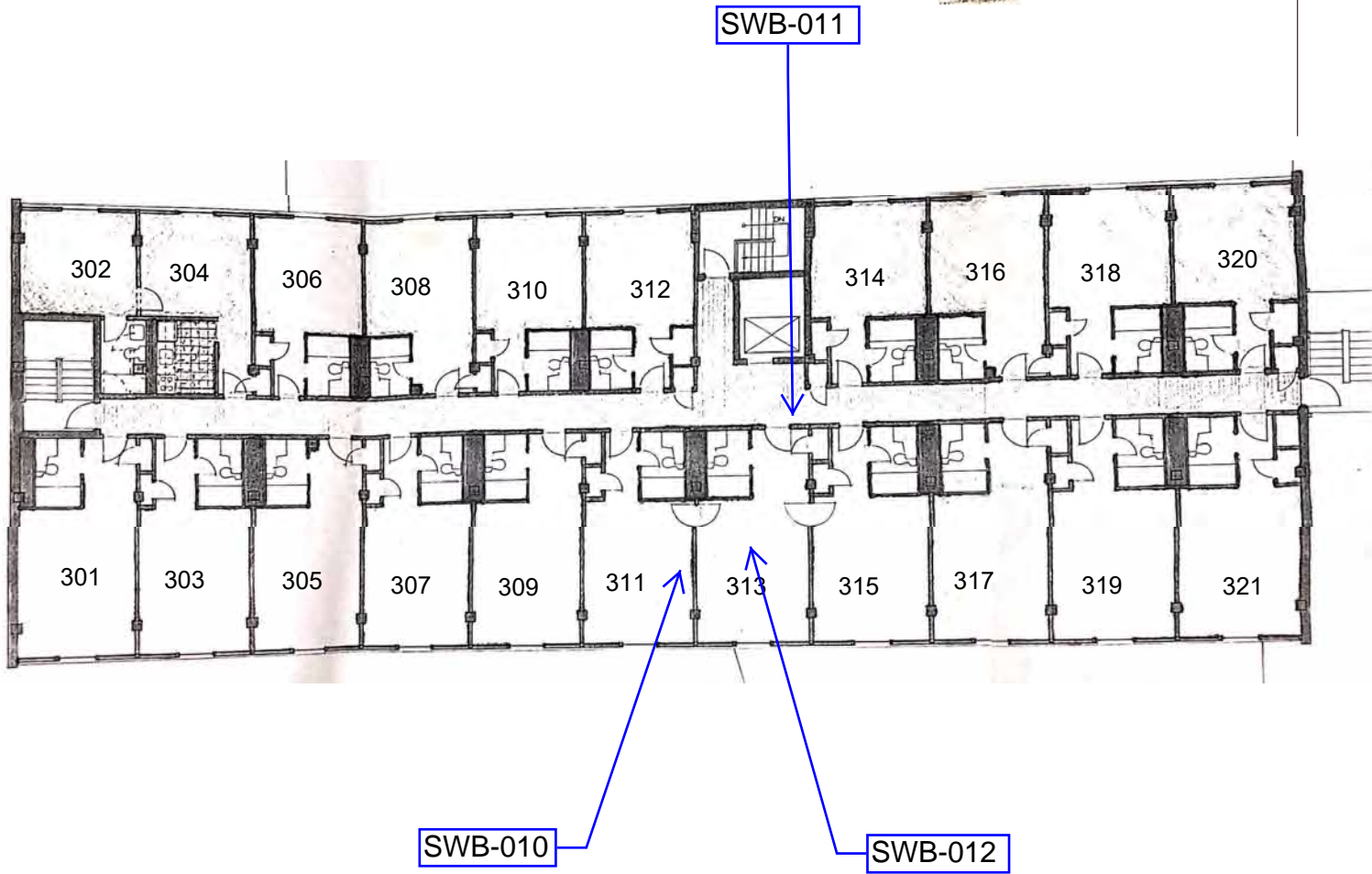
SWB-003

SWB-002

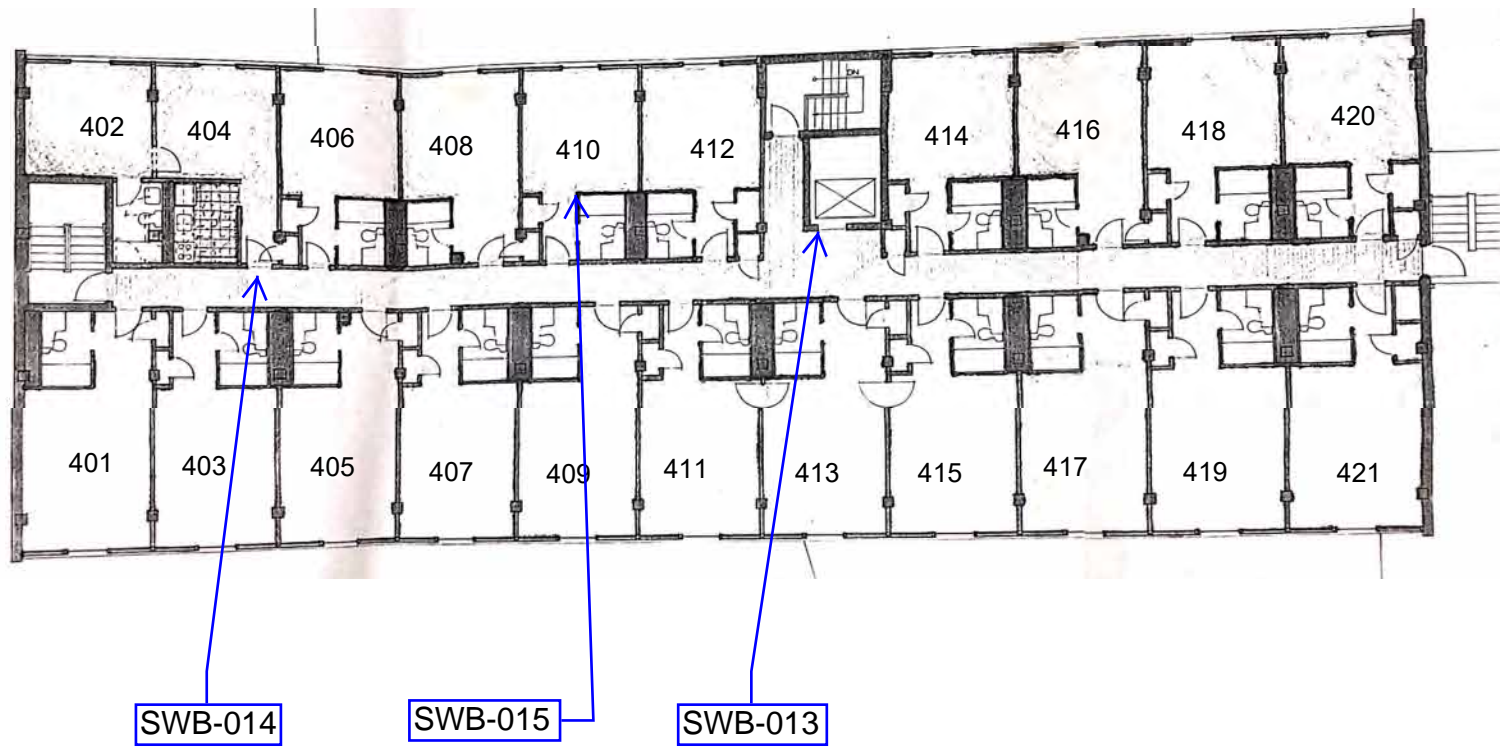
Mold Survey Swab Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
2nd Floor
6/2/2021



Mold Survey Swab Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
3rd Floor
6/2/2021



Mold Survey Swab Sampling Location Map
New Life Center - Phase II
411 E. Landry St., Opelousas, LA
4th Floor
6/2/2021



Photographs of Mold Impacted Materials
New Life Center
Opelousas, LA



1st Floor Activity Rm.



1st Floor Activity Rm.



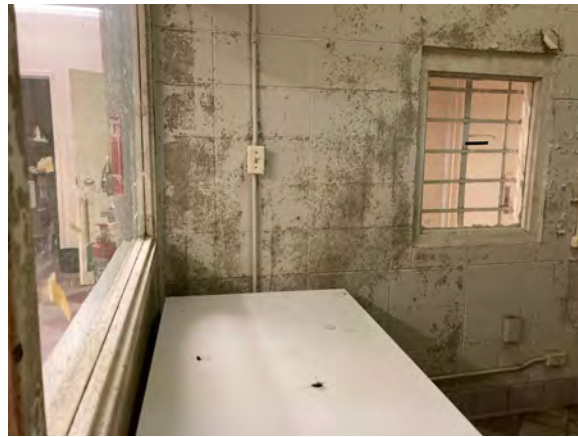
1st Floor Classroom



1st Floor Dining Room



1st Floor Kitchen



1st Floor Kitchen Office

Photographs of Mold Impacted Materials
New Life Center
Opelousas, LA



1st Floor Kitchen Closet



Basement



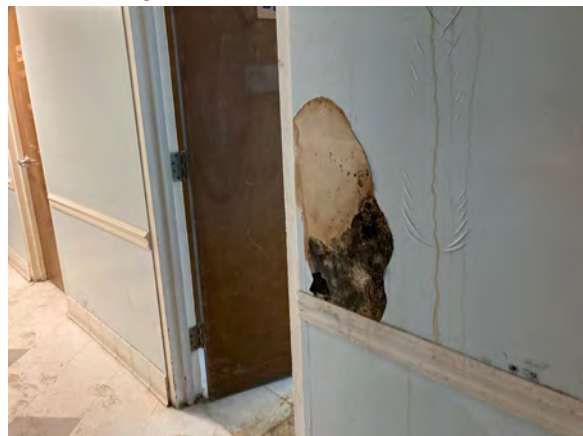
Basement



Basement Classroom



2nd Floor Room



2nd Floor Hall

Photographs of Mold Impacted Materials
New Life Center
Opelousas, LA



3rd Floor Room



3rd Floor Bathroom



4th Floor Room

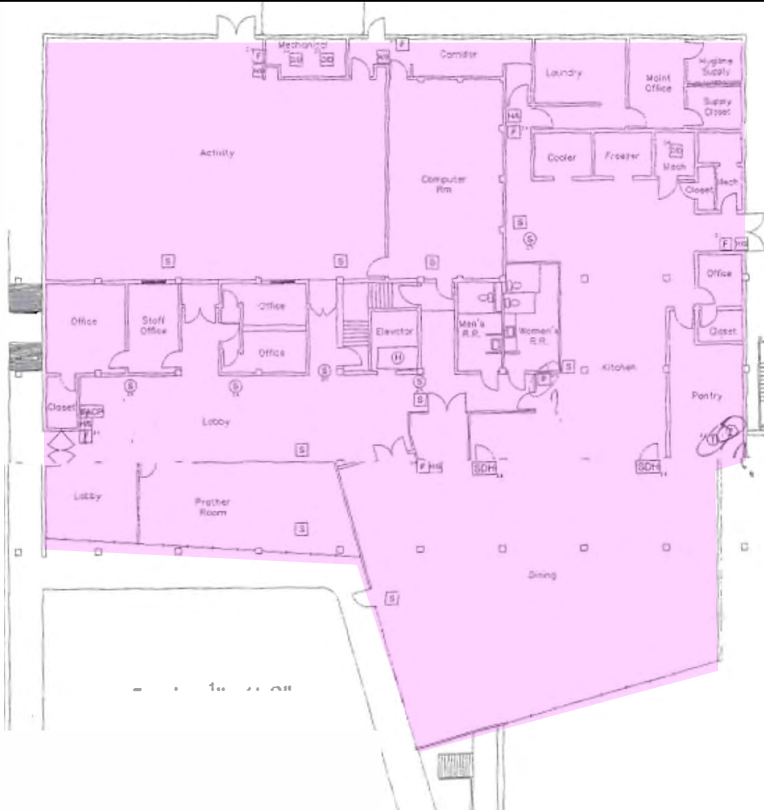


4th Floor Room

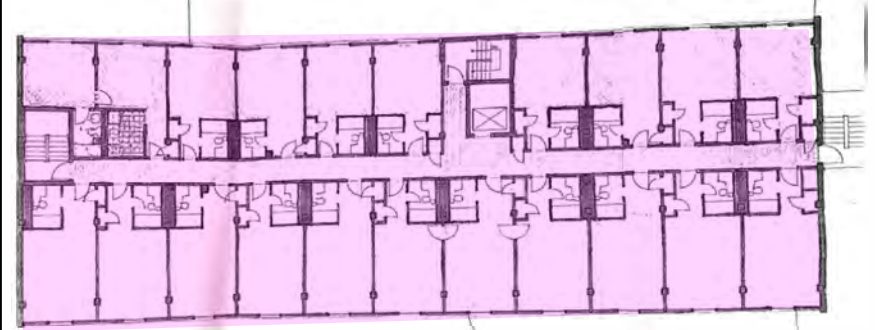
Mold Impacted Building Materials

- ~ 140,000 SF total

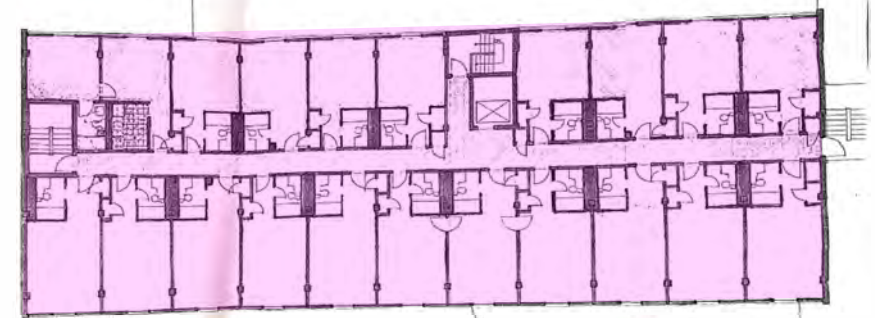
Mold affected and/or water damaged building components include but are not limited to: wall surfaces (brick, sheetrock, cinderblock), floor surfaces (concrete, brick tile, ceramic tile, floor tile, vinyl floor sheeting, carpet), ceiling surfaces (ceiling tile, concrete, sheetrock), doors and associated door components, HVAC/AHU systems and associated components (units, registers, ducts, etc.), windows and associated window components. Affected building components were observed throughout the building. Remediation should include but isn't limited to highlighted areas.



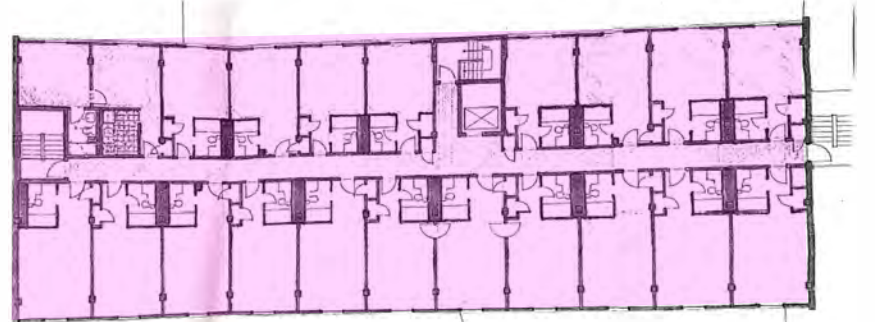
1st Floor



2nd Floor



3rd Floor



4th Floor

Report for:

Ms. Madeline Dickson
Leaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Regarding: Project: LTBA-006; 411 East Landry St., Opelousas LA 70570
EML ID: 2656526

Approved by:



Technical Manager
Balu Krishnan

Dates of Analysis:

Quantitative spore count direct exam: 06-08-2021

Service SOPs: Quantitative spore count direct exam (EM-MY-S-1041)
AIHA-LAP, LLC accredited service, Lab ID #173067

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

QUANTITATIVE SPORE COUNT REPORT

Location:	LTBA_006-SWB-001: Activity Rm. Door- 1st Fl			LTBA_006-SWB-002: Dining Rm. Wall- 1st Fl		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693802-1			12693803-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus						
Aureobasidium						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	154	400,000	1+	103	270,000	1+
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts	1	40	-			
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	< 1+			< 1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	16,000			65,000		
§ TOTAL SPORES/UNIT		400,000			270,000	

Comments:

Dash ("-") means not detected. Quantities of molds seen growing on the surface sampled are listed in the "growth" column and are graded < 1+ to 4+, with 4+ denoting the highest numbers. This method differentiates between spores from mold growth and spores present because of normal fallout.
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
 †† Background debris is an indication of the amount of non-biological particulate matter present on the slide (dust in the air) and is graded from 1+ to 4+ with 4+ indicating the largest amounts. This background material is also an indication of visibility for the analyst and resultant difficulty reading the slide. For example, high background debris may obscure the small spores such as the *Penicillium/Aspergillus* group. Counts from areas with 4+ background debris should be regarded as minimal counts and may actually be higher than reported.
 ‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
 § Total Spores/unit has been rounded to two significant figures to reflect analytical precision.
 The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.
 Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA
70570Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021**QUANTITATIVE SPORE COUNT REPORT**

Location:	LTBA_006-SWB-003: Kitchen Wall Column- 1st Fl			LTBA_006-SWB-004: Basement Wall		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693804-1			12693805-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus						
Aureobasidium						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	182	480,000	1+	230	9,200	< 1+
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys				335	880,000	3+
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	< 1+			< 1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	16,000			44,000		
§ TOTAL SPORES/UNIT		480,000			890,000	

Comments:

Dash ("-") means not detected. Quantities of molds seen growing on the surface sampled are listed in the "growth" column and are graded < 1+ to 4+, with 4+ denoting the highest numbers. This method differentiates between spores from mold growth and spores present because of normal fallout.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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§ Total Spores/unit has been rounded to two significant figures to reflect analytical precision.

The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021

QUANTITATIVE SPORE COUNT REPORT

Location:	LTBA_006-SWB-005: Basement Wall			LTBA_006-SWB-006: Basement Bathroom Wall		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693806-1			12693807-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus						
Aureobasidium						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	113	4,500	< 1+	267	700,000	2+
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	< 1+			< 1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	2,100			16,000		
§ TOTAL SPORES/UNIT		4,500			700,000	

Comments:

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 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
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 ‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
 § Total Spores/unit has been rounded to two significant figures to reflect analytical precision.
 The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.
 Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021

QUANTITATIVE SPORE COUNT REPORT

Location:	LTBA_006-SWB-007: 221 Wall - 2nd Fl			LTBA_006-SWB-008: Hall Wall at 218- 2nd Fl.		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693808-1			12693809-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus	575	1,500,000	4+			
Aureobasidium						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium				188	490,000	1+
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†				32	84,000	< 1+
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	< 1+			< 1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	7,900			2,600		
§ TOTAL SPORES/UNIT		1,500,000			580,000	

Comments:

Dash ("-") means not detected. Quantities of molds seen growing on the surface sampled are listed in the "growth" column and are graded < 1+ to 4+, with 4+ denoting the highest numbers. This method differentiates between spores from mold growth and spores present because of normal fallout.
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
 †† Background debris is an indication of the amount of non-biological particulate matter present on the slide (dust in the air) and is graded from 1+ to 4+ with 4+ indicating the largest amounts. This background material is also an indication of visibility for the analyst and resultant difficulty reading the slide. For example, high background debris may obscure the small spores such as the *Penicillium/Aspergillus* group. Counts from areas with 4+ background debris should be regarded as minimal counts and may actually be higher than reported.
 ‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
 § Total Spores/unit has been rounded to two significant figures to reflect analytical precision.
 The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.
 Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA
70570Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021**QUANTITATIVE SPORE COUNT REPORT**

Location:	LTBA_006-SWB-009: Hall HVAC Supply Reg.- 2nd Fl (at 217)			LTBA_006-SWB-010: 311 Wall3 3rd Fl		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693810-1			12693811-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus				385	1,000,000	3+
Aureobasidium						
Basidiospores	4	160	-			
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	7	280	-			
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	34	1,400	-			
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+			< 1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	160			240		
§ TOTAL SPORES/UNIT		1,800			1,000,000	

Comments:

Dash ("-") means not detected. Quantities of molds seen growing on the surface sampled are listed in the "growth" column and are graded < 1+ to 4+, with 4+ denoting the highest numbers. This method differentiates between spores from mold growth and spores present because of normal fallout.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris is an indication of the amount of non-biological particulate matter present on the slide (dust in the air) and is graded from 1+ to 4+ with 4+ indicating the largest amounts. This background material is also an indication of visibility for the analyst and resultant difficulty reading the slide. For example, high background debris may obscure the small spores such as the *Penicillium/Aspergillus* group. Counts from areas with 4+ background debris should be regarded as minimal counts and may actually be higher than reported.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/unit has been rounded to two significant figures to reflect analytical precision.

The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA
70570Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021**QUANTITATIVE SPORE COUNT REPORT**

Location:	LTBA_006-SWB-011: Hall Wall at 313 - 3rd Fl			LTBA_006-SWB-012: 313 Ceiling- 3rd Fl		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693812-1			12693813-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus						
Aureobasidium						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium				570	1,500,000	4+
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless	84	220,000	1+			
Penicillium/Aspergillus types†	11	440	-	92	3,700	-
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys	48	1,900	-			
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	< 1+			1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	240			10,000		
§ TOTAL SPORES/UNIT		220,000			1,500,000	

Comments:

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† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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§ Total Spores/unit has been rounded to two significant figures to reflect analytical precision.

The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA
70570Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021**QUANTITATIVE SPORE COUNT REPORT**

Location:	LTBA_006-SWB-013: Elevator Door- 4th Fl			LTBA_006-SWB-014: 404 Poor- 4th Fl		
Comments (see below)	None			None		
Sample type	Swab sample			Swab sample		
Lab ID-Version‡:	12693814-1			12693815-1		
Analysis Date:	06/08/2021			06/08/2021		
Dilution	1:40			1:40		
	raw ct.	spores/unit	growth	raw ct.	spores/unit	growth
Ascospores						
Aspergillus						
Aureobasidium						
Basidiospores						
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	160	6,400	< 1+	117	4,700	< 1+
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	8	320	-			
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	< 1+			< 1+		
Sample size	1			1		
Unit	1 in2			1 in2		
Hyphal fragments/unit	2,500			120		
§ TOTAL SPORES/UNIT		6,700			4,700	

Comments:

Dash ("-") means not detected. Quantities of molds seen growing on the surface sampled are listed in the "growth" column and are graded < 1+ to 4+, with 4+ denoting the highest numbers. This method differentiates between spores from mold growth and spores present because of normal fallout.

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Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

QUANTITATIVE SPORE COUNT REPORT

Location:	LTBA_006-SWB-015: 410 Wall -4th Fl		
Comments (see below)	None		
Sample type	Swab sample		
Lab ID-Version‡:	12693816-1		
Analysis Date:	06/08/2021		
Dilution	1:40		
	raw ct.	spores/unit	growth
Ascospores			
Aspergillus			
Aureobasidium			
Basidiospores	1	40	-
Bipolaris/Drechslera group			
Botrytis			
Chaetomium			
Cladosporium	2	80	-
Curvularia			
Epicoccum			
Fusarium			
Myrothecium			
Nigrospora			
Other colorless			
Penicillium/Aspergillus types†	111	4,400	< 1+
Pithomyces			
Rusts			
Smuts, Periconia, Myxomycetes			
Stachybotrys			
Stemphylium			
Torula			
Ulocladium			
Zygomycetes			
Background debris (1-4+)††	3+		
Sample size	1		
Unit	1 in2		
Hyphal fragments/unit	280		
§ TOTAL SPORES/UNIT		4,600	

Comments:

Dash ("-") means not detected. Quantities of molds seen growing on the surface sampled are listed in the "growth" column and are graded < 1+ to 4+, with 4+ denoting the highest numbers. This method differentiates between spores from mold growth and spores present because of normal fallout.
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
 †† Background debris is an indication of the amount of non-biological particulate matter present on the slide (dust in the air) and is graded from 1+ to 4+ with 4+ indicating the largest amounts. This background material is also an indication of visibility for the analyst and resultant difficulty reading the slide. For example, high background debris may obscure the small spores such as the *Penicillium/Aspergillus* group. Counts from areas with 4+ background debris should be regarded as minimal counts and may actually be higher than reported.
 ‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
 § Total Spores/unit has been rounded to two significant figures to reflect analytical precision.
 The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.
 Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

Report for:

Ms. Madeline Dickson
Leaf Environmental, LLC
2301 Whitney Ave
Gretna, LA 70056

Regarding: Project: LTBA-006; 411 East Landry St., Opelousas LA 70570
EML ID: 2656526

Approved by:



Technical Manager
Balu Krishnan

Dates of Analysis:

Spore trap analysis: 06-08-2021

Service SOPs: Spore trap analysis (EM-MY-S-1038)
AIHA-LAP, LLC accredited service, Lab ID #173067

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	LTBA-006-AOC-001: Exterior				LTBA-006-AOC-002: Activity Rm.- 1st Fl				LTBA-006-AOC-003: Dining Rm.- 1st Fl				LTBA-006-AOC-004: Kitchen - 1st Fl			
Comments (see below)	None				None				None				None			
Lab ID-Version‡:	12693817-1				12693818-1				12693819-1				12693820-1			
Analysis Date:	06/08/2021				06/08/2021				06/08/2021				06/08/2021			
Sample volume (liters)	150				150				150				150			
Background debris (1-4+)††	1+				1+				1+				1+			
	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%
Hyphal fragments	1	7	7	n/a												
Pollen																
§ TOTAL FUNGAL SPORES	117	2,600	n/a	100	599	4,300	n/a	100	242	3,600	n/a	100	362	3,300	n/a	100
Ascospores	21	560	27	22	8	210	27	5	12	320	27	9	20	530	27	16
Basidiospores	69	1,800	27	71	5	130	27	3	87	2,300	27	65	23	610	27	19
Cercospora	5	33	7	1	2	13	7	<1	3	20	7	1	2	13	7	<1
Chaetomium	1	7	7	<1												
Cladosporium	13	87	7	3	332	2,200	7	52	46	310	7	9	78	520	7	16
Curvularia	1	7	7	<1												
Other brown	1	7	7	<1												
Other colorless													82	550	7	17
Penicillium/Aspergillus types	3	20	7	1	249	1,700	7	39	89	590	7	17	155	1,000	7	32
Polythrincium	1	7	7	<1												
Pyricularia	1	7	7	<1					3	20	7	1	1	7	7	<1
Smuts, Periconia, Myxomycetes	1	7	7	<1	3	20	7	<1	2	13	7	<1	1	7	7	<1
Stachybotrys																

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

The analytical sensitivity/limit of detection is the Count/m³ divided by the raw count, expressed in Count/m³.

*The detection limit/limit of detection (DL) per cubic meter (m3) has been rounded to two significant figures to reflect analytical precision.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Fungal Spores has been rounded to two significant figures to reflect analytical precision.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	LTBA-006-AOC-005: Hall at 217 - 2nd Fl.				LTBA-006-AOC-006: Hall at Elevator- 2nd Fl.				LTBA-006-AOC-007: Hall at 204 -2nd Fl.				LTBA-006-AOC-008: Hall at 404 - 4th Fl.			
Comments (see below)	None				None				None				None			
Lab ID-Version‡:	12693821-1				12693822-1				12693823-1				12693824-1			
Analysis Date:	06/08/2021				06/08/2021				06/08/2021				06/08/2021			
Sample volume (liters)	150				150				150				150			
Background debris (1-4+)††	3+				2+				2+				2+			
	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%
Hyphal fragments	5	33	7	n/a	4	27	7	n/a	1	7	7	n/a	4	27	7	n/a
Pollen	1	7	7	n/a	1	7	7	n/a	5	33	7	n/a				
§ TOTAL FUNGAL SPORES	334	2,200	n/a	100	249	1,700	n/a	100	216	1,400	n/a	100	196	1,300	n/a	100
Alternaria					2	13	7	1	1	7	7	<1				
Ascospores	37	250	7	11	25	170	7	10	48	320	7	22	9	60	7	5
Basidiospores	13	87	7	4	5	33	7	2	8	53	7	4	5	33	7	3
Cercospora	1	7	7	<1	1	7	7	<1								
Chaetomium									1	7	7	<1	2	13	7	1
Cladosporium	124	830	7	37	95	630	7	38	43	290	7	20	50	330	7	26
Epicoccum	1	7	7	<1												
Nigrospora	2	13	7	1	1	7	7	<1								
Other brown	2	13	7	1					1	7	7	<1	1	7	7	1
Other colorless									4	27	7	2				
Penicillium/Aspergillus types	152	1,000	7	46	117	780	7	47	104	690	7	48	128	850	7	65
Smuts, Periconia, Myxomycetes	2	13	7	1	2	13	7	1	5	33	7	2				
Stachybotrys					1	7	7	<1	1	7	7	<1	1	7	7	1

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

The analytical sensitivity/limit of detection is the Count/m³ divided by the raw count, expressed in Count/m³.

*The detection limit/limit of detection (DL) per cubic meter (m3) has been rounded to two significant figures to reflect analytical precision.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Fungal Spores has been rounded to two significant figures to reflect analytical precision.

Client: Leaf Environmental, LLC
C/O: Ms. Madeline Dickson
Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
Date of Receipt: 06-04-2021
Date of Report: 06-08-2021

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	LTBA-006-AOC-009: Hall at 302- 3rd Fl.				LTBA-006-AOC-010: Hall at Elevator- 3rd Fl				LTBA-006-AOC-011: Hall at 318 - 3rd Fl				LTBA-006-AOC-012: Hall at Elevator- 4th Fl			
Comments (see below)	None				None				None				None			
Lab ID-Version‡:	12693825-1				12693826-1				12693827-1				12693828-1			
Analysis Date:	06/08/2021				06/08/2021				06/08/2021				06/08/2021			
Sample volume (liters)	150				150				150				150			
Background debris (1-4+)††	3+				1+				1+				1+			
	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%
Hyphal fragments	15	100	7	n/a	3	20	7	n/a					7	47	7	n/a
Pollen	4	27	7	n/a									7	47	7	n/a
§ TOTAL FUNGAL SPORES	542	12,000	n/a	100	1,118	25,000	n/a	100	528	13,000	n/a	100	498	12,000	n/a	100
Alternaria	3	20	7	< 1									1	7	7	< 1
Ascospores	3	20	7	< 1	3	20	7	< 1	1	7	7	< 1	5	33	7	< 1
Basidiospores	4	27	7	< 1	2	13	7	< 1	2	13	7	< 1	4	27	7	< 1
Chaetomium	6	40	7	< 1	2	13	7	< 1	1	7	7	< 1				
Cladosporium	76	510	7	4	43	290	7	1	19	130	7	1	47	310	7	3
Curvularia													2	13	7	< 1
Nigrospora	3	20	7	< 1									1	7	7	< 1
Other brown	3	20	7	< 1	1	7	7	< 1								
Other colorless					31	210	7	1	21	140	7	1	1	7	7	< 1
Penicillium/Aspergillus types	425	11,000	27	94	880	23,000	27	94	456	12,000	27	96	430	11,000	27	96
Pithomyces					1	7	7	< 1								
Smuts, Periconia, Myxomycetes	1	7	7	< 1									2	13	7	< 1
Stachybotrys	17	110	7	1	155	1,000	7	4	28	190	7	1	5	33	7	< 1
Torula	1	7	7	< 1												

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

The analytical sensitivity/limit of detection is the Count/m³ divided by the raw count, expressed in Count/m³.

*The detection limit/limit of detection (DL) per cubic meter (m3) has been rounded to two significant figures to reflect analytical precision.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Fungal Spores has been rounded to two significant figures to reflect analytical precision.

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	LTBA-006-AOC-013: Hall at 416- 4th Fl				LTBA-006-AOC-014: Exterior			
Comments (see below)	None				None			
Lab ID-Version‡:	12693829-1				12693830-1			
Analysis Date:	06/08/2021				06/08/2021			
Sample volume (liters)	150				150			
Background debris (1-4+)††	1+				1+			
	raw ct.	Count/m3	DL/m3*	%	raw ct.	Count/m3	DL/m3*	%
Hyphal fragments	7	47	7	n/a	2	13	7	n/a
Pollen	5	33	7	n/a				
§ TOTAL FUNGAL SPORES	429	11,000	n/a	100	97	1,400	n/a	100
Alternaria					3	20	7	1
Ascospores	7	47	7	< 1	10	270	27	19
Basidiospores	4	27	7	< 1	28	750	27	53
Bipolaris/Drechslera group					1	7	7	< 1
Cercospora								
Chaetomium								
Cladosporium	18	120	7	1	51	340	7	24
Curvularia								
Epicoccum								
Other brown	1	7	7	< 1	2	13	7	1
Penicillium/Aspergillus types	394	11,000	27	98	2	13	7	1
Smuts, Periconia, Myxomycetes	1	7	7	< 1				
Stachybotrys	4	27	7	< 1				

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

The analytical sensitivity/limit of detection is the Count/m³ divided by the raw count, expressed in Count/m³.

*The detection limit/limit of detection (DL) per cubic meter (m3) has been rounded to two significant figures to reflect analytical precision.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Fungal Spores has been rounded to two significant figures to reflect analytical precision.

Introduction

Molds are a natural and important part of our environment. They are ubiquitous and are found virtually everywhere. Molds produce tiny spores to reproduce. These spores can be found in both indoor and outdoor air and on indoor and outdoor surfaces. When mold spores land on a damp spot, they may begin growing and digesting whatever they are growing on in order to survive, leading to adverse conditions. In response to increasing public concern, a number of government authorities, including the United States EPA, California Department of Health Services and New York City Department of Health, have developed recommendations and guidelines for assessment and remediation of mold. Websites for these organizations can be found at the end of this report.

While it is generally accepted that molds can be allergenic and can lead to adverse health conditions in susceptible people, unfortunately there are no widely accepted or regulated interpretive standards or numerical guidelines for the interpretation of microbial data. The absence of standards often makes interpretation of microbial data difficult and controversial. This report has been designed to provide some basic interpretive information using certain assumptions and facts that have been extracted from a number of peer reviewed texts, such as the American Conference of Governmental Industrial Hygienists (ACGIH). In the absence of standards, the user must determine the appropriateness and applicability of this report to any given situation. Identification of the presence of a particular fungus in an indoor environment does not necessarily mean that the building occupants are or are not being exposed to antigenic or toxic agents.

None of the information contained herein should be construed as medical advice or a call to action for evacuation or remediation. Only a qualified physician should make any decision relative to medical significance.

EMLab P&K did not conduct the site investigation, provide consulting or collect the samples referenced in this report. EMLab P&K's primary involvement in this project is to provide analytical results for the samples submitted. The data presented in this report are based on the samples and accompanying information provided and represents concentrations at a point in time under the conditions sampled.

EMLab P&K's standard terms and conditions govern all aspects of this report.

Materials

Please refer to the chain of custody included with this report.

Methods

1. Surface Samples – Swab, Dust, Tape and Bulk Samples

Swab, Dust and Tape samples are mounted on a glass slide and observed under a bright field microscope for either Qualitative or Quantitative Examination. A bulk sample is also simultaneously observed under a stereomicroscope to look for signs of any visible discoloration or fungal growth, which is then mounted and observed under a bright field microscope for either Qualitative or Quantitative Examination. The samples are analyzed at a minimum of 200X magnification and up to a 1000X magnification. In the qualitative

examination, the prepared samples are observed for the presence of any structures or skewing of spore distribution that may indicate growth in the sample being analyzed. In the quantitative examination, the mold spores detected in the sample are counted and reported as spores per cm², spores per gram (or 1000mg), or spores per swab/wipe, etc depending on the sample type. These methodologies do not differentiate between viable and non-viable fungal spores.

2. Air Samples- Spore Trap Device

Spore traps are a unique sampling device designed for the rapid collection and analysis of a wide range of airborne particulates, including fungal spores. While analyzing the sample, the analyst takes a number of variables into account to select the proper analytical method to accurately determine the densities of the various spores on the trace. The densities of the debris and the spores on the trace will determine the approach to analyzing the sample. In general, the sample is directly mounted under the microscope and the various airborne particles detected are counted at a minimum of 200X magnification and up to 1000X magnification, with the entire trace (100% of the sample) being analyzed at 200X or 600X. This method does not differentiate between viable and non-viable fungal spores. This technique does not allow for the differentiation between *Aspergillus* and *Penicillium* spores. Additionally, depending on morphology, other non-distinctive spores are reported in categories such as ascospores or basidiospores. All slides are graded with the following debris scale for data qualification.

Debris Rating	Description	Interpretation
None	No particles detected.	No particulates on slide. The absence of particulates could indicate improper sampling as most air samples typically capture some particles.
<1+	Good visibility. A few particles detected.	Reported values are not affected by debris.
1+	Good visibility. No crowding of particles.	
2+	Decent visibility. Particles beginning to crowd.	Non-microbial particulates can mask the presence of fungal spores. As a result, actual values could be higher than the numbers reported. Higher debris ratings increase the probability of this bias.
3+	Decent visibility. Particles beginning to crowd.	
4+	Poor visibility. Particles beginning to overlap.	Excessive debris detected in the sample. Counts reported may vary drastically and actual values could be higher than the numbers reported. The sample should be collected at a shorter time interval, or other measures taken to reduce the collection of non-microbial debris. In addition, a >4+ rating will only allow for a count from the perimeter of the slide.
>4+	Poor visibility. Particles overlapping.	

3. Comments

Comments identify issues or events that are relevant to your analytical results. A comment includes information about any peculiar observation or situation encountered while analyzing the sample. In each case, the comments provide significant information vital to the interpretation of the laboratory data.

4. Data Interpretation

According to ACGIH, "Data from individual sampling episodes is often interpreted with respect to baseline data from other environments or the same environment under anticipated low exposure conditions." In the absence of established acceptable exposure limits, it is often necessary to use a comparison standard when interpreting data. In this instance, it will be necessary to sample the suspect area as well as a non-suspect area.

According to ACGIH, "...active fungal growth in indoor environments is inappropriate and may lead to exposure and adverse health effects."

a. Total Fungal Spores

According to ACGIH, "... differences that can detected with manageable sample sizes are likely to be in 10- fold multiplicative steps (e.g., 100 versus 1000...)". Following this logic, if total fungal spores are ten (10) times greater in the sample from a suspect area than in the negative control sample collected from a non-suspect area, then that sample area may be a fungal amplification site.

b. Mycelial Fragments

Mycelium is a fungal mass that constitutes the vegetative or living body of a fungus. Following the same logic above, if total mycelial fragments are ten (10) times greater in the suspect sample than in the negative control, then the sample area is considered to be a fungal amplification site. The presence of mycelial fragments provides evidence of microbial growth.

c. Mycotoxins

Molds can produce toxic substances called mycotoxins. More than 200 mycotoxins have been identified from common molds, and many more remain to be identified. Some of the molds that are known to produce mycotoxins are commonly found in moisture-damaged buildings. Exposure pathways for mycotoxins can include inhalation, ingestion, or skin contact. Although some mycotoxins are well known to affect humans and have been shown to be responsible for human health effects, for many mycotoxins, little information is available, and in some cases research is ongoing. Some molds can produce several toxins, and some molds produce mycotoxins only under certain environmental conditions. The presence of mold in a building does not necessarily mean that mycotoxins are present or that they are present in large quantities.

d. Water Indicator Molds

Certain authorities identify certain molds whose presence indicates excessive moisture. The presence of a few spores of indicator mold should be interpreted with caution. Additionally, it should be recognized that these named molds are not necessarily the only ones of potential significance.

e. Mold Glossary

Specific characteristics of the individual molds listed in the report are presented in Table 1.








f. Useful Resources






- i. Guidelines on Assessment and Remediation of Fungi in Indoor Environments, New York City Department of Health.
www1.nyc.gov/assets/doh/downloads/pdf/epi/epi-mold-guidelines.pdf
- ii. Facts about Mold, New York City Department of Health.
www1.nyc.gov/assets/doh/downloads/pdf/epi/mold-brochure.pdf

www.emlabpk.com • info@emlabpk.com

- iii. Mold Resources, United States Environmental Protection Agency.
<http://www.epa.gov/mold/moldresources.html>
- iv. Mold in My Home, What do I do? California Department of Health Services.
<http://www.lapublichealth.org/eh/docs/housing/brochure/moldhome.pdf>

Table 1: Summary of Specific Mold Characteristics

Fungi	Environmental Indicator		Typically Found
<i>Alternaria</i>			<i>Alternaria</i> is one of the more common fungi found in nature. It is found growing indoors on a variety of substrates including wallboards, painted walls, etc.
<i>Arthrimum</i>			<i>Arthrimum</i> is a saprobe and is found on plants. It is rarely found growing indoors.
Ascospores			Ascospores are ubiquitous in nature and are commonly found in the outdoor environment. Some fungi that belong to the ascomycete family include the sexual forms of <i>Penicillium/Aspergillus</i> , <i>Chaetomium</i> , etc that may be frequently found growing on damp substrates.
<i>Aureobasidium</i>			<i>Aureobasidium</i> is commonly found in a variety of soils. Indoors, it is commonly found where moisture accumulates, especially bathrooms, and kitchens, on shower curtains, tile grout, windowsills, textiles, and liquid waste materials.
Basidiospores			Basidiospores are Saprophytes and plant pathogens and are commonly found in gardens, forests, and woodlands. They also include organisms that are the agent of "dry rot," and other fungi that cause white and brown wood rot, which may grow and destroy the structural wood of buildings.
<i>Bipolaris/ Dreschlera</i>			<i>Bipolaris</i> and <i>Dreschlera</i> are usually found associated with plant debris, and soil. They are plant pathogens of numerous plants, particularly grasses. <i>Bipolaris</i> and <i>Dreschlera</i> can grow indoors on a variety of substrates.
<i>Botrytis</i>			<i>Botrytis</i> is commonly found in tropical and temperate climates growing on vegetative matter. They may be found indoors in conjugation with indoor plants, fruits and vegetables.
<i>Chaetomium</i>			<i>Chaetomium</i> is often found on materials containing cellulose such as sheetrock paper, or other wet materials.
<i>Cladosporium</i>			<i>Cladosporium</i> is a common outdoor mold. They are commonly found on dead plants, food, textiles, and a variety of other surfaces. Indoors, they can grow on a variety of substrates including textiles, wood, moist windowsills, etc. It can grow at 0°C and is associated with refrigerated foods.
<i>Curvularia</i>			<i>Curvularia</i> is found on plant materials and is considered a saprobe. Indoors, they can grow on a variety of substrates.
<i>Epicoccum</i>			<i>Epicoccum</i> is a saprophyte and considered a weekly parasitic secondary invader of plants. They tend to colonize continuously damp materials such as damp wallboard and fabrics.
<i>Fusarium</i>			<i>Fusarium</i> requires very wet conditions and is frequently isolated from plants and grains. They colonize continuously damp materials such as damp wallboard and water reservoirs for humidifiers and drip pans.

<i>Memmoniella</i>			<i>Memmoniella</i> can be found growing on a variety of cellulose-containing materials.
<i>Nigrospora</i>			<i>Nigrospora</i> is especially abundant in warm climates and is rarely found growing indoors.
<i>Oidium/Peronospora</i>			<i>Oidium</i> and <i>Peronospora</i> are plant pathogens and are not found growing indoors.
<i>Penicillium/Aspergillus</i>			<i>Penicillium</i> and <i>Aspergillus</i> are ubiquitous in environment. <i>Aspergillus</i> tends to colonize continuously damp materials such as damp wallboard and fabrics. <i>Penicillium</i> is commonly found in house dusts, wallpaper, decaying fabrics, moist clipboards, etc.
<i>Pithomyces/Ulocladium</i>			<i>Pithomyces</i> is commonly found on grass and decaying plant material and are rarely found growing indoors. <i>Ulocladium</i> has a high water requirement and therefore colonizes continuously damp materials such as damp wallboard and fabrics.
Rusts			Rusts are plant pathogens and only grow on host plants.
Smuts/Periconial/Myxomycetes			Smuts and Myxomycetes are parasitic plant pathogens that require a living host. Smuts do not usually grow indoors. <i>Periconia</i> are rarely found growing indoors. Myxomycetes are occasionally found indoors, but rarely growing.
<i>Stachybotrys</i>			<i>Stachybotrys</i> are commonly found indoors on wet materials containing cellulose, such as wallboard, jute, wicker, straw baskets, and other paper materials.
<i>Stemphylium</i>			<i>Stemphylium</i> is either parasitic or saprophytic and is rarely found growing indoors.
<i>Torula</i>			<i>Torula</i> can grow indoors on cellulose containing materials such as wallboard, jute, wicker, straw baskets, and other paper materials.
Other brown/colorless			An uncharacteristic fungal spore that does not lend itself to classification via direct microscopy.



Potential Water Intrusion/Indicator Mold Capable of Mycotoxin Production



Potential Water Intrusion/Indicator Mold

Quality Programs

The EMLab P&K's laboratory network is staffed with highly trained analysts, the majority of which hold advanced degrees. The reliability of test results depends on many factors such as the personnel performing the tests, environmental conditions, selection and validation of test methods, equipment functioning, as well as the sampling, storage and handling of test items, all of which are a reflection of the overall quality system of the laboratory.

EMLab P&K has modeled its quality system after ISO 17025, General Requirements for the Competence of Testing and Calibration Laboratories, one of the most stringent sets of standards in the industry, to ensure that its customers receive the highest standard of accuracy, reliability, and impartiality that they have come to expect from the leader in the environmental industry. EMLab P&K's laboratories adherence to the standards set forth in ISO 17025 has been validated and formally recognized through accreditations granted by an independent outside agency, American Industrial Hygiene Association Laboratory Accreditation Program, LLC (AIHA-LAP, LLC), on a site by site basis. As an additional measure to demonstrate its competency to perform the analyses it offers to its clients, EMLab P&K laboratories

also participate in a variety of different proficiency testing programs, including the Environmental Microbiology Proficiency Analytical Testing Program (EMPAT) sponsored by the American Industrial Hygiene Association Proficiency Analytical Testing Programs.

As part of our continuous commitment to excellence, EMLab P&K laboratories are also inspected, licensed and/or accredited by a number of governmental agencies and independent associations in addition to those already mentioned above. The scope of services, accreditation certificates, and proficiency results can all be accessed at www.emlabpk.com.

References

1. Bioaerosols: Assessment and Control. Janet Macher, Ed., American Conference of Government Industrial Hygienists, Cincinnati, OH (1999).
2. EPA: The Inside Story. A Guide to Indoor Air Quality, United States Environmental Protection Agency and the United States Consumer Product Safety Commission, Washington DC (1995).
3. Health Canada: Exposure Guidelines for Residential Indoor Air Quality. Environmental Health Directorate. Health Protection Branch, Health Canada, Ottawa, Ontario (1989).
4. IIRC: Standard and Reference Guide for Professional Water Damage Restoration, 2nd Ed. Institute of Inspection, Cleaning and Restoration, Vancouver, WA (1999).
5. Field Guide for the Determination of Biological Contaminants in Environmental Samples. American Industrial Hygiene Association, Fairfax, VA (1996).
6. Standards of Practice for the Assessment of Indoor Environmental Quality, Volume I: Mold Sampling, Assessment of Mold Contamination. Indoor Environmental Standards Organization (2002).

Client: Leaf Environmental, LLC

C/O: Ms. Madeline Dickson

Re: LTBA-006; 411 East Landry St., Opelousas LA
70570

Date of Sampling: 06-02-2021

Date of Receipt: 06-04-2021

Date of Report: 06-08-2021

MoldRANGE™, Local Climate; Extended Outdoor Comparison**Outdoor Location: LTBA-006-AOC-001, Exterior**

Fungi Identified	Outdoor data	Typical Outdoor Data for: June in South† EMLab Regional Climate code¹ B Annual Temp, B Elev., A Rain, B Temp. Range (n‡=483)						Typical Outdoor Data for: The entire year in South† EMLab Regional Climate code¹ B Annual Temp, B Elev., A Rain, B Temp. Range (n‡=7869)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Project zip code 70570	spores/m3												
Generally able to grow indoors*													
Alternaria	-	13	13	53	110	170	54	13	13	33	93	160	46
Bipolaris/Drechslera group	-	7	7	13	51	80	31	7	13	20	53	80	29
Chaetomium	7	7	7	13	13	57	6	7	13	13	40	81	8
Cladosporium	87	110	260	910	2,700	4,100	94	86	160	680	2,400	4,500	94
Curvularia	7	11	13	29	80	160	52	13	13	40	130	270	47
Epicoccum	-	7	13	27	67	110	29	7	13	27	53	93	24
Nigrospora	-	7	13	20	53	84	27	7	13	29	80	130	39
Other brown	7	7	13	20	51	67	22	7	13	20	53	80	25
Other colorless	-	7	7	29	78	85	5	7	10	20	80	180	6
Penicillium/Aspergillus types	20	53	98	360	960	1,700	69	53	100	320	960	1,800	77
Pithomyces	-	7	7	20	53	69	18	7	13	27	53	99	18
Polythrincium	7	-	-	-	-	-	3	7	7	13	33	57	3
Stachybotrys	-	-	-	-	-	-	1	7	13	20	57	120	2
Torula	-	7	7	26	53	74	15	7	13	20	53	80	12
Seldom found growing indoors**													
Ascospores	560	110	200	530	1,800	3,600	96	53	110	370	1,500	3,000	91
Basidiospores	1,800	110	320	1,500	5,700	13,000	99	87	170	750	3,800	8,600	97
Cercospora	33	7	13	27	60	80	36	13	13	40	110	180	32
Pyricularia	7	13	13	27	59	100	21	7	13	27	80	140	10
Rusts	-	7	7	13	21	33	9	7	7	13	40	57	11
Smuts, Periconia, Myxomycetes	7	13	27	57	170	290	77	13	27	53	160	270	72
§ TOTAL SPORES/m3	2,600												

Client: Leaf Environmental, LLC

C/O: Ms. Madeline Dickson

Re: LTBA-006; 411 East Landry St., Opelousas LA
70570

Date of Sampling: 06-02-2021

Date of Receipt: 06-04-2021

Date of Report: 06-08-2021

MoldRANGE™, Local Climate; Extended Outdoor Comparison**Outdoor Location: LTBA-006-AOC-014, Exterior**

Fungi Identified	Outdoor data	Typical Outdoor Data for: June in South† EMLab Regional Climate code¹ B Annual Temp, B Elev., A Rain, B Temp. Range (n‡=483)						Typical Outdoor Data for: The entire year in South† EMLab Regional Climate code¹ B Annual Temp, B Elev., A Rain, B Temp. Range (n‡=7869)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Project zip code 70570	spores/m3												
Generally able to grow indoors*													
Alternaria	20	13	13	53	110	170	54	13	13	33	93	160	46
Bipolaris/Drechslera group	7	7	7	13	51	80	31	7	13	20	53	80	29
Chaetomium	-	7	7	13	13	57	6	7	13	13	40	81	8
Cladosporium	340	110	260	910	2,700	4,100	94	86	160	680	2,400	4,500	94
Curvularia	-	11	13	29	80	160	52	13	13	40	130	270	47
Epicoccum	-	7	13	27	67	110	29	7	13	27	53	93	24
Nigrospora	-	7	13	20	53	84	27	7	13	29	80	130	39
Other brown	13	7	13	20	51	67	22	7	13	20	53	80	25
Other colorless	-	7	7	29	78	85	5	7	10	20	80	180	6
Penicillium/Aspergillus types	13	53	98	360	960	1,700	69	53	100	320	960	1,800	77
Pithomyces	-	7	7	20	53	69	18	7	13	27	53	99	18
Polythrincium	-	-	-	-	-	-	3	7	7	13	33	57	3
Stachybotrys	-	-	-	-	-	-	1	7	13	20	57	120	2
Torula	-	7	7	26	53	74	15	7	13	20	53	80	12
Seldom found growing indoors**													
Ascospores	270	110	200	530	1,800	3,600	96	53	110	370	1,500	3,000	91
Basidiospores	750	110	320	1,500	5,700	13,000	99	87	170	750	3,800	8,600	97
Cercospora	-	7	13	27	60	80	36	13	13	40	110	180	32
Pyricularia	-	13	13	27	59	100	21	7	13	27	80	140	10
Rusts	-	7	7	13	21	33	9	7	7	13	40	57	11
Smuts, Periconia, Myxomycetes	-	13	27	57	170	290	77	13	27	53	160	270	72
§ TOTAL SPORES/m3	1,400												

Client: Leaf Environmental, LLC

C/O: Ms. Madeline Dickson

Re: LTBA-006; 411 East Landry St., Opelousas LA
70570

Date of Sampling: 06-02-2021

Date of Receipt: 06-04-2021

Date of Report: 06-08-2021

MoldRANGE™, Local Climate; Extended Outdoor Comparison

¶EMLab Regional Climate codes are a climate classification scheme for regional geographic areas containing multiple states. The MoldRANGE™ Local Climate report uses the sampling location zip code to identify the EMLab Regional Climate code in that area. Using information available from the NOAA weather database, the EMLab Regional Climate code sharpens the precision of the MoldRANGE™ reporting system, providing more reliable estimates of the range and average concentrations of the different airborne fungal spore types for each region. Additional information on the EMLab Regional Climate code system can be found on the last page of this report.

‡The Typical Outdoor Data represents the typical outdoor spore levels across the region's group of states for the time period and EMLab Regional Climate code indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m³. These values are updated periodically and if not enough data is available to make a statistically meaningful assessment, it is indicated with a dash.

‡ n is the sample size used to calculate the MoldRANGE™ Local Climate data summarized in the table.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

§ Total Spores/m³ has been rounded to two significant figures to reflect analytical precision.

Client: Leaf Environmental, LLC

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70570

Date of Sampling: 06-02-2021

Date of Receipt: 06-04-2021

Date of Report: 06-08-2021

Understanding EMLab Regional Climate Codes

Outdoor airborne spore concentrations are strongly influenced by climate and weather patterns, often resulting in pronounced seasonal and diurnal cycles (Burge 1995). The seasonal climatic changes directly affect the growth cycle of plants, thereby influencing fungal growth, spore maturation, and release cycles. By evaluating outdoor spore concentrations across similar climatic zones rather than for the state as a whole, it is possible to provide a more representative estimate of typical outdoor spore levels and frequency of occurrence for different airborne fungal spore types in a given area.

The EMLab Regional Climate code system is a novel classification system that uses data from the NOAA - National Oceanic and Atmospheric Administration database to define unique climate zones. The following climate variables, for each regional zip code, are obtained from NOAA and assigned a letter code of A (above the regional average for that variable) or B (below the regional average for that variable):

1. Annual High Temperature
2. Elevation
3. Rainfall/Precipitation
4. Monthly Temperature Range

The result is a 4-character code assigned to each statewide zip code, referred to as the Regional Climate Code. Below are some examples of decoded Regional Climate Codes:

AAAA = Above avg. Annual High Temperature, Above avg. Elevation, Above avg. Rainfall/Precipitation, Above avg. Monthly Temperature Range

AABB = Above avg. Annual High Temperature, Above avg. Elevation, Below avg. Rainfall/Precipitation, Below avg. Monthly Temperature Range

BBA = Below avg. Annual High Temperature, Below avg. Elevation, Above avg. Rainfall/Precipitation, Above avg. Monthly Temperature Range

The actual outdoor air sample data from matching regional climate codes in each group of states are then compiled in a manner relating typical spore concentrations and frequency of occurrence.

The data presented in this report is from the South Region which includes the states of: AR, KS, LA, MS, OK, and TX

The NOAA regional climate variables were selected by mapping data points from a subset of approximately 145,000 weather and geographic database entries to over 80,000 outdoor spore trap samples with known zip codes and assessing them using orthogonal array experimental design techniques. The results were then compared to the typical ranges of spore types found when grouping zip codes using the Koppen-Geiger climatic classification system; a commonly used climatic system that provides an objective numerical definition in terms of climatic elements such as temperature, rainfall, and other seasonal characteristics. The EMLab Regional Climate codes showed improved granularity and refinement of the zip code groupings, implying a better representation of the expected range of spore types to be found within an individual zip code.

The values on this report were calculated by obtaining the four variables listed above from the over 585 million data points of weather and geographic information available in the NOAA database, and determining the frequencies and percentile values of spore types by utilizing over 180,000 Eurofins EMLab P&K outdoor spore trap samples with known zip codes.

This report groups regional zip codes in relation to these EMLab Regional Climate codes and summarizes MoldRANGE™ data by month and year within each EMLab Regional Climate code.

References:

Burge, Harriet, A. Bioaerosols: Boca Raton: Lewis Publishers, pp. 163-171, 1995.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by Eurofins EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, Eurofins EMLab P&K may not have received and tested a representative number of samples for every region or time period. Eurofins EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: LTBA-006-AOC-001: Exterior

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Ascospores				560	13 - 270 - 6,300	76
Basidiospores				1,800	20 - 480 - 24,000	90
Cercospora				33	7 - 40 - 600	13
Chaetomium				7	7 - 13 - 130	10
Cladosporium				87	27 - 480 - 8,300	88
Curvularia				7	7 - 27 - 680	18
Other brown				7	7 - 22 - 160	27
Penicillium/Aspergillus types				20	13 - 210 - 2,800	64
Polythrincium				7	7 - 20 - 190	3
Pyricularia				7	7 - 20 - 310	5
Smuts, Periconia, Myxomycetes				7	7 - 53 - 1,100	67
Total				2,600		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: LTBA-006-AOC-002: Activity Rm.- 1st Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 168%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7059	dF: 11 Result: 0.8159 Critical value: 0.5273 Outside Similar: Yes	Score: 281 Result: High
Species Detected	Spores/m3			
	<100	1K	10K	>100K
Ascospores				210
Basidiospores				130
Cercospora				13
Cladosporium				2,200
Penicillium/Aspergillus types				1,700
Smuts, Periconia, Myxomycetes				20
Total				4,300

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-003: Dining Rm.- 1st Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 140%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7778	dF: 11 Result: 0.8705 Critical value: 0.5273 Outside Similar: Yes	Score: 186 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					320
Basidiospores					2,300
Cercospora					20
Cladosporium					310
Penicillium/Aspergillus types					590
Pyricularia					20
Smuts, Periconia, Myxomycetes					13
Total					3,600

Location: LTBA-006-AOC-004: Kitchen - 1st Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 127%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7368	dF: 12 Result: 0.5524 Critical value: 0.4965 Outside Similar: Yes	Score: 266 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					530
Basidiospores					610
Cercospora					13
Cladosporium					520
Other colorless					550
Penicillium/Aspergillus types					1,000
Pyricularia					7
Smuts, Periconia, Myxomycetes					7
Total					3,300

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-005: Hall at 217 - 2nd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 87%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7000	dF: 13 Result: 0.5769 Critical value: 0.4780 Outside Similar: Yes	Score: 235 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					250
Basidiospores					87
Cercospora					7
Cladosporium					830
Epicoccum					7
Nigrospora					13
Other brown					13
Penicillium/Aspergillus types					1,000
Smuts, Periconia, Myxomycetes					13
Total					2,200

Location: LTBA-006-AOC-006: Hall at Elevator- 2nd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 65%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6000	dF: 14 Result: 0.5176 Critical value: 0.4593 Outside Similar: Yes	Score: 211 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					13
Ascospores					170
Basidiospores					33
Cercospora					7
Cladosporium					630
Nigrospora					7
Penicillium/Aspergillus types					780
Smuts, Periconia, Myxomycetes					13
Stachybotrys					7
Total					1,700

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-007: Hall at 204 -2nd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 56%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6667	dF: 14 Result: 0.4571 Critical value: 0.4593 Outside Similar: No	Score: 201 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					7
Ascospores					320
Basidiospores					53
Chaetomium					7
Cladosporium					290
Other brown					7
Other colorless					27
Penicillium/Aspergillus types					690
Smuts, Periconia, Myxomycetes					33
Stachybotrys					7
Total					1,400

Location: LTBA-006-AOC-008: Hall at 404 - 4th Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 51%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6667	dF: 12 Result: 0.5857 Critical value: 0.4965 Outside Similar: Yes	Score: 220 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					60
Basidiospores					33
Chaetomium					13
Cladosporium					330
Other brown					7
Penicillium/Aspergillus types					850
Stachybotrys					7
Total					1,300

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-009: Hall at 302- 3rd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 463%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6364	dF: 15 Result: 0.2054 Critical value: 0.4429 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					20
Ascospores					20
Basidiospores					27
Chaetomium					40
Cladosporium					510
Nigrospora					20
Other brown					20
Penicillium/Aspergillus types					11,000
Smuts, Periconia, Myxomycetes					7
Stachybotrys					110
Torula					7
Total					12,000

Location: LTBA-006-AOC-010: Hall at Elevator- 3rd Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 966%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6000	dF: 14 Result: 0.1330 Critical value: 0.4593 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					20
Basidiospores					13
Chaetomium					13
Cladosporium					290
Other brown					7
Other colorless					210
Penicillium/Aspergillus types					23,000
Pithomyces					7
Stachybotrys					1,000
Total					25,000

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-011: Hall at 318 - 3rd Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 491%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5556	dF: 13 Result: 0.1209 Critical value: 0.4780 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					7
Basidiospores					13
Chaetomium					7
Cladosporium					130
Other colorless					140
Penicillium/Aspergillus types					12,000
Stachybotrys					190
Total					13,000

Location: LTBA-006-AOC-012: Hall at Elevator- 4th Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 450%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5714	dF: 15 Result: 0.3464 Critical value: 0.4429 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					7
Ascospores					33
Basidiospores					27
Cladosporium					310
Curvularia					13
Nigrospora					7
Other colorless					7
Penicillium/Aspergillus types					11,000
Smuts, Periconia, Myxomycetes					13
Stachybotrys					33
Total					12,000

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-013: Hall at 416- 4th Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 441%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6667	dF: 12 Result: 0.5122 Critical value: 0.4965 Outside Similar: Yes	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					
Basidiospores					
Cladosporium					
Other brown					
Penicillium/Aspergillus types					
Smuts, Periconia, Myxomycetes					
Stachybotrys					
Total					

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. Eurofins EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by Eurofins EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. Eurofins EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: LTBA-006-AOC-014: Exterior

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				20	7 - 33 - 400	40
Ascospores				270	13 - 270 - 6,300	76
Basidiospores				750	20 - 480 - 24,000	90
Bipolaris/Drechslera group				7	7 - 13 - 210	14
Cladosporium				340	27 - 480 - 8,300	88
Other brown				13	7 - 22 - 160	27
Penicillium/Aspergillus types				13	13 - 210 - 2,800	64
Smuts, Periconia, Myxomycetes				< 7	7 - 53 - 1,100	67
Total				1,400		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: LTBA-006-AOC-002: Activity Rm.- 1st Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 302%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6154	dF: 9 Result: 0.4667 Critical value: 0.5833 Outside Similar: No	Score: 282 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					210
Basidiospores					130
Cercospora					13
Cladosporium					2,200
Penicillium/Aspergillus types					1,700
Smuts, Periconia, Myxomycetes					20
Total					4,300

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-003: Dining Rm.- 1st Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 252%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5714	dF: 10 Result: 0.4788 Critical value: 0.5515 Outside Similar: No	Score: 252 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					320
Basidiospores					2,300
Cercospora					20
Cladosporium					310
Penicillium/Aspergillus types					590
Pyricularia					20
Smuts, Periconia, Myxomycetes					13
Total					3,600

Location: LTBA-006-AOC-004: Kitchen - 1st Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 229%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5333	dF: 11 Result: 0.2773 Critical value: 0.5273 Outside Similar: No	Score: 266 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					530
Basidiospores					610
Cercospora					13
Cladosporium					520
Other colorless					550
Penicillium/Aspergillus types					1,000
Pyricularia					7
Smuts, Periconia, Myxomycetes					7
Total					3,300

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-005: Hall at 217 - 2nd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 157%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6250	dF: 11 Result: 0.4977 Critical value: 0.5273 Outside Similar: No	Score: 236 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					250
Basidiospores					87
Cercospora					7
Cladosporium					830
Epicoccum					7
Nigrospora					13
Other brown					13
Penicillium/Aspergillus types					1,000
Smuts, Periconia, Myxomycetes					13
Total					2,200

Location: LTBA-006-AOC-006: Hall at Elevator- 2nd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 117%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6250	dF: 11 Result: 0.5841 Critical value: 0.5273 Outside Similar: Yes	Score: 212 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					13
Ascospores					170
Basidiospores					33
Cercospora					7
Cladosporium					630
Nigrospora					7
Penicillium/Aspergillus types					780
Smuts, Periconia, Myxomycetes					13
Stachybotrys					7
Total					1,700

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-007: Hall at 204 -2nd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 101%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7059	dF: 11 Result: 0.4955 Critical value: 0.5273 Outside Similar: No	Score: 201 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					7
Ascospores					320
Basidiospores					53
Chaetomium					7
Cladosporium					290
Other brown					7
Other colorless					27
Penicillium/Aspergillus types					690
Smuts, Periconia, Myxomycetes					33
Stachybotrys					7
Total					1,400

Location: LTBA-006-AOC-008: Hall at 404 - 4th Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 92%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7143	dF: 9 Result: 0.4250 Critical value: 0.5833 Outside Similar: No	Score: 220 Result: Medium	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					60
Basidiospores					33
Chaetomium					13
Cladosporium					330
Other brown					7
Penicillium/Aspergillus types					850
Stachybotrys					7
Total					1,300

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-009: Hall at 302- 3rd Fl.

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 833%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6667	dF: 12 Result: 0.3374 Critical value: 0.4965 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					20
Ascospores					20
Basidiospores					27
Chaetomium					40
Cladosporium					510
Nigrospora					20
Other brown					20
Penicillium/Aspergillus types					11,000
Smuts, Periconia, Myxomycetes					7
Stachybotrys					110
Torula					7
Total					12,000

Location: LTBA-006-AOC-010: Hall at Elevator- 3rd Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 1738%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.6250	dF: 11 Result: 0.0205 Critical value: 0.5273 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					20
Basidiospores					13
Chaetomium					13
Cladosporium					290
Other brown					7
Other colorless					210
Penicillium/Aspergillus types					23,000
Pithomyces					7
Stachybotrys					1,000
Total					25,000

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
 Date of Receipt: 06-04-2021
 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-011: Hall at 318 - 3rd Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 883%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5714	dF: 10 Result: -0.1212 Critical value: 0.5515 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					7
Basidiospores					13
Chaetomium					7
Cladosporium					130
Other colorless					140
Penicillium/Aspergillus types					12,000
Stachybotrys					190
Total					13,000

Location: LTBA-006-AOC-012: Hall at Elevator- 4th Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 810%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5882	dF: 12 Result: 0.3479 Critical value: 0.4965 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					7
Ascospores					33
Basidiospores					27
Cladosporium					310
Curvularia					13
Nigrospora					7
Other colorless					7
Penicillium/Aspergillus types					11,000
Smuts, Periconia, Myxomycetes					13
Stachybotrys					33
Total					12,000

Client: Leaf Environmental, LLC
 C/O: Ms. Madeline Dickson
 Re: LTBA-006; 411 East Landry St., Opelousas LA 70570

Date of Sampling: 06-02-2021
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 Date of Report: 06-08-2021

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: LTBA-006-AOC-013: Hall at 416- 4th Fl

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 795%	dF: 11 Result: 7.0023 Critical value: 19.6752 Inside Similar: Yes	Result: 0.7143	dF: 9 Result: 0.3667 Critical value: 0.5833 Outside Similar: No	Score: 300 Result: High	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					47
Basidiospores					27
Cladosporium					120
Other brown					7
Penicillium/Aspergillus types					11,000
Smuts, Periconia, Myxomycetes					7
Stachybotrys					27
Total					11,000

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

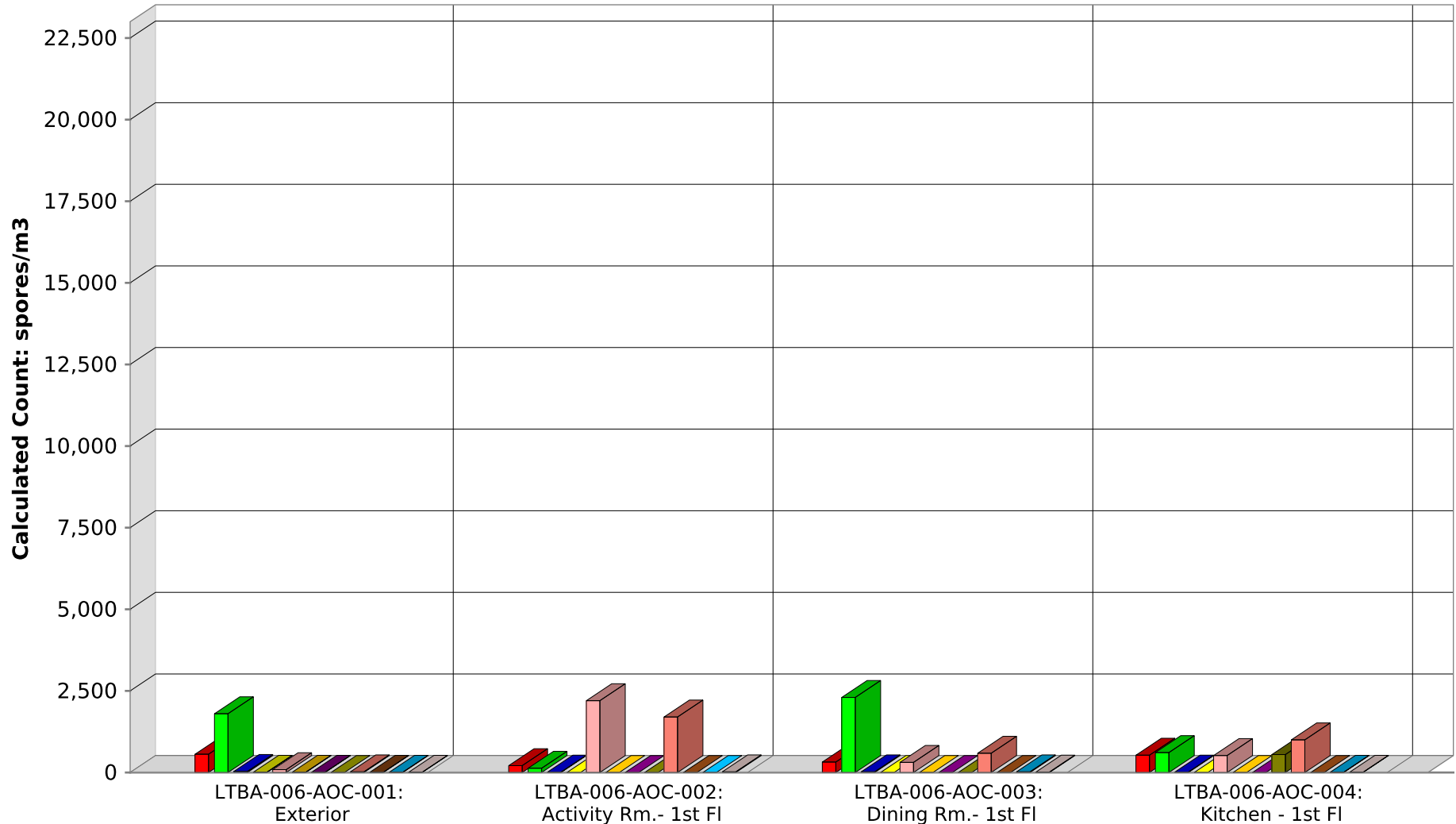
*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. Eurofins EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by Eurofins EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. Eurofins EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

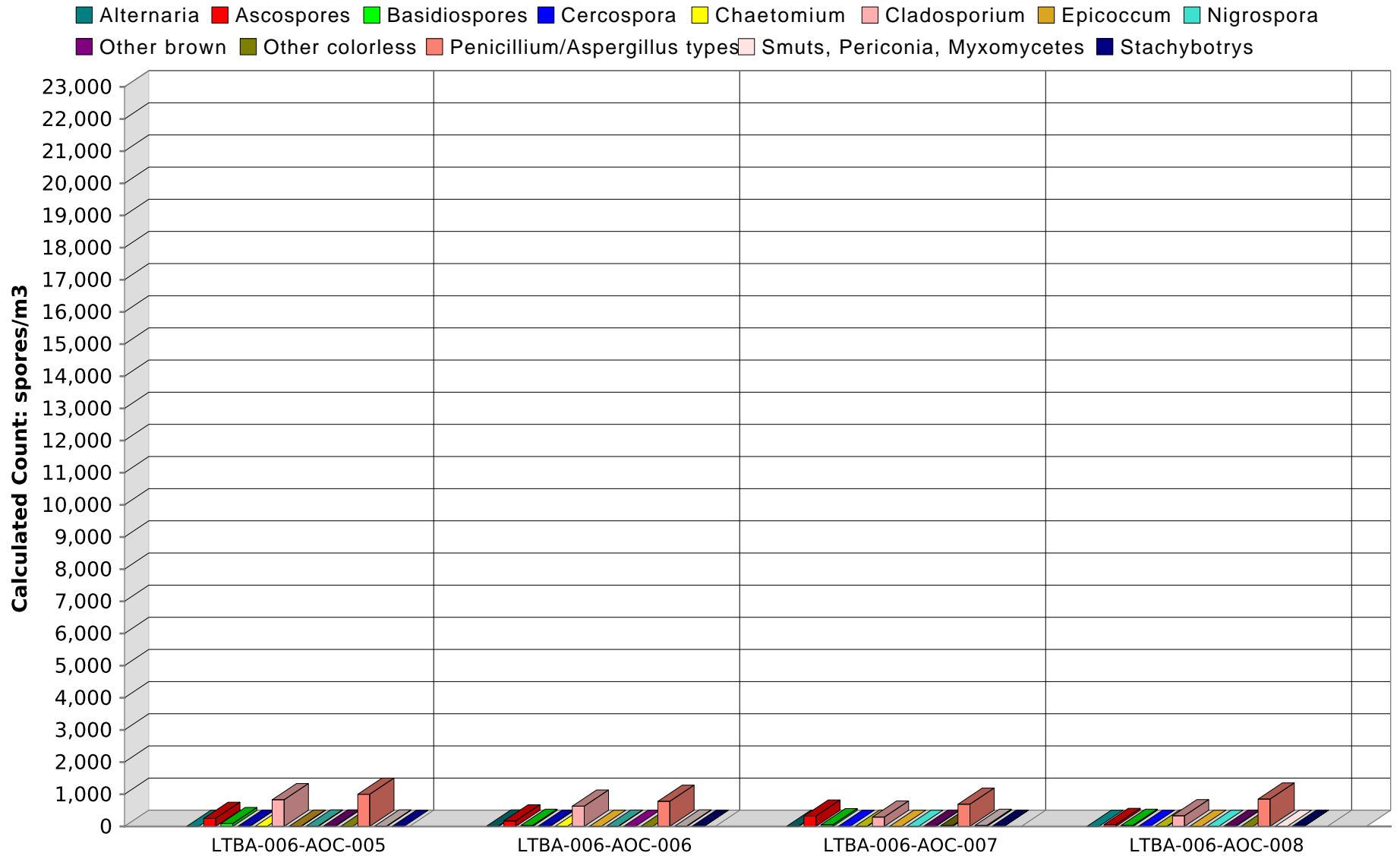
- Ascospores ■ Basidiospores ■ Cercospora ■ Chaetomium ■ Cladosporium ■ Curvularia ■ Other brown ■ Other colorless
- Penicillium/Aspergillus types ■ Polythrincium ■ Pyricularia ■ Smuts, Periconia, Myxomycetes



Comments:

Note: Graphical output may understate the importance of certain "marker" genera.
 Eurofins EPK Built Environment Testing, LLC

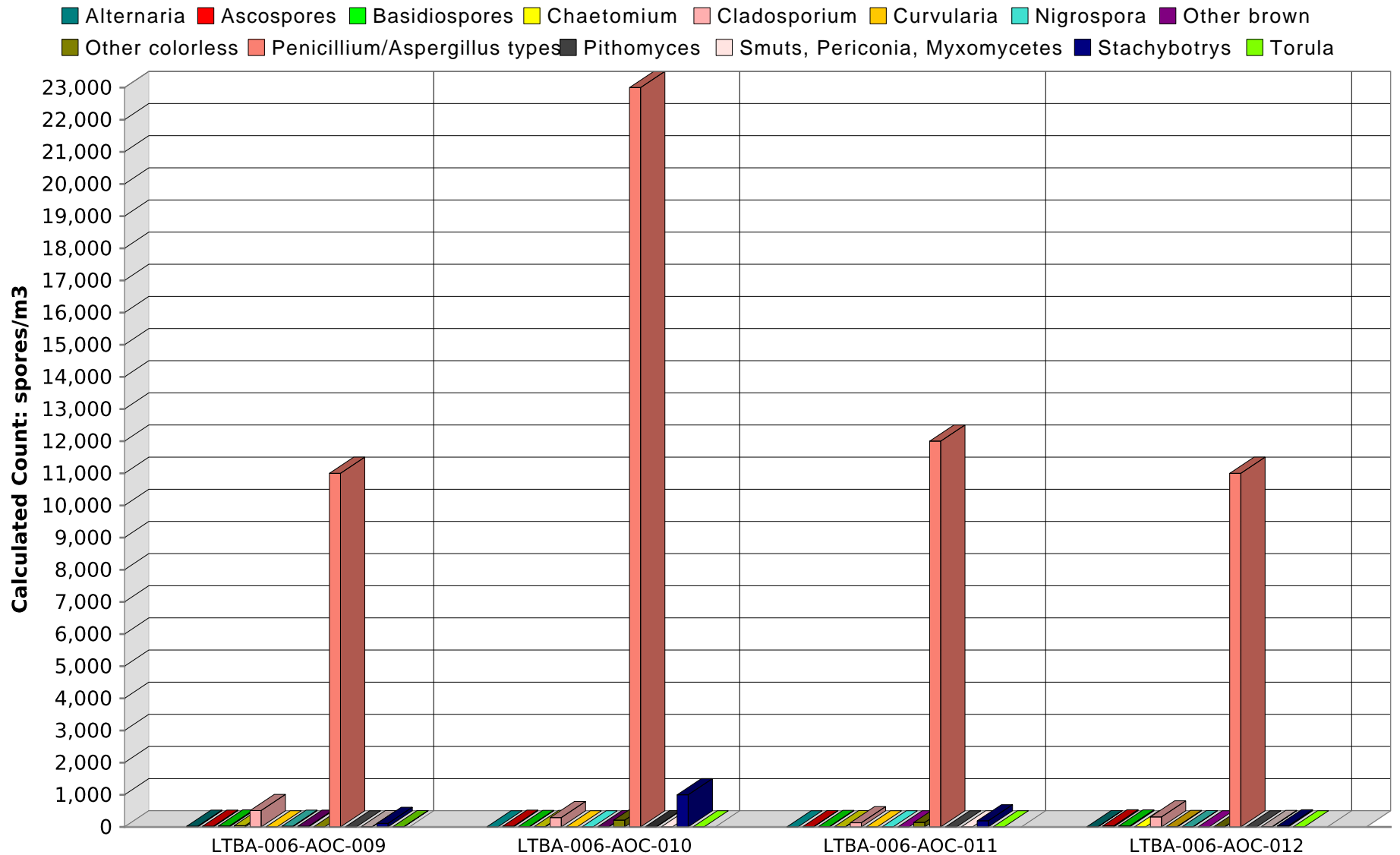
SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments:

Note: Graphical output may understate the importance of certain "marker" genera.
Eurofins EPK Built Environment Testing, LLC

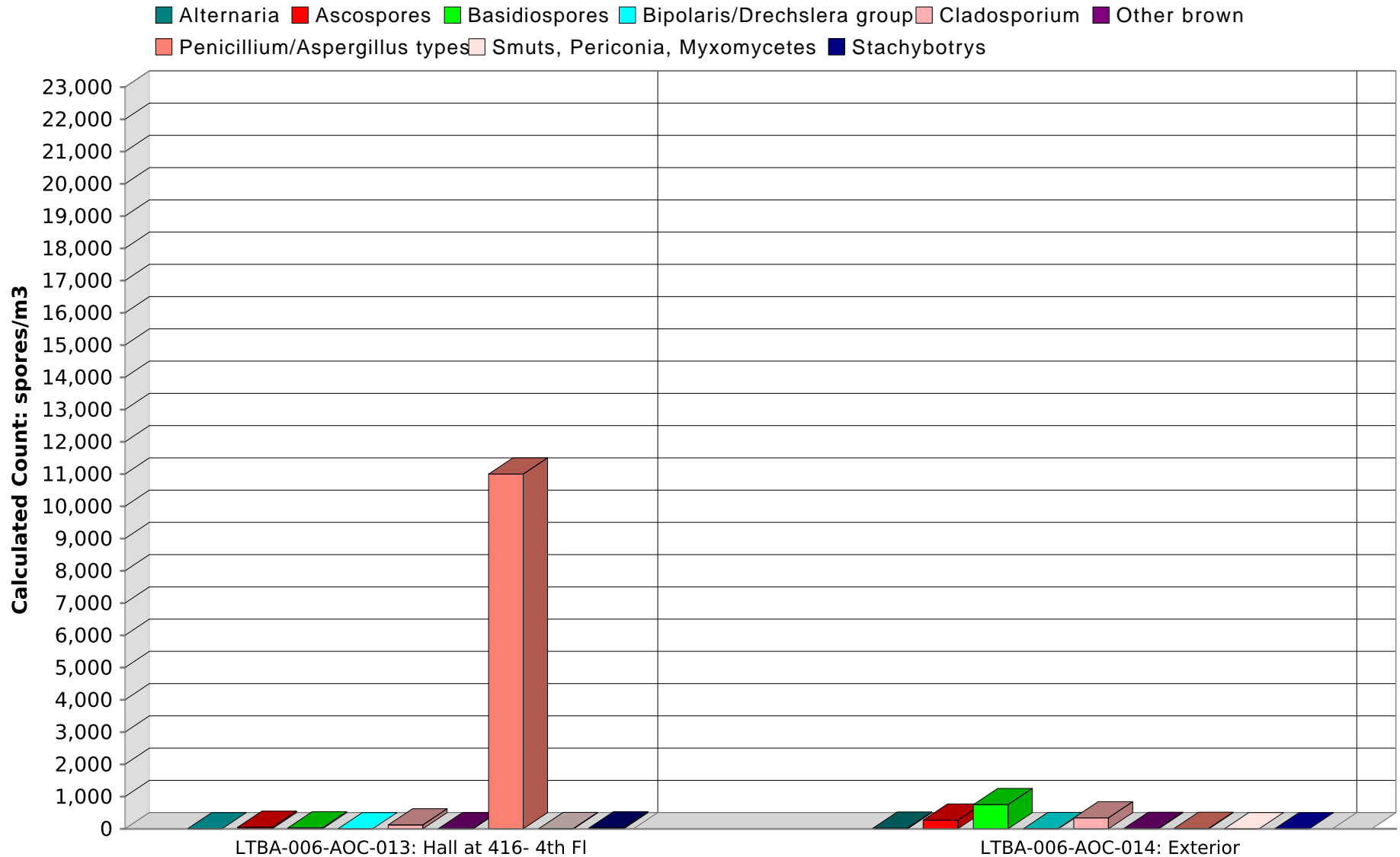
SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments:

Note: Graphical output may understate the importance of certain "marker" genera.
 Eurofins EPK Built Environment Testing, LLC

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments:

Note: Graphical output may understate the importance of certain "marker" genera.
Eurofins EPK Built Environment Testing, LLC



Mold Chain of Custody



002656526

Project Name	New Life Center Phase II	Project #	LTBA-006
Address	411 East Landry St., Opelousas, LA 70570		
Leaaf Contact	Madeline Dickson	Email	mdickson@leaaf.com ssicotte@leaaf.com
Sample By	Suzanne Sicotte	Sample Date	6-2-21

Turnaround	<input checked="" type="checkbox"/> Standard (48 hr) <input type="checkbox"/> Next Business Day (24 hr) <input type="checkbox"/> Other _____
Analysis	<input checked="" type="checkbox"/> Fungi – Spore Trap Analysis <input checked="" type="checkbox"/> Quantitative Spore Count Direct Exam

AIR SAMPLES		
Sample #	Description	Volume/Area
LTBA-006-AOC-001	Exterior @ Side entrance	150 L
LTBA-006-AOC-002	Activity Rm. - 1st Fl	150 L
LTBA-006-AOC-003	Dining Rm. - 1st Fl	150 L
LTBA-006-AOC-004	Kitchen - 1st Fl	150 L
LTBA-006-AOC-005	Hall @ 217 - 2nd Fl.	150 L
LTBA-006-AOC-006	Hall @ Glaxo - 2nd Fl.	150 L
LTBA-006-AOC-007	Hall @ 204 - 2nd Fl	150 L
LTBA-006-AOC-008	Hall @ 404 - 4th Fl.	150 L
LTBA-006-AOC-009	Hall @ 302 - 3rd Fl.	150 L
LTBA-006-AOC-010	Hall @ Elevator - 3rd Fl	150 L
LTBA-006-AOC-011	Hall @ 318 - 3rd Fl	150 L
LTBA-006-AOC-012	Hall @ Elevator - 4th Fl	150 L
LTBA-006-AOC-013	Hall @ 416 - 4th Fl	150 L
LTBA-006-AOC-014	Exterior @	150 L

SWAB SAMPLES		
Sample #	Description	Volume/Area
LTBA-006-SWB-001	Activity Rm. Door - 1st Fl	1 in ²
LTBA-006-SWB-002	Dining Rm. wall - 1st Fl	1 in ²
LTBA-006-SWB-003	Kitchen wall column - 1st Fl	1 in ²
LTBA-006-SWB-004	Basement wall	1 in ²
LTBA-006-SWB-005	Basement wall	1 in ²
LTBA-006-SWB-006	Basement Bathroom wall	1 in ²
LTBA-006-SWB-007	201 wall - 2nd Fl	1 in ²
LTBA-006-SWB-008	Hall wall @ 218 - 2nd Fl.	1 in ²
LTBA-006-SWB-009	Hall HVAC Supply Reg. - 2nd Fl (@ 217)	1 in ²
LTBA-006-SWB-010	311 wall - 3rd Fl	1 in ²
LTBA-006-SWB-011	Hall wall @ 313 - 3rd Fl	1 in ²
LTBA-006-SWB-012	313 Ceiling - 3rd Fl	1 in ²
LTBA-006-SWB-013	Elevator Door - 4th Fl	1 in ²
LTBA-006-SWB-014	404 Door - 4th Fl	1 in ²
LTBA-006-SWB-015	410 wall - 4th Fl	1 in ²

Receiving Laboratory	Address	Phone Number
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Released By	Date / Time	Received By	Date / Time
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APPENDIX F

PCB DATA

PCB Photographs

Photographs of Potential PCB-Containing Pool Caulk
New Life Center
Opelousas, LA

Photographs detailing site condition of former swimming pool.



APPENDIX G

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