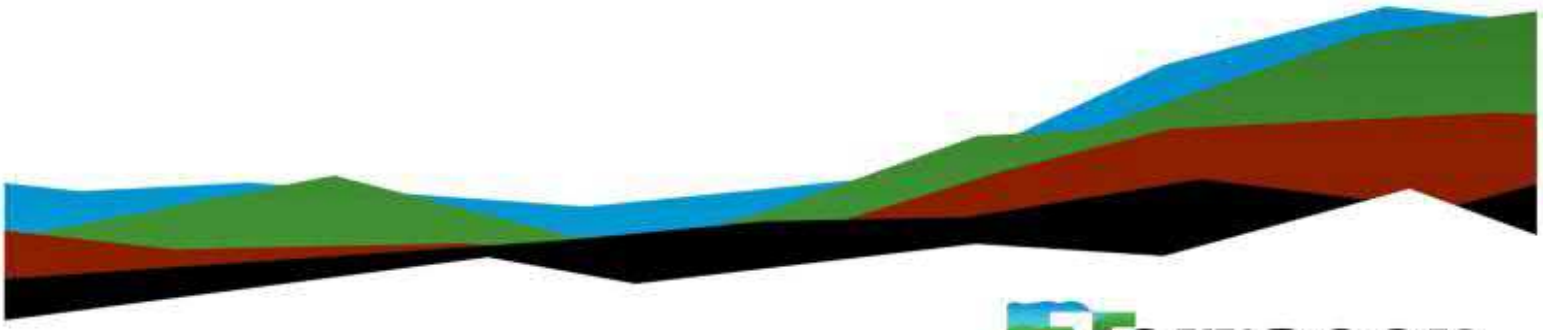
Soil Remediation Summary Report

Sam Houston Middle School
2232 Sussex Drive
Garland, Texas 75041

September 12, 2022 | Project No. 95217460A

Prepared for:

Garland Independent School District
701 North 1st Street
Garland, Texas 75040



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September 12, 2022

Garland Independent School District
701 North 1st Street
Garland, Texas 75040

Attn: Mr. Javier Fernandez, RTSBA - Director, Facilities Planning and Construction Services
P (972)-487-4144
E pfernandez@garlandisd.net

RE: Soil Remediation Summary Report
Sam Houston Middle School
2232 Sussex Drive
Garland, Texas 75041
Terracon Project No. 95217460A

Dear Mr. Fernandez:

Terracon Consultants, Inc. (Terracon) is pleased to submit our report of soil remediation activities completed at the site referenced above. Terracon conducted these services in general accordance with our proposal (P95227193), dated April 22, 2022, revised May 6, 2022.

Terracon appreciates this opportunity to provide environmental consulting services to Garland ISD. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Terracon

For: Taryn Smith
Staff Geologist

R. Wade Watkins, CHMM
Group Manager

STATE OF TEXAS
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11/1/2022

Enclosure

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Executive Summary

The soil remediation services were performed in general accordance with the scope of services outlined in the Terracon Consultants, Inc. (Terracon) Proposal No. P95227193, dated April 22, 2022, revised May 6, 2022. The Sam Houston Middle School (SHMS, hereinafter site) soil assessment and remediation activities followed the U.S. Environmental Protection Agency (EPA) assessment and remediation activities completed at nearby Park Crest Elementary School (across Parkcrest Drive and north of the site). As part of the authorized scope of services, soils from eight on-site assessment grids at SHMS were excavated based on the results of Terracon's assessment activities completed in November 2021, and February and March 2022, which indicated these subject grid areas contained arsenic at concentrations above the Texas Commission on Environmental Quality (TCEQ) Protective Concentration Level (PCL) of 24 milligrams per kilogram (mg/kg) for combined human health exposure on residential properties. This arsenic PCL was utilized by the EPA as the arsenic soil cleanup standard for the remediation activities at Park Crest Elementary.

A summary of the soil remedial activities is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Over the course of multiple days in July 2022, a total of 475 tons (approximately 560 cubic yards) of soil was excavated from grids GCS-033, GCS-034, GCS-078, GCS-082, GCS-085, GCS-106, GCS-118 and GCS-119. The excavated soil was loaded directly into tarped, lined, and sealed roll-off containers and transported to a regulated landfill facility (Camelot Landfill in Lewisville, Texas) for disposal as Class 2 equivalent non-hazardous waste.

Confirmation soil samples were collected from the base of the excavation areas to confirm that the remaining soil within the eight assessment grids exhibited arsenic concentrations less than 24 mg/kg. Terracon personnel collected a total of 8 confirmation soil samples; one sample from the base of each assessment grid excavation area. Based on the laboratory analytical results, arsenic in the confirmation samples was not detected at concentrations above the PCL of 24 mg/kg.

Particulate air monitoring and ambient air sampling for arsenic were conducted in the vicinity of the excavation areas throughout the course of excavation activities. Particulate air monitoring indicated that airborne particulates did not exceed the established threshold criteria of 3.75 milligrams per cubic meter (mg/m^3) of air. Furthermore, arsenic concentrations were not detected above the analytical Limit of Quantitation (LoQ) of 0.30 micrograms (µg) during sampling activities.

Site restoration included backfilling of the assessment grids with clean select fill. Prior to backfilling the excavated areas, the backfill soil was sampled and analyzed for multiple analytes in order to verify the backfill soil did not contain chemicals of concern above TCEQ risk-based criteria. Because the excavation grids were on an incline, erosion control blankets were placed on assessment grids GCS-033, GCS-034, GCS-106, GCS-118 and GCS-119 subsequent to select fill placement and light compaction. Because of the flat area of assessment grids GCS-082 and GCS-085 , erosion control blankets were not utilized. At the request of the Client, approximately 4 inches of flex base material was imported and placed in assessment grid GCS-078 for the purpose of temporary parking.

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1.0 Site Description

Site Name	Sam Houston Middle School
Site Address	2232 Sussex Drive, Garland, Texas
Site Description	One parcel encompassing approximately 11.9 acres of land developed with a single-story middle school and associated parking and ancillary facilities.

A Topographic Map showing the site location is included as Exhibit 1, and a Site Location Map showing the location of the former Globe-Union facility relative to Park Crest Elementary, Stream 2C4, and Sam Houston Middle School is included as Exhibit 2. A Site Diagram with the sampling assessment grid layout featuring select grids where excavation activities were completed is included as Exhibit 3 in Appendix A.

2.0 Project Information and Background

Soil assessment activities by Terracon and the U.S. Environmental Protection Agency (EPA) at Park Crest Elementary School (across Parkcrest Drive and north of the site) identified concentrations of lead above the EPA screening level of 400 parts per million (ppm or milligram per kilogram - mg/kg) in soil samples collected in proximity to Stream 2C4, which is located north of the Park Crest Elementary School campus. In addition, arsenic was detected at concentrations above the cleanup level of 24 mg/kg set by the EPA in composite samples collected by the EPA from select assessment grids located on the southern portion of the Park Crest Elementary School property. It is noted that the EPA cleanup level for arsenic was based on the Texas Commission on Environmental Quality (TCEQ) Texas Risk Reduction Program (TRRP) residential Tier 1 Protective Concentration Level (PCL) for the total-soil-combined ($^{Tot}Soil_{Comb}$) exposure pathway. The EPA soil assessment activities at Park Crest Elementary were part of a Removal Assessment by the EPA, which included Park Crest Elementary and multiple other properties, as a result of environmental concerns associated with the former Globe-Union Inc. battery manufacturing facility that was historically located approximately 3,800 feet north/northwest of the site. As a result of the EPA's Removal Assessment at Park Crest Elementary School, the EPA directed clean-up activities (i.e., excavation and disposal) of the lead and arsenic affected soils at the Park Crest property. Based on the soil analytical results and clean-up activities for the Park Crest Elementary property, Garland ISD requested Terracon to complete similar soil sampling services and assessment at Sam Houston Middle School.

Consistent with the Removal Assessment sampling program conducted for Park Crest Elementary by the EPA, the site was sampled using a grid-based system with the area of each grid representing approximately 2,500 square feet (sf). Over the course of multiple days in November 2021, Terracon personnel collected a total of 238 soil samples from 119 assessment grids. These soil samples were collected at depths of 0-1 inch and 1-6 inches below ground surface (bgs). Based on the laboratory analytical results, arsenic concentrations ranged from 6.07 mg/kg (or parts per million, ppm) to 31.3 mg/kg and lead concentrations ranged from 8.93 mg/kg to 319 mg/kg. Concentrations of lead were

not detected above the EPA screening level of 400 mg/kg in the 238 soil samples collected in November 2021. The 0- to 1-inch and/or 1- to 6-inch soil sample intervals collected from assessment grids GCS-033, GCS-034, GCS-078, GCS-082, GCS-085, GCS-106 and GCS-118 exhibited arsenic concentrations exceeding the TRRP Tier 1 $^{Tot}Soil_{Comb}$ PCL of 24 mg/kg.

As a result of the November 2021 soil sample analytical results, soil samples from the 6- to 12-inch intervals were collected in February and March 2022 from 5 of the assessment grids (GCS-033, GCS-034, GCS-078, GCS-106 and GCS-118) and analyzed for arsenic. Based on the February and March 2022 laboratory analytical results, arsenic concentrations at the 6- to 12-inch depth intervals ranged from 5.0 mg/kg to 11.7 mg/kg, less than the PCL of 24 mg/kg for arsenic.

Based on the laboratory analytical results, arsenic concentrations above 24 mg/kg were identified at various locations on the site at depths up to 6 inches bgs within 7 of the 119 assessment grids. Terracon recommended remediation (i.e., soil excavation and off-site disposal) of the areas on the site where arsenic exceeded 24 mg/kg, consistent with the EPA clean-up strategy at the adjacent Park Crest Elementary.

Additionally, the 0- to 1-inch sample interval collected from assessment grid GCS-119 exhibited an arsenic concentration of 20.4 mg/kg, which is below the cleanup level of 24 mg/kg for arsenic. According to the laboratory report, the GCS-119, 0- to 1-inch sample was qualified, stating "the sample matrix interfered with the ability to make an accurate determination; spike value is low". Therefore, Terracon also recommended that this 0- to 6-inch interval within assessment grid GCS-119 be remediated as well.

Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, expressed or implied, regarding the findings, conclusions, or recommendations. Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

Additional Scope Limitations

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

Reliance

This report has been prepared for the exclusive use of Garland ISD (the Client), and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the Client and Terracon.

3.0 Soil Excavation and Backfilling

Safety and Subsurface Utilities

Terracon is committed to the safety of all its employees. As such, and in accordance with our Incident and Injury Free® safety goals, Terracon conducted the fieldwork under a site-specific health and safety plan. The plan identified site-specific job hazards and proper pre-task planning procedures. Work was performed using U.S. EPA Level D work attire consisting of hard hats, high-visibility attire, safety glasses, protective gloves, and protective boots. Terracon contacted Texas 811 and requested location and markings for subsurface utilities that the service was responsible for before commencing intrusive activities at the site. In addition, Terracon subcontracted Tri-Star Pipe Inspection to locate private on-site utilities within the work area.

Soil Excavation Activities

Terracon mobilized to the site on July 11, 2022 to mark the assessment grids recommended for excavation. Terracon demarcated the subject grids by utilizing a GPS receiver to accurately locate and mark the areas with white paint prior to excavation activities.

The soil excavation activities were conducted by Environmental Logistics Company LLC (ELC) from July 12, 2022 through July 19, 2022 under the direction of Mrs. Taryn Smith and Mr. Brian Ward of Terracon. Excavation activities were conducted utilizing a mini excavator and skid-steer with the goal of removing the top 6 inches of soil from the subject assessment grids. Note that the targeted depth of excavation was proposed as 6 inches; however, due to variability of shallow soil conditions (i.e., content, mix of weathered bedrock, compact nature of soil, etc.) and equipment limitations, deeper excavation cuts were made in certain cases. Exhibit 3 depicts the assessment grids (GCS-033, GCS-034, GCS-078, GCS-082, GCS-085, GCS-106, GCS-118 and GCS-119) that were excavated. During soil excavation, dust suppression was conducted by ELC by spraying water periodically across the work area. Dust levels were monitored in real-time by Terracon personnel as discussed in Section 4.0 of this report. Subsequent to excavation activities, each respective work area was covered with polyethylene plastic sheeting and secured by stakes. T-posts with orange safety fencing were placed around each excavation area until backfilling activities could be completed. Photographs were taken throughout the remediation activities and are included in Appendix B.

Prior to excavation activities, the soil was characterized, and profiled utilizing data provided in Terracon's Sam Houston Middle School Limited Soil Sampling Report, dated March 30, 2022. To supplement existing waste characterization analytical data, Terracon personnel mobilized to the site prior to excavation activities and collected a composite sample from the 0- to 6-inch intervals within assessment grids GCS-033, GCS-034, GCS-078, GCS-118 and GCS-119 for Toxicity Characteristic

Leaching Procedure (TCLP) lead analysis. The TCLP lead analytical results supported the Class 2 equivalent non-hazardous waste characterization.

The excavation activities consisted of the removal of a total of 475 tons (approximately 560 cubic yards), which consisted primarily of silty clay and weathered limestone. The excavated soils were loaded onto tarp-lined and sealed 20-cubic yard roll-off boxes pending transport to Camelot Landfill in Lewisville, Texas. Terracon personnel signed waste manifests on behalf of the Generator (Garland ISD) to accompany each load of soil destined for the landfill. A total of 28 loads of soil were transported to Camelot Landfill in Lewisville, Texas as Class 2 equivalent non-hazardous waste.

Post-excavation confirmation samples were collected from the excavation floor from each grid location to confirm that soils with arsenic above 24 mg/kg were adequately removed from the subject grids. Five sub-samples were collected across the base of the excavation in each grid and homogenized to create a single composite sample per grid. This composite sample approach was consistent with that used during the assessment phase. One composite sample was collected from each subject grid, for a total of 8 composite samples.

Soil samples were collected and placed into laboratory-suppled glassware, appropriately labeled, and placed in a cooler for transport to the selected laboratory. The sample cooler and completed chain-of-custody form were submitted to Pace Analytical National (Pace) in Mount Juliet, Tennessee for analysis on an expedited 5-day turnaround.

Waste Disposition

A total of 475 tons (approximately 560 cubic yards) of excavated soil, characterized as Class 2 equivalent non-hazardous waste, were transported via tarped-lined and sealed 20-cubic yard roll-off boxes for off-site disposal at the Camelot Landfill in Lewisville, Texas. Copies of the disposal waste manifests for the soils generated during excavation activities are included in Appendix E.

Site Restoration

Texas Sandman LLC was selected as the source facility for the imported select fill to be used as backfill. Prior to backfilling of the excavated areas, Terracon mobilized to the selected facility to collect representative soil samples. Terracon collected eight discrete soil samples from the soil planned for backfilling. The select fill samples were analyzed for the following:

- VOCs = Volatile organic compounds by EPA 8260;
- SVOCs = Semi-volatile organic compounds by EPA 8270;
- TPH = Total petroleum hydrocarbons by TX 1005;
- Pesticides = Organochlorine Pesticides by EPA 8081 and Organophosphorus Pesticides by EPA 8141;
- Herbicides = Herbicides by EPA 8151; and,
- TAL Metals = Target Analyte List Metals by EPA 6020. The TAL List includes Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, and Zinc.

Based on laboratory analytical results, VOC, SVOC, TPH, pesticide, and herbicide concentrations were not detected above laboratory detection limits in the select fill samples collected and analyzed. TAL Metals, many of which are naturally occurring in soils, were generally detected within regional background concentrations based on our experience. Arsenic concentrations were detected at concentrations ranging from 5.09 mg/kg to 7.21 mg/kg. The detected metals concentrations in the samples from the import soil did not exceed their corresponding TRRP Tier 1 $^{Tot}Soil_{Comb}$ PCLs.

Following the receipt of satisfactory data for the excavation confirmation samples and representative imported backfill soil samples, Terracon and ELC mobilized to the site on July 26, 2022 through July 28, 2022 to complete backfilling activities. ELC backfilled the excavation areas with the imported select fill and lightly compacted the soils using earthwork equipment.

Due to a slight slope, erosion control blankets were placed on assessment grids GCS-033, GCS-034, GCS-106, GCS-118 and GCS-119 subsequent to select fill placement and light compaction. Because assessment grids GCS-082 and GCS-085 were relatively flat, erosion control blankets were not utilized. Approximately 4 inches of flex base material was imported and placed in assessment grid GCS-078 for the purpose of parking.

A total of 427.8 tons (approximately 440 cubic yards) of select fill material was imported from Texas Sandman LLC and a total of 77.68 tons (approximately 80 cubic yards) of flex base material were imported from Big City Crushed Concrete to the site for backfilling purposes. Copies of the trip/weight tickets for the soils and flex base material imported for backfill activities are included in Appendix E.

4.0 Particulate Air Monitoring and Air Sampling

Particulate Air Monitoring

While excavation activities were being conducted, data for particulate matter of 10 micrometers and smaller (PM_{10}) were collected with an SGS Galson (SGS) Smart Sense™ monitoring system using state-of-the-art optical and electrochemical sensors mounted in a weather-tight case. The instrument was calibrated by the laboratory prior to use in the field. The monitoring system was equipped with data logging systems that collected and stored one data point per minute. Following the data collection period, data were downloaded from the SGS website for analysis. Cellular technology was used to communicate with the monitoring system in real time. A Verizon Wireless Jetpack hotspot was used with each monitor to connect to the local cellular system.

During excavation activities continuous data logging for PM_{10} was conducted. Time periods of excavation varied from day to day. PM_{10} was monitored approximately 20-30 feet from the excavation perimeters to the north, south, east and west. PM_{10} results were reported in micrograms per cubic meter of air ($\mu g/m^3$).

The Environmental Protection Agency (EPA) National Ambient Air Quality Standard (NAAQS) for PM_{10} is 150 $\mu g/m^3$ averaged over a 24-hour period. The threshold criteria used for the purposes of this project was 3.75 milligrams per cubic meter of air (mg/m^3) or 3,750 $\mu g/m^3$, based on a conservative estimate of the concentrations of arsenic previously determined to be present in the soil.

Air Sampling for Arsenic

The Occupational Safety and Health Administration (OSHA) has established permissible exposure limits (PELs) for workplace toxic and hazardous substances listed in 29 CFR 1910.1000 Tables Z-1, Z-2, and Z-3, and in 29 CFR 1910.1001 through 1910.1096. Most OSHA PELs are based on an 8-hour time weighted average (TWA); when sampling periods are less than 8 hours, the result must first be converted to an 8-hour TWA before comparing it to the OSHA PEL. Some OSHA PELs are short term exposure limits (STELs), based on 15-minute exposures, or Ceiling Limits of worst-case peak exposures (sampled as a 15-minute exposure if direct-reading methods are not available). There are some OSHA Standards that establish an Action Level (AL) that, if exceeded, triggers an action, such as additional periodic monitoring or medical surveillance.

The American Conference of Governmental Industrial Hygienists (ACGIH®) has developed Threshold Limit Values (TLVs®) as guidelines to assist in the control of occupational health hazards. Unlike the OSHA PELs, these occupational exposure limits (OELs) are not regulated values, but they are frequently used as industry guidelines, particularly where OSHA does not regulate a chemical. The ACGIH® TLV®-STEL is a 15-minute exposure not to be exceeded at any time during a workday, even if the 8-hour TWA is below the TLV®-TWA.

The OSHA 8-hour averaged PEL regulatory threshold for airborne inorganic arsenic is currently 0.01 mg/m^3 and the ACGIH TLV is also 0.01 mg/m^3.

Air sampling for arsenic was conducted on July 12, 13, 14, 15, 18, and 19, 2022, during excavation procedures at locations immediately adjacent to representative excavation locations, similar to that of the particulate monitoring systems. The method used to collect arsenic data is provided below.

Air Contaminant Sampling and Analytical Method Summary

Contaminant	Media/Sampler	Flow Rate	Analytical Method
Arsenic	37-mm mixed cellulose ester filter	2 Lpm	Modified NIOSH 7307

mm = millimeter
Lpm = Liters per minute
NIOSH = National Institute for Occupational Safety and Health

The flow rate for each air sample pump was calibrated with a primary standard (TSI 4146) before and after air sample collection. The average flow rate was used by the laboratory to perform concentration calculations based on the sample collection duration and the total air volume collected.

5.0 Analytical Results

The soil and air laboratory analytical reports and chain-of-custody records are attached in Appendix D. Arsenic concentrations in soil were compared to the TCEQ TRRP residential health-based Tier 1 $^{Tot}Soil_{Comb}$ PCL of 24 mg/kg (or ppm) for arsenic. The EPA selected the TCEQ $^{Tot}Soil_{Comb}$ PCL of 24 mg/kg as their cleanup target for arsenic at Park Crest Elementary and surrounding properties.

According to TCEQ TRRP Regulatory Guidance (RG-366/TRRP 25), the $^{Tot}Soil_{Comb}$ PCL considers the combined exposure pathways of soil ingestion, dermal contact, inhalation of volatiles and particulates, and, for residential land use, ingestion of above-ground and below-ground vegetables.

Confirmation Soil Sample Results

The confirmation soil analytical data and PCL described above are summarized in Table 1 (Appendix C).

A total of 8 composite confirmation samples were collected, one from the bottom of each of the excavated assessment grids and analyzed for arsenic. Arsenic was detected in the samples at concentrations ranging from 4.1 mg/kg to 19.7 mg/kg, which were below the Tier 1 $^{Tot}Soil_{Comb}$ PCL and target cleanup level of 24 mg/kg for arsenic.

Air Quality Results

PM_{10}

The data logging results for PM_{10} at each location sampled during excavation activities indicated airborne particulate matter did not exceed the established threshold criteria of 3.75 mg/m^3 or the EPA NAAQS threshold of 150 µg/m^3.

A summary of results for each area monitored, including the average, maximum and minimum results, is presented in Table 2 (Appendix C) for each day excavation activities occurred.

Arsenic

Arsenic was not detected above the laboratory limit of quantitation, which ranged from 0.00034 mg/m^3 to 0.0011 mg/m^3, at any of the excavation areas during excavation activities.

APPENDIX A – EXHIBITS

Exhibit 1 – Topographic Map

Exhibit 2 – Site Location Map

Exhibit 3 – Site Diagram with Excavated Grid Locations



DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project No.	95217460A
Scale:	As Shown
Source:	USGS 2019
Date:	3/28/2022

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TOPOGRAPHIC MAP

SAM HOUSTON MIDDLE SCHOOL
2232 SUSSEX DRIVE
GARLAND, TEXAS 75041

EXHIBIT

1



Project No.	95217460A
Scale:	As Shown
Source:	Google Earth Imagery 11/2017
Date:	3/28/2022

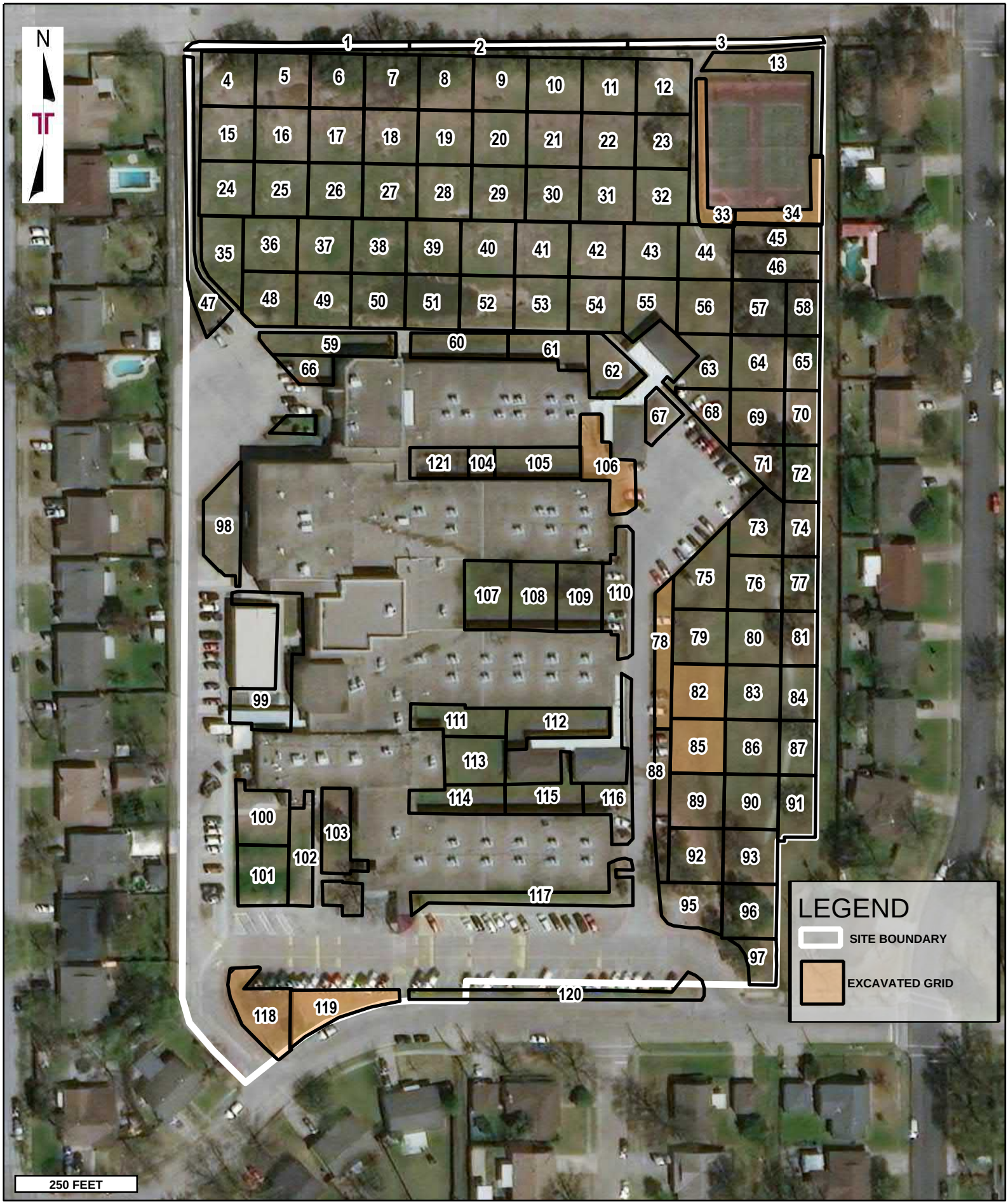
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SITE LOCATION MAP

SAM HOUSTON MIDDLE SCHOOL
2232 SUSSEX DRIVE
GARLAND, TEXAS 75041

EXHIBIT

2



PROJECT NO.	95217460A
SCALE	AS SHOWN
DRAFTED BY	SAS
PROJECT MANAGER	RWW

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SITE DIAGRAM WITH EXCAVATED GRID LOCATIONS

SAM HOUSTON MIDDLE SCHOOL
2232 SUSSEX DRIVE
GARLAND, TEXAS 75041

EXHIBIT

3

APPENDIX B – PHOTOGRAPHIC DOCUMENTATION



Photo 1 Pre-excavation of grid GCS-33.



Photo 2 Pre-excavation of grid GCS-34.



Photo 3 Pre-excavation and outlining of grid GCS-78.



Photo 4 Pre-excavation and outlining of grids GCS-82 and GCS-85.



Photo 5 Pre-excavation of grid GCS-106.



Photo 6 Pre-excavation of grids GCS-118 and GCS-119.



Photo 7 Pre-excavation and outlining of grid GCS-118.



Photo 8 Pre-excavation of grid GCS-119.



Photo 9 Excavation of grids GCS-33 and GCS-34.



Photo 10 Excavation and application of tarp in grids GCS-82 and GCS-85.



Photo 11 Excavation and dust suppression of grid GCS-106.



Photo 12 Air quality monitoring station in grids GCS-118 and GCS-119.



Photo 13 Soil sample collection of grid GCS-34.



Photo 14 Confirming excavation depth.



Photo 15 Confirming excavation depth.



Photo 16 Completed excavation of grids GCS-118 and GCS-119 with covered tarp and fencing.



Photo 17 Backfilling with imported select fill in grids GCS-82, GCS-85 and GCS-78.



Photo 18 Backfilling with imported select fill in grid GCS-106.



Photo 19 Finished backfilling and light grading in grid GCS-106.



Photo 20 Finished backfilling and light grading in grid GCS-34.



Photo 21 Erosion control blankets in grid GCS-106.



Photo 22 Erosion control blankets in grids GCS-118 and GCS-119.



Photo 23 Flex-base material in grid GCS-78.



Photo 24 Finished backfilling in grids GCS-82 and GCS-85.

APPENDIX C – TABLES

Table 1 – Confirmation Soil Sample Analytical Summary

Table 2 – Particulate Air Monitoring During Soil Excavation Summary

Table 3 –Ambient Air Arsenic Sample Results Summary

Table 1
Confirmation Soil Sample Analytical Summary
Sam Houston Middle School
Garland, Texas 75041
Project No. 95217460A

Sample Identifier	Grid Number	Sample Depth	Sample Date	Arsenic (mg/kg)
CS-1	GCS-33	Bottom of Excavation. Approximately 7-10"	7/12/2022	14.10
CS-2	GCS-34		7/13/2022	4.89
DUP-1 (Duplicate of CS-2)			7/13/2022	5.66
CS-3	GCS-106		7/14/2022	4.24
CS-4	GCS-82		7/15/2022	7.17
CS-5	GCS-85		7/18/2022	4.10
CS-6	GCS-78		7/18/2022	16.90
CS-7	GCS-119		7/19/2022	13.50
CS-8	GCS-118		7/19/2022	19.70
Texas Commission on Environmental Quality (TCEQ) Texas Risk Reduction Program (TRRP) residential health-based Tier 1 total-soil-combined ($^{Tot}Soil_{Comb}$) Protective Concentration Level (PCL)[1]				24.0

Notes:
1. The Environmental Protection Agency (EPA) selected the TCEQ TRRP $^{Tot}Soil_{Comb}$ PCL of 24 mg/kg as their cleanup target for arsenic at Park Crest Elementary and surrounding properties. According to TCEQ TRRP Regulatory Guidance (RG-366/TRRP 25), the $^{Tot}Soil_{Comb}$ PCL considers the combined exposure pathways of soil ingestion, dermal contact, inhalation of volatiles and particulates, and, for residential land use, ingestion of above-ground and below-ground vegetables.

Table 2
Particulate Air Monitoring During Soil Excavation Summary
Sam Houston Middle School
Garland, Texas 75041
Project No. 95217460A

Sample Identifier	Sample Date	Time Sampled	Grid Number(s)	Avg./Min/Max.	Temp. (°F)	Relative Humidity (%)	PM_{10} ($\mu g/m^3$)
Sample 01-east side	7/12/2022	8:24 AM-3:05 PM	GCS-33 and GCS-34	Average	95.90	54.70	0.10
				Maximum	119.50	62.80	1.80
				Minimum	60.90	46.00	0.00
Sample 01-east side	7/13/2022	7:44 AM-2:37 PM	GCS-33 and GCS-34	Average	97.30	43.60	0.90
				Maximum	117.50	60.20	10.10
				Minimum	62.00	29.50	0.00
Sample 02-north side	7/12/2022	8:29 AM-3:08 PM	GCS-33 and GCS-34	Average	99.70	44.40	0.60
				Maximum	117.80	66.10	4.60
				Minimum	62.50	31.30	0.00
Sample 02-north side	7/13/2022	7:55 AM-11:57 AM	GCS-33 and GCS-34	Average	91.00	43.40	16.30
				Maximum	104.90	65.90	31.80
				Minimum	65.00	28.80	0.00
Sample 03-west side	7/12/2022	8:27 AM-3:06 PM	GCS-33 and GCS-34	Average	94.80	51.20	0.05
				Maximum	117.80	66.10	4.60
				Minimum	62.50	31.30	0.00
Sample 03-west side	7/13/2022	7:58 AM-11:57 AM	GCS-33 and GCS-34	Average	94.00	50.80	1.20
				Maximum	109.20	55.70	10.10
				Minimum	65.20	45.10	0.00
Sample 04-south side	7/12/2022	8:24 AM-3:02 PM	GCS-33 and GCS-34	Average	86.30	50.80	0.00
				Maximum	93.90	63.30	0.20
				Minimum	61.50	41.90	0.00
Sample 04-south side	7/13/2022	7:49 AM-11:57 AM	GCS-33 and GCS-34	Average	82.40	50.00	0.30
				Maximum	90.90	56.20	6.90
				Minimum	64.60	44.00	0.00
Sample 05-east side	7/13/2022	11:58 AM-4:25 PM	GCS-106	Average	111.00	25.90	20.10
				Maximum	114.30	29.90	102.60
				Minimum	103.30	23.70	0.00
Sample 05-east side	7/14/2022	7:10 AM-1:18 PM	GCS-106	Average	77.80	52.10	0.40
				Maximum	85.30	54.70	16.70
				Minimum	69.70	47.60	0.00
Sample 06-west side	7/13/2022	11:58 AM-4:30 PM	GCS-106	Average	108.60	43.80	0.01
				Maximum	111.80	45.90	0.02
				Minimum	106.80	41.50	0.00
Sample 06-west side	7/14/2022	7:12 AM-1:20 PM	GCS-106	Average	79.50	50.50	0.03
				Maximum	88.30	57.10	0.20
				Minimum	70.90	45.80	0.00

Sample Identifier	Sample Date	Time Sampled	Grid Number(s)	Avg./Min/Max.	Temp. (°F)	Relative Humidity (%)	PM_{10} ($\mu g/m^3$)
Sample 07-north side	7/13/2022	11:58 AM-4:30 PM	GCS-106	Average	97.00	38.50	0.02
				Maximum	100.90	40.20	0.03
				Minimum	95.60	36.60	0.00
Sample 07-north side	7/14/2022	7:10 AM-1:18 PM	GCS-106	Average	77.50	54.70	2.10
				Maximum	82.00	61.80	8.30
				Minimum	68.40	46.30	0.00
Sample 08-east side	7/14/2022	1:19 PM-3:50 PM	GCS-78, GCS-82 and GCS-85	Average	85.70	53.20	12.20
				Maximum	102.90	62.60	114.50
				Minimum	70.60	40.90	0.00
Sample 08-east side	7/15/2022	6:68 AM-2:20 PM	GCS-78, GCS-82 and GCS-85	Average	92.00	45.10	0.30
				Maximum	108.20	57.30	0.50
				Minimum	61.60	33.20	0.00
Sample 08-east side	7/18/2022	7:19 AM-11:15 AM	GCS-78, GCS-82 and GCS-85	Average	85.30	46.60	0.90
				Maximum	97.00	54.80	3.10
				Minimum	62.80	39.10	0.00
Sample 09-north side	7/14/2022	1:21 PM-4:04 PM	GCS-78, GCS-82 and GCS-85	Average	76.60	55.40	0.10
				Maximum	94.40	57.30	0.50
				Minimum	72.10	43.70	0.00
Sample 09-north side	7/15/2022	7:02 AM-2:08 PM	GCS-78, GCS-82 and GCS-85	Average	88.20	46.70	1.30
				Maximum	106.00	59.50	3.50
				Minimum	61.60	32.80	0.00
Sample 09-north side	7/18/2022	7:23 AM-11:14 AM	GCS-78, GCS-82 and GCS-85	Average	84.80	45.50	0.10
				Maximum	94.60	51.80	0.50
				Minimum	62.70	40.60	0.00
Sample 10-west side	7/14/2022	1:19 PM-4:05 PM	GCS-78, GCS-82 and GCS-85	Average	72.30	54.80	0.10
				Maximum	73.50	54.90	0.20
				Minimum	70.80	54.70	0.00
Sample 10-west side	7/15/2022	7:04 AM-2:11 PM	GCS-78, GCS-82 and GCS-85	Average	88.80	50.20	0.04
				Maximum	97.30	56.00	0.50
				Minimum	61.90	46.90	0.00
Sample 10-west side	7/18/2022	7:18 AM-11:23 AM	GCS-78, GCS-82 and GCS-85	Average	80.30	45.70	0.04
				Maximum	87.80	56.60	0.20
				Minimum	61.60	42.40	0.00
Sample 11-south side	7/14/2022	1:43 PM-3:55 PM	GCS-78, GCS-82 and GCS-85	Average	89.50	43.50	0.30
				Maximum	106.60	58.00	1.70
				Minimum	63.00	35.60	0.00
Sample 11-south side	7/15/2022	7:08 AM-2:08 PM	GCS-78, GCS-82 and GCS-85	Average	86.60	48.50	0.02
				Maximum	107.80	55.60	0.20
				Minimum	62.60	35.80	0.00
Sample 11-south side	7/18/2022	7:30 AM-11:15 AM	GCS-78, GCS-82 and GCS-85	Average	91.00	49.70	0.03
				Maximum	100.20	54.80	0.40
				Minimum	62.50	46.20	0.00
Sample 12-north side	7/18/2022	11:45 AM-3:15 PM	GCS-118 and GCS-119	Average	102.50	36.10	0.10
				Maximum	107.50	39.80	3.80
				Minimum	89.10	33.80	0.00

Sample Identifier	Sample Date	Time Sampled	Grid Number(s)	Avg./Min/Max.	Temp. (°F)	Relative Humidity (%)	PM_{10} ($\mu g/m^3$)
Sample 12-north side	7/19/2022	7:10 AM-1:00 PM	GCS-118 and GCS-119	Average	91.10	46.40	0.03
				Maximum	111.00	48.70	0.20
				Minimum	67.00	42.10	0.00
Sample 13-east side	7/18/2022	11:46 AM-3:26 PM	GCS-118 and GCS-119	Average	104.30	44.10	0.02
				Maximum	111.10	46.30	0.02
				Minimum	91.80	41.60	0.00
Sample 13-east side	7/19/2022	7:19 AM-1:10 PM	GCS-118 and GCS-119	Average	93.30	39.50	18.80
				Maximum	102.80	47.20	29.80
				Minimum	67.70	30.90	0.00
Sample 14-south side	7/18/2022	11:46 AM-12:55 PM	GCS-118 and GCS-119	Average	98.90	37.40	0.20
				Maximum	102.40	39.60	2.00
				Minimum	92.60	35.80	0.00
Sample 14-south side	7/19/2022	7:23 AM-12:54 PM	GCS-118 and GCS-119	Average	88.00	46.70	29.50
				Maximum	107.40	53.70	143.50
				Minimum	67.50	35.20	0.00
Sample 15-west side	7/18/2022	11:46 AM-3:19 PM	GCS-118 and GCS-119	Average	104.20	39.90	0.10
				Maximum	110.30	43.90	0.20
				Minimum	86.40	38.80	0.00

Notes:

1. The Environmental Protection Agency (EPA) National Ambient Air Quality Standard (NAAQS) for particulate matter of 10 micrometers and smaller (PM_{10}) Maximum is 150 µg/m3.

Table 3
Ambient Air Arsenic Sample Results Summary
Sam Houston Middle School
Garland, Texas 75041
Project No. 95217460A

Sample Identifier	Sample Date	Grid Number(s)	Arsenic (mg/m^3)
Sample 01-east side	7/12/2022	GCS-33 and GCS-34	<0.00039
Sample 01-east side	7/13/2022	GCS-33 and GCS-34	<0.00037
Sample 02-north side	7/12/2022	GCS-33 and GCS-34	<0.00041
Sample 02-north side	7/13/2022	GCS-33 and GCS-34	<0.00066
Sample 03-west side	7/12/2022	GCS-33 and GCS-34	<0.00039
Sample 03-west side	7/13/2022	GCS-33 and GCS-34	<0.00067
Sample 04-south side	7/12/2022	GCS-33 and GCS-34	<0.00040
Sample 04-south side	7/13/2022	GCS-33 and GCS-34	<0.00068
Sample 05-east side	7/13/2022	GCS-106	<0.00055
Sample 05-east side	7/14/2022	GCS-106	<0.00041
Sample 06-west side	7/13/2022	GCS-106	<0.00052
Sample 06-west side	7/14/2022	GCS-106	<0.00041
Sample 07-north side	7/13/2022	GCS-106	<0.00055
Sample 07-north side	7/14/2022	GCS-106	<0.00044
Sample 08-east side	7/14/2022	GCS-78, GCS-82 and GCS-85	<0.0011
Sample 08-east side	7/15/2022	GCS-78, GCS-82 and GCS-85	<0.00034
Sample 08-east side	7/18/2022	GCS-78, GCS-82 and GCS-85	<0.00057
Sample 09-north side	7/14/2022	GCS-78, GCS-82 and GCS-85	<0.0010
Sample 09-north side	7/15/2022	GCS-78, GCS-82 and GCS-85	<0.00035
Sample 09-west side	7/18/2022	GCS-78, GCS-82 and GCS-85	<0.00059
Sample 10-west side	7/14/2022	GCS-78, GCS-82 and GCS-85	<0.0010
Sample 10-west side	7/15/2022	GCS-78, GCS-82 and GCS-85	<0.00034
Sample 10-west side	7/18/2022	GCS-78, GCS-82 and GCS-85	<0.00060
Sample 11-south side	7/15/2022	GCS-78, GCS-82 and GCS-85	<0.00034
Sample 11-south side	7/18/2022	GCS-78, GCS-82 and GCS-85	<0.00060
Sample 12-north side	7/18/2022	GCS-118 and GCS-119	<0.00066
Sample 12-east side	7/19/2022	GCS-118 and GCS-119	<0.00041
Sample 13-east side	7/18/2022	GCS-118 and GCS-119	<0.00066
Sample 14-west side	7/18/2022	GCS-118 and GCS-119	<0.00043

APPENDIX D – ANALYTICAL REPORTS AND CHAINS OF CUSTODY

July 05, 2022

R. Wade Watkins
Terracon
1801 Handley Ederville Rd
Ft Worth, TX 76118
TEL: (817) 268-8600
FAX

Order No.: 2206256

RE: Sam Houston Middle School

Dear R. Wade Watkins:

DHL Analytical, Inc. received 1 sample(s) on 6/29/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-22-28

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CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: DHL
Address: Round Rock, TX
Phone:
Contact: John DuPont
PO/SO #:

Office Location: Fort Worth, TX
Project Manager: Wade Watkins

Sampler's Name: Brian Ward
Sampler's Signature: Brian Ward

Project Number: 95217460A
Project Name: Sam Houston Middle School

ANALYSIS REQUESTED

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C): 2.0°C
thermo#78

Page 1 of 1

2206256

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers	TCLP Lead (1311/1312/6010)	Lab Sample ID
S	6/28/22	1500	X		WC-1	0	6"	2 jar	X	01

NFE

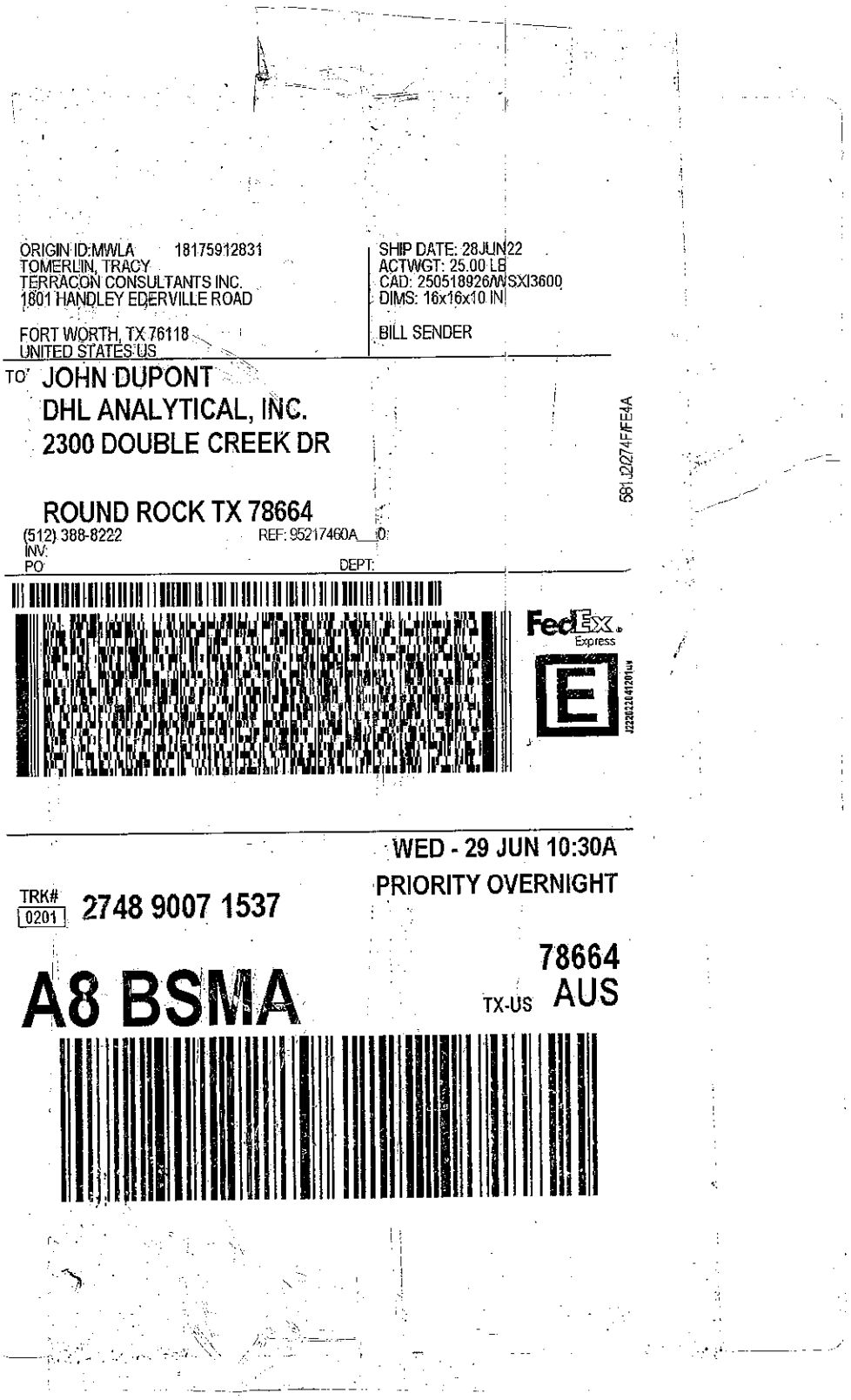
TURNAROUND TIME ☐ Normal ☐ 48-Hour Rush ☒ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Brian Ward	6/28/22	1630	Fedex	6/28/22	1645
Fedex	6/29/22	0835	[illegible]	6/29/22	0835

NOTES:
Relinquished to Fedex 1645
Tracking # 2748 9007 1537
no custody seals used
Via Fedex

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other _____



ORIGIN ID:MWLA 18175912831
TOMERLIN, TRACY
TERRACON CONSULTANTS INC.
1801 HANDLEY EDERVILLE ROAD

FORT WORTH, TX 76118
UNITED STATES US

SHIP DATE: 28JUN22
ACTWGT: 25.00 LB
CAD: 250518926/WSXI3600
DIMS: 16x16x10 IN

BILL SENDER

TO JOHN DUPONT
DHL ANALYTICAL, INC.
2300 DOUBLE CREEK DR

ROUND ROCK TX 78664
(512) 388-8222 REF: 95217460A 0
INV:
PO DEPT:

561J2274/FE4A

FedEx Express

WED - 29 JUN 10:30A
PRIORITY OVERNIGHT

TRK# 0201 2748 9007 1537

78664
TX-US AUS

A8 BSMA

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name Terracon

Date Received: 6/29/2022

Work Order Number 2206256

Received by: KAO

Checklist completed by: _____ 6/29/2022
Signature Date

Reviewed by DS 6/29/2022
Initials Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.0 °C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH<2 acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted? _____		Checked by _____
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted? _____		Checked by _____

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Sam Houston Middle School	**LRC Date:** 7/5/2022
Reviewer Name: Angie O'Donnell	**Laboratory Work Order: 2206256**
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			**X**		
		7) Were % moisture (or solids) reported for all soil and sediment samples?			**X**		
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			**X**		
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?			**X**		
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?			**X**		
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?	**X**				
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?			**X**		
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	**X**				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	**X**				
		2) Were MS/MSD analyzed at the appropriate frequency?	**X**				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	**X**				
		4) Were MS/MSD RPDs within laboratory QC limits?	**X**				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?			**X**		
		2) Were analytical duplicates analyzed at the appropriate frequency?			**X**		
		3) Were RPDs or relative standard deviations within the laboratory QC limits?			**X**		
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				**R10-01**
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Sam Houston Middle School	**LRC Date:** 7/5/2022
Reviewer Name: Angie O'Donnell	**Laboratory Work Order: 2206256**
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26, 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

07/05/22
Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

DHL Analytical, Inc. **Date:** *05-Jul-22*

CLIENT: Terracon
Project: Sam Houston Middle School
Lab Order: 2206256

CASE NARRATIVE

The samples were analyzed using the methods outlined in the following references:

Method SW1311/6020B - TCLP Metals Analysis

Exception Report R1-01

The samples were received and log in performed on 6/29/2022. A total of 1 sample was received and analyzed. The sample arrived in good condition and was properly packaged.

Exception Report R10-01

The results of Sample WC-1 was below TCLP or RCRA characterization limits.

DHL Analytical, Inc.

Date: *05-Jul-22*

CLIENT: Terracon
Project: Sam Houston Middle School
Lab Order: 2206256

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2206256-01	WC-1		06/28/22 03:00 PM	6/29/2022

Lab Order: 2206256
Client: Terracon
Project: Sam Houston Middle School

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2206256-01A	WC-1	06/28/22 03:00 PM	Soil	SW3010A	Liquid Prep Total Metals: ICP-MS	06/30/22 07:26 AM	106002

Lab Order: 2206256
Client: Terracon
Project: Sam Houston Middle School

TCLP/SPLP PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2206256-01A	WC-1	6/28/2022 3:00:00 PM	Soil	SW1311	TCLP Bottle Extr. (Metals)	6/29/2022 8:59:26 AM	105983

Lab Order: 2206256
Client: Terracon
Project: Sam Houston Middle School

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2206256-01A	WC-1	Soil	SW1311/6020B	TCLP Metals	106002	1	06/30/22 03:01 PM	ICP-MS5_220630D

DHL Analytical, Inc.

Date: *05-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	WC-1
Project:	Sam Houston Middle School	**Lab ID:**	2206256-01
Project No:	95217460A	**Collection Date:**	06/28/22 03:00 PM
Lab Order:	2206256	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TCLP METALS		**SW1311/6020B**					Analyst: **SP**
Lead	<0.00150	0.00150	0.00500		mg/L	1	06/30/22 03:01 PM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

CLIENT: Terracon
Work Order: 2206256
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220519B

Sample ID: **DCS1-105256** Batch ID: **105256** TestNo: **SW6020B** Units: **mg/L**
SampType: **DCS** Run ID: **ICP-MS5_220519B** Analysis Date: **5/19/2022 11:00:00 AM** Prep Date: **5/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000544	0.00100	0.000500	0	109	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2206256
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220630D

The QC data in batch 106002 applies to the following samples: 2206256-01A

Sample ID: **MB-105983-TCLP**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 2:42:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.00150	0.00500								

Sample ID: **MB-106002**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 2:45:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.000300	0.00100								

Sample ID: **LCS-106002**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **LCS**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 2:48:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.191	0.00100	0.2000	0	95.7	80	120			

Sample ID: **LCSD-106002**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **LCSD**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 2:50:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.192	0.00100	0.2000	0	95.9	80	120	0.193	15	

Sample ID: **2206236-01C SD**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **SD**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 2:58:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.0154	0.0250	0	0.01558				0.838	20	

Sample ID: **2206236-01C PDS**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **PDS**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 3:04:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	1.02	0.00500	1.000	0.01558	101	75	125			

Sample ID: **2206236-01C MS**	Batch ID: **106002**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **MS**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 3:06:00 PM**	Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.932	0.00500	1.000	0.01558	91.7	75	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2206256
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220630D

Sample ID: **2206236-01C MSD** Batch ID: **106002** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **MSD** Run ID: **ICP-MS5_220630D** Analysis Date: **6/30/2022 3:09:00 PM** Prep Date: **6/30/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.988	0.00500	1.000	0.01558	97.2	75	125	5.81	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2206256
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220630D

Sample ID: **ICV-220630**	Batch ID: **R121889**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 11:21:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.0999	0.00100	0.1000	0	99.9	90	110			

Sample ID: **LCVL-220630**	Batch ID: **R121889**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 11:29:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00104	0.00100	0.001000	0	104	80	120			

Sample ID: **CCV4-220630**	Batch ID: **R121889**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 2:00:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.194	0.00100	0.2000	0	97.1	90	110			

Sample ID: **CCV5-220630**	Batch ID: **R121889**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220630D**	Analysis Date: **6/30/2022 3:11:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.193	0.00100	0.2000	0	96.6	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

DHL Analytical, Inc.

Date: *05-Jul-22*

CLIENT: Terracon
Work Order: 2206256
Project: Sam Houston Middle School

MQL SUMMARY REPORT

TestNo: SW1311/6020B	MDL	MQL
Analyte	**mg/L**	**mg/L**
Lead	0.00150	0.00500
Lead	0.000300	0.00100

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

July 11, 2022

R. Wade Watkins
Terracon
1801 Handley Ederville Rd
Ft Worth, TX 76118
TEL: (817) 268-8600
FAX

Order No.: 2207012

RE: Sam Houston Middle School

Dear R. Wade Watkins:

DHL Analytical, Inc. received 8 sample(s) on 7/1/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-22-28

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CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: DHL Analytical
Address: 2300 Double Creek Dr
Round Rock, TX
Phone:
Contact:
PO/SO #:

Office Location: Fort Worth, TX
Project Manager: Wade Watkins

LAB USE ONLY 2207012
DUE DATE: 2207008 R.A. 7/5/22
TEMP OF COOLER WHEN RECEIVED (°C): 1.3°C therm #78

Page 1 of 1

Sampler's Name: Brian Ward
Sampler's Signature: Brian Ward

Project Number: 95217460A
Project Name: Sam Houston Middle School

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: VOA	4oz Jar	Plunger	TPH (TX 1005)	TAL Metals (6020)	VOCs (8260)	SVOCs (8270)	Pesticides (8081A/8141B)	Herbicides (8151)	Lab Sample ID
S	6/30/22	0930		X	BF-1			6	2	1	X	X	X	X	X	X	01
		0945			BF-2			6	2	1	X	X	X	X	X	X	02
		0950			BF-3			6	2	1	X	X	X	X	X	X	03
		1000			BF-4			6	2	1	X	X	X	X	X	X	04
		1005			BF-5			6	2	1	X	X	X	X	X	X	05
		1025			BF-6			6	2	1	X	X	X	X	X	X	06
		1035			BF-7			6	2	1	X	X	X	X	X	X	07
↓	↓	1045		↓	BF-8			6	2	1	X	X	X	X	X	X	08
					NFE												

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Brian Ward	6/30/22	1600	Fedex	6/30/22	1600
Fedex	7/1/22	0831	Kent O'Rourke	7/1/22	0831

NOTES: relinquished to Fedex @ 1600
custody seals intact

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other _____

https://terracon.sendproenterprise.com/Composer/XmlRequest/GetShipLabel?guid=b950c109-5534-4048-8036-a694f4ea3f92&p...

6/30/22, 12:38 PM

ORIGIN ID:MWLA 18175912831
TOMERLIN, TRACY
TERRACON CONSULTANTS INC.
1801 HANDLEY EDERVILLE ROAD

FORT WORTH, TX 76118
UNITED STATES US

SHIP DATE: 30JUN22
ACTWGT: 50.00 LB
CAD: 250518926/WSXI3600
DIMS: 26x14x14 IN

BILL SENDER

TO JOHN DUPONT
DHL ANALYTICAL, INC.
2300 DOUBLE CREEK DR

ROUND ROCK TX 78664
(512) 388-8222 REF: 95217460A___0
INV:
PO: DEPT:

581J2274F/FE4A

FedEx Express

FRI - 01 JUL 10:30A
PRIORITY OVERNIGHT

TRK# 0201 2749 8672 4243

78664
TX-US AUS

A8 BSMA

CUSTODY SEAL

DATE 6/30/22

SIGNATURE Brian Wade

DHL ANALYTICAL

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name **Terracon** Date Received: **7/1/2022**

Work Order Number **2207012** Received by: **KAO**

Checklist completed by: _____ 7/1/2022 Reviewed by _____ 7/1/2022
Signature | Date | Initials | Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	**1.3** °C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH<2 acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted? _____		Checked by _____
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted? _____		Checked by _____

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Page 1 of 1

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Sam Houston Middle School	**LRC Date:** 7/11/2022
Reviewer Name: Angie O'Donnell	**Laboratory Work Order: 2207012**
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	**X**				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	**X**				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	**X**				
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	**X**				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		**X**			**R4-02**
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?	**X**				
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?			**X**		
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R6-04**
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	**X**				
		2) Were MS/MSD analyzed at the appropriate frequency?	**X**				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R7-03**
		4) Were MS/MSD RPDs within laboratory QC limits?	**X**				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	**X**				
		2) Were analytical duplicates analyzed at the appropriate frequency?	**X**				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	**X**				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				**R10-01**
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Sam Houston Middle School	**LRC Date:** 7/11/2022
Reviewer Name: Angie O'Donnell	**Laboratory Work Order: 2207012**
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?		X			**S2-02**
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?		X			**S10-02**
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable.

4 NR = Not Reviewed.

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26, 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

07/11/22
Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

CLIENT: Terracon
Project: Sam Houston Middle School
Lab Order: 2207012

CASE NARRATIVE

The samples were analyzed using the methods outlined in the following references:

Method TX1005 - Total Petroleum Hydrocarbons Analysis
Method SW8260D - Volatile Organics Analysis (the compound Cyclohexane is not NELAP Certified)
Method SW8270E - Semivolatile Organics Analysis (the compound Benzaldehyde is not NELAP Certified)
Method SW8270E-SimScan - Pesticides Analysis (several compounds are not NELAP Certified)
Method SW8321B - Herbicides Analysis
Method SW6020B - Metals Analysis
Method SW7471B - Mercury Analysis
Method D2216 - Percent Moisture Analysis

Exception Report R1-01

The samples were received and log in performed on 7/1/2022. A total of 8 samples were received and analyzed. The samples arrived in good condition and were properly packaged.

Exception Report R4-02

For Semivolatile Organics Analysis, the recoveries of up to two surrogates for five samples and Matrix Spike (2207012-01 MS) were below the method control limits. These are flagged accordingly in the Analytical Data Report and QC Summary Report. The remaining surrogates for these samples were within method control limits. No further corrective action was taken.

Exception Report R6-04

For Semivolatile Organics Analysis, the recoveries of two compounds for the Laboratory Control Spike (LCS-106050) were outside of the method control limits. These are flagged accordingly in the QC Summary Report. These compounds were within method control limits in the associated ICV or were nondetect in the associated samples. No further corrective action was taken.

For Pesticides Analysis, the recovery of EPN for the Laboratory Control Spike (LCS-106048) was marginally above the method control limits. This is flagged accordingly in the QC Summary Report. This compound was nondetect in the associated samples. No further corrective action was taken.

Exception Report R7-03

For Semivolatile Organics Analysis, the recovery of 4-Chloroaniline for the Matrix Spike and Matrix

Spike Duplicate (2207012-01 MS/MSD) was below the method control limits. This is flagged accordingly in the QC Summary Report. This compound may be biased low in the associated samples. No further corrective action was taken.

Exception Report R10-01

Per project specification, MS/MSDs are from this workorder or project samples only.

Exception Report S2-02

For Volatile Organics Analysis, the recoveries of two compounds for the Initial Calibration Verification (ICV-220701) were above the method control limits specified in SW8260D (70-130% recovery). These are flagged accordingly in the QC Summary report. The number of target compounds outside of the method control limits for the ICVs are less than 20% of the total number of compounds being reported; this is allowed in SW8260D specifications. These compounds were within method control limits in the associated LCS. No further corrective action was taken.

For Semivolatile Organics Analysis, the recoveries of two compounds for the Initial Calibration Verification (ICV-220705) were outside of the method control limits specified in SW8270E (70-130% recovery). These are flagged accordingly in the QC Summary report. The number of target compounds outside of the method control limits for the ICVs are less than 20% of the total number of compounds being reported; this is allowed in SW8270E specifications. These compounds were within method control limits in the associated LCS or were nondetect in the associated samples. No further corrective action was taken.

For Pesticides Analysis, the recoveries of two compounds for the Initial Calibration Verification (ICV-220705) were above the method control limits. These are flagged accordingly in the QC Summary report. These compounds were within method control limits in the associated LCS or were nondetect in the associated samples. No further corrective action was taken.

Exception Report S10-02

For Semivolatile Organics Analysis, the recovery of Pyridine for the Detectability Check Standard (DCS2-105301) was below the DHL Analytical internal control limits; the recovery meets TRRP specifications. This is flagged accordingly in the QC Summary report. This compound was within method control limits in the daily calibration. No further corrective action was taken.

For Pesticides Analysis, the recovery of Carbaryl for the Detectability Check Standard (DCS1-105784) was below the DHL Analytical internal control limits; the recovery meets TRRP specifications. This is flagged accordingly in the QC Summary report. This compound was within method control limits in the daily calibration. No further corrective action was taken.

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT: Terracon
Project: Sam Houston Middle School
Lab Order: 2207012

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2207012-01	BF-1		06/30/22 09:30 AM	7/1/2022
2207012-02	BF-2		06/30/22 09:45 AM	7/1/2022
2207012-03	BF-3		06/30/22 09:50 AM	7/1/2022
2207012-04	BF-4		06/30/22 10:00 AM	7/1/2022
2207012-05	BF-5		06/30/22 10:05 AM	7/1/2022
2207012-06	BF-6		06/30/22 10:25 AM	7/1/2022
2207012-07	BF-7		06/30/22 10:35 AM	7/1/2022
2207012-08	BF-8		06/30/22 10:45 AM	7/1/2022

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2207012-01A	BF-1	06/30/22 09:30 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-01B	BF-1	06/30/22 09:30 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-01C	BF-1	06/30/22 09:30 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-1	06/30/22 09:30 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-1	06/30/22 09:30 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-1	06/30/22 09:30 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-01D	BF-1	06/30/22 09:30 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-1	06/30/22 09:30 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-1	06/30/22 09:30 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-01E	BF-1	06/30/22 09:30 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-02A	BF-2	06/30/22 09:45 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-02B	BF-2	06/30/22 09:45 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-02C	BF-2	06/30/22 09:45 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-2	06/30/22 09:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-2	06/30/22 09:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-2	06/30/22 09:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-02D	BF-2	06/30/22 09:45 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-2	06/30/22 09:45 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-2	06/30/22 09:45 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-02E	BF-2	06/30/22 09:45 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-03A	BF-3	06/30/22 09:50 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-03B	BF-3	06/30/22 09:50 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-03C	BF-3	06/30/22 09:50 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-3	06/30/22 09:50 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-3	06/30/22 09:50 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-3	06/30/22 09:50 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-03D	BF-3	06/30/22 09:50 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-3	06/30/22 09:50 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2207012-03D	BF-3	06/30/22 09:50 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-03E	BF-3	06/30/22 09:50 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-04A	BF-4	06/30/22 10:00 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-04B	BF-4	06/30/22 10:00 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-04C	BF-4	06/30/22 10:00 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-4	06/30/22 10:00 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-4	06/30/22 10:00 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-4	06/30/22 10:00 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-04D	BF-4	06/30/22 10:00 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-4	06/30/22 10:00 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-4	06/30/22 10:00 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-04E	BF-4	06/30/22 10:00 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-05A	BF-5	06/30/22 10:05 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-05B	BF-5	06/30/22 10:05 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-05C	BF-5	06/30/22 10:05 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-5	06/30/22 10:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-5	06/30/22 10:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-5	06/30/22 10:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-05D	BF-5	06/30/22 10:05 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-5	06/30/22 10:05 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-5	06/30/22 10:05 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-05E	BF-5	06/30/22 10:05 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-06A	BF-6	06/30/22 10:25 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-06B	BF-6	06/30/22 10:25 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-06C	BF-6	06/30/22 10:25 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-6	06/30/22 10:25 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-6	06/30/22 10:25 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-6	06/30/22 10:25 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2207012-06D	BF-6	06/30/22 10:25 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-6	06/30/22 10:25 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-6	06/30/22 10:25 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-06E	BF-6	06/30/22 10:25 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-07A	BF-7	06/30/22 10:35 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-07B	BF-7	06/30/22 10:35 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-07C	BF-7	06/30/22 10:35 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-7	06/30/22 10:35 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-7	06/30/22 10:35 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-7	06/30/22 10:35 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-07D	BF-7	06/30/22 10:35 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-7	06/30/22 10:35 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-7	06/30/22 10:35 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-07E	BF-7	06/30/22 10:35 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063
2207012-08A	BF-8	06/30/22 10:45 AM	Soil	SW5035A	Purge and Trap 5035	07/01/22 03:40 PM	106038
2207012-08B	BF-8	06/30/22 10:45 AM	Soil	TX1005	TX1005 Soil Prep	07/08/22 10:51 AM	106125
2207012-08C	BF-8	06/30/22 10:45 AM	Soil	SW7471B	Mercury Soil Prep, Total	07/05/22 09:09 AM	106051
	BF-8	06/30/22 10:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-8	06/30/22 10:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
	BF-8	06/30/22 10:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	07/07/22 10:11 AM	106104
2207012-08D	BF-8	06/30/22 10:45 AM	Soil	SW3535A	Herbicide Soil Prep for LC/MS	07/07/22 09:23 AM	106101
	BF-8	06/30/22 10:45 AM	Soil	SW3550C	Soil Prep Sonication: BNA	07/05/22 08:44 AM	106050
	BF-8	06/30/22 10:45 AM	Soil	SW3550C	Soil Prep Sonication: Pest	07/05/22 08:40 AM	106048
2207012-08E	BF-8	06/30/22 10:45 AM	Soil	D2216	Moisture Preparation	07/05/22 04:10 PM	106063

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2207012-01A	BF-1	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 05:25 PM	GCMS1_220701A
2207012-01B	BF-1	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 11:08 AM	GC12_220711A
2207012-01C	BF-1	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:20 AM	CETAC2_HG_220706A
	BF-1	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 12:51 PM	ICP-MS4_220708A
	BF-1	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:35 AM	ICP-MS5_220708A
	BF-1	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:28 PM	ICP-MS5_220708A
2207012-01D	BF-1	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 06:21 PM	LCMS2_220708B
	BF-1	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/05/22 10:25 PM	GCMS10_220705A
	BF-1	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 05:32 PM	GCMS4_220705A
2207012-01E	BF-1	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-02A	BF-2	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 05:54 PM	GCMS1_220701A
2207012-02B	BF-2	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 11:17 AM	GC12_220711A
2207012-02C	BF-2	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:22 AM	CETAC2_HG_220706A
	BF-2	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 12:53 PM	ICP-MS4_220708A
	BF-2	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:38 AM	ICP-MS5_220708A
	BF-2	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:30 PM	ICP-MS5_220708A
2207012-02D	BF-2	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 06:40 PM	LCMS2_220708B
	BF-2	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/05/22 11:00 PM	GCMS10_220705A
	BF-2	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 05:58 PM	GCMS4_220705A
2207012-02E	BF-2	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-03A	BF-3	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 06:22 PM	GCMS1_220701A
2207012-03B	BF-3	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 11:26 AM	GC12_220711A
2207012-03C	BF-3	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:24 AM	CETAC2_HG_220706A
	BF-3	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 12:55 PM	ICP-MS4_220708A
	BF-3	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:40 AM	ICP-MS5_220708A
	BF-3	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:33 PM	ICP-MS5_220708A

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2207012-03D	BF-3	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 06:58 PM	LCMS2_220708B
	BF-3	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/05/22 11:36 PM	GCMS10_220705A
	BF-3	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 06:24 PM	GCMS4_220705A
2207012-03E	BF-3	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-04A	BF-4	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 06:51 PM	GCMS1_220701A
2207012-04B	BF-4	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 11:35 AM	GC12_220711A
2207012-04C	BF-4	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:26 AM	CETAC2_HG_220706A
	BF-4	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 12:57 PM	ICP-MS4_220708A
	BF-4	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:43 AM	ICP-MS5_220708A
	BF-4	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:36 PM	ICP-MS5_220708A
2207012-04D	BF-4	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 07:17 PM	LCMS2_220708B
	BF-4	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/06/22 12:11 AM	GCMS10_220705A
	BF-4	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 06:50 PM	GCMS4_220705A
2207012-04E	BF-4	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-05A	BF-5	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 07:20 PM	GCMS1_220701A
2207012-05B	BF-5	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 11:44 AM	GC12_220711A
2207012-05C	BF-5	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:29 AM	CETAC2_HG_220706A
	BF-5	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 12:59 PM	ICP-MS4_220708A
	BF-5	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:46 AM	ICP-MS5_220708A
	BF-5	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:38 PM	ICP-MS5_220708A
2207012-05D	BF-5	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 07:35 PM	LCMS2_220708B
	BF-5	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/06/22 12:46 AM	GCMS10_220705A
	BF-5	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 07:15 PM	GCMS4_220705A
2207012-05E	BF-5	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-06A	BF-6	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 07:48 PM	GCMS1_220701A
2207012-06B	BF-6	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 11:53 AM	GC12_220711A

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2207012-06C	BF-6	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:31 AM	CETAC2_HG_220706A
	BF-6	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 01:01 PM	ICP-MS4_220708A
	BF-6	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:48 AM	ICP-MS5_220708A
	BF-6	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:41 PM	ICP-MS5_220708A
2207012-06D	BF-6	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 07:53 PM	LCMS2_220708B
	BF-6	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/06/22 01:21 AM	GCMS10_220705A
	BF-6	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 07:41 PM	GCMS4_220705A
2207012-06E	BF-6	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-07A	BF-7	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 08:17 PM	GCMS1_220701A
2207012-07B	BF-7	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 12:02 PM	GC12_220711A
2207012-07C	BF-7	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:33 AM	CETAC2_HG_220706A
	BF-7	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 01:03 PM	ICP-MS4_220708A
	BF-7	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:51 AM	ICP-MS5_220708A
	BF-7	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:43 PM	ICP-MS5_220708A
2207012-07D	BF-7	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 08:12 PM	LCMS2_220708B
	BF-7	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/06/22 01:57 AM	GCMS10_220705A
	BF-7	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 08:07 PM	GCMS4_220705A
2207012-07E	BF-7	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A
2207012-08A	BF-8	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	106038	1	07/01/22 08:46 PM	GCMS1_220701A
2207012-08B	BF-8	Soil	TX1005	Tx1005 TPH Soil	106125	1	07/11/22 12:11 PM	GC12_220711A
2207012-08C	BF-8	Soil	SW7471B	Total Mercury: Soil/Solid	106051	1	07/06/22 11:36 AM	CETAC2_HG_220706A
	BF-8	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 01:05 PM	ICP-MS4_220708A
	BF-8	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	5	07/08/22 11:53 AM	ICP-MS5_220708A
	BF-8	Soil	SW6020B	Trace Metals: ICP-MS - Solid	106104	100	07/08/22 12:46 PM	ICP-MS5_220708A
2207012-08D	BF-8	Soil	SW8321B	Herbicide by HPLC-MS Soil	106101	1	07/08/22 08:30 PM	LCMS2_220708B
	BF-8	Soil	SW8270E-SimScan	Pesticide by GC/MS -Soil	106048	1	07/06/22 02:32 AM	GCMS10_220705A

Lab Order: 2207012
Client: Terracon
Project: Sam Houston Middle School

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2207012-08D	BF-8	Soil	SW8270E	Semivolatiles by GC/MS	106050	1	07/05/22 08:33 PM	GCMS4_220705A
2207012-08E	BF-8	Soil	D2216	Percent Moisture	106063	1	07/06/22 08:25 AM	PMOIST_220705A

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<7.39	7.39	21.1		mg/Kg-dry	1	07/11/22 11:08 AM
T/R Hydrocarbons: >C12-C28	<7.39	7.39	21.1		mg/Kg-dry	1	07/11/22 11:08 AM
T/R Hydrocarbons: >C28-C35	<7.39	7.39	21.1		mg/Kg-dry	1	07/11/22 11:08 AM
T/R Hydrocarbons: C6-C35	<7.39	7.39	21.1		mg/Kg-dry	1	07/11/22 11:08 AM
Surr: Isopropylbenzene	79.2	0	70-130		%REC	1	07/11/22 11:08 AM
Surr: Octacosane	93.6	0	70-130		%REC	1	07/11/22 11:08 AM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
2,4-DB	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
2,4,5-T	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
2,4,5-TP	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
Dalapon	<0.116	0.116	0.465		mg/Kg-dry	1	07/08/22 06:21 PM
Dicamba	<0.116	0.116	0.465		mg/Kg-dry	1	07/08/22 06:21 PM
Dichlorprop	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
Dinoseb	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
MCPA	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
MCPP	<0.0116	0.0116	0.0465		mg/Kg-dry	1	07/08/22 06:21 PM
Surr: CPMBA	106	0	45-140		%REC	1	07/08/22 06:21 PM
Surr: DCAA	102	0	45-140		%REC	1	07/08/22 06:21 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	33500	258	773		mg/Kg-dry	100	07/08/22 12:28 PM
Antimony	<0.515	0.515	1.03		mg/Kg-dry	5	07/08/22 11:35 AM
Arsenic	5.39	0.515	1.03		mg/Kg-dry	5	07/08/22 11:35 AM
Barium	126	0.515	2.06		mg/Kg-dry	5	07/08/22 11:35 AM
Beryllium	1.05	0.103	0.309		mg/Kg-dry	5	07/08/22 11:35 AM
Cadmium	0.210	0.103	0.309	J	mg/Kg-dry	5	07/08/22 11:35 AM
Calcium	99300	258	773		mg/Kg-dry	100	07/08/22 12:28 PM
Chromium	31.6	0.515	2.06		mg/Kg-dry	5	07/08/22 11:35 AM
Cobalt	8.06	0.515	2.06		mg/Kg-dry	5	07/08/22 11:35 AM
Copper	11.1	0.515	2.06		mg/Kg-dry	5	07/08/22 11:35 AM
Iron	21100	258	773		mg/Kg-dry	100	07/08/22 12:28 PM
Lead	13.4	0.103	0.309		mg/Kg-dry	5	07/08/22 11:35 AM
Magnesium	4290	12.9	38.7		mg/Kg-dry	5	07/08/22 11:35 AM
Manganese	467	0.515	2.06		mg/Kg-dry	5	07/08/22 11:35 AM
Nickel	19.9	0.515	2.06		mg/Kg-dry	5	07/08/22 11:35 AM
Potassium	3370	12.9	38.7		mg/Kg-dry	5	07/08/22 11:35 AM
Selenium	0.361	0.155	0.515	J	mg/Kg-dry	5	07/08/22 11:35 AM
Silver	<0.103	0.103	0.206		mg/Kg-dry	5	07/08/22 11:35 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	82.0	12.9	38.7		mg/Kg-dry	5	07/08/22 12:51 PM
Thallium	<0.515	0.515	1.03		mg/Kg-dry	5	07/08/22 11:35 AM
Vanadium	57.1	1.03	2.58		mg/Kg-dry	5	07/08/22 11:35 AM
Zinc	55.8	1.03	2.58		mg/Kg-dry	5	07/08/22 11:35 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0171	0.0171	0.0427		mg/Kg-dry	1	07/06/22 11:20 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2,4,6-Trichlorophenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2,4-Dichlorophenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2,4-Dimethylphenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2,4-Dinitrophenol	<0.0575	0.0575	0.152		mg/Kg-dry	1	07/05/22 05:32 PM
2,4-Dinitrotoluene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2,6-Dinitrotoluene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2-Chloronaphthalene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2-Chlorophenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2-Methylnaphthalene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2-Methylphenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2-Nitroaniline	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
2-Nitrophenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
3,3´-Dichlorobenzidine	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
3-Nitroaniline	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
4,6-Dinitro-2-methylphenol	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
4-Bromophenyl phenyl ether	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
4-Chloro-3-methylphenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
4-Chloroaniline	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
4-Chlorophenyl phenyl ether	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
4-Methylphenol	<0.0230	0.0230	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
4-Nitroaniline	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
4-Nitrophenol	<0.0575	0.0575	0.152		mg/Kg-dry	1	07/05/22 05:32 PM
Acenaphthene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Acenaphthylene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Acetophenone	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Anthracene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Atrazine	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Benzaldehyde	<0.0115	0.0115	0.0306	N	mg/Kg-dry	1	07/05/22 05:32 PM
Benzo[a]anthracene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Benzo[a]pyrene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM

Qualifiers:

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DF- Dilution Factor
N - Parameter not NELAP certified
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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Benzo[g,h,i]perylene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Benzo[k]fluoranthene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Benzoic acid	<0.0575	0.0575	0.152		mg/Kg-dry	1	07/05/22 05:32 PM
Benzyl alcohol	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Biphenyl	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Bis(2-chloroethoxy)methane	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Bis(2-chloroethyl)ether	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Bis(2-chloroisopropyl)ether	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Bis(2-ethylhexyl)phthalate	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Butyl benzyl phthalate	<0.0460	0.0460	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Caprolactam	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Carbazole	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Chrysene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Dibenz[a,h]anthracene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Dibenzofuran	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Diethyl phthalate	<0.0460	0.0460	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Dimethyl phthalate	<0.0460	0.0460	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Di-n-butyl phthalate	<0.0460	0.0460	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Di-n-octyl phthalate	<0.0460	0.0460	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Fluoranthene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Fluorene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Hexachlorobenzene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Hexachlorobutadiene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Hexachlorocyclopentadiene	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Hexachloroethane	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Indeno[1,2,3-cd]pyrene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Isophorone	<0.0345	0.0345	0.0759		mg/Kg-dry	1	07/05/22 05:32 PM
Naphthalene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Nitrobenzene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
N-Nitrosodi-n-propylamine	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
N-Nitrosodiphenylamine	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Pentachlorophenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Phenanthrene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Phenol	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Pyrene	<0.0115	0.0115	0.0306		mg/Kg-dry	1	07/05/22 05:32 PM
Pyridine	<0.0575	0.0575	0.152		mg/Kg-dry	1	07/05/22 05:32 PM
Surr: 2,4,6-Tribromophenol	65.0	0	45-126		%REC	1	07/05/22 05:32 PM
Surr: 2-Fluorobiphenyl	64.0	0	60-125		%REC	1	07/05/22 05:32 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	60.0	0	37-125		%REC	1	07/05/22 05:32 PM
Surr: 4-Terphenyl-d14	82.0	0	45-125		%REC	1	07/05/22 05:32 PM
Surr: Nitrobenzene-d5	66.0	0	45-125		%REC	1	07/05/22 05:32 PM
Surr: Phenol-d5	46.0	0	40-125		%REC	1	07/05/22 05:32 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
4,4´-DDE	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
4,4´-DDT	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Aldrin	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
alpha-BHC	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
alpha-Chlordane	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
beta-BHC	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Chlordane	<0.00766	0.00766	0.0230		mg/Kg-dry	1	07/05/22 10:25 PM
delta-BHC	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Dieldrin	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Endosulfan I	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Endosulfan II	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Endosulfan sulfate	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Endrin	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Endrin aldehyde	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Endrin ketone	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
gamma-BHC	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
gamma-Chlordane	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Heptachlor	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Heptachlor epoxide	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Methoxychlor	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Toxaphene	<0.0613	0.0613	0.192		mg/Kg-dry	1	07/05/22 10:25 PM
Atrazine	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Azinphosmethyl (Guthion)	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Carbaryl	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Chlorpyrifos (Dursban)	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Chlorpyrifos methyl	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Coumaphos	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Demeton, Total	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Diazinon	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Dichlorovos	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Disulfoton	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
EPN	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Ethoprop	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Famphur	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Fenchlorphos (Ronnel)	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Fonophos (Dyfonate)	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Malathion	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Merphos, Total	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Metolachlor	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Parathion, ethyl	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Parathion, methyl	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Phorate	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Phosmet	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Prothiofos (tokuthion)	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Sulfotepp	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Sulprofos (Bolstar)	<0.00153	0.00153	0.00460	N	mg/Kg-dry	1	07/05/22 10:25 PM
Tetrachlorvinphos (stirophos)	<0.00153	0.00153	0.00460		mg/Kg-dry	1	07/05/22 10:25 PM
Surr: 2-Fluorobiphenyl	46.0	0	43-125		%REC	1	07/05/22 10:25 PM
Surr: 4-Terphenyl-d14	58.9	0	32-125		%REC	1	07/05/22 10:25 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,1,1-Trichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,1,2,2-Tetrachloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,1,2-Trichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,1,2-Trichlorotrifluoroethane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
1,1-Dichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,1-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,1-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2,3-Trichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2,3-Trichloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2,4-Trichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2,4-Trimethylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2-Dibromo-3-chloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2-Dibromoethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2-Dichloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,2-Dichloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,3,5-Trimethylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,3-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1,4-Dichlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
1-Chlorohexane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
2,2-Dichloropropane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
2-Butanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
2-Chlorotoluene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
2-Hexanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
4-Chlorotoluene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
4-Methyl-2-pentanone	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
Acetone	<0.0160	0.0160	0.0533		mg/Kg-dry	1	07/01/22 05:25 PM
Benzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Bromobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Bromochloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Bromodichloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Bromoform	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Bromomethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Carbon disulfide	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
Carbon tetrachloride	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Chlorobenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Chloroethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Chloroform	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Chloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
cis-1,2-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
cis-1,3-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Cyclohexane	<0.00533	0.00533	0.0160	N	mg/Kg-dry	1	07/01/22 05:25 PM
Dibromochloromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Dibromomethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Dichlorodifluoromethane	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Ethylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Hexachlorobutadiene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Isopropylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
m,p-Xylene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Methyl Acetate	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
Methyl tert-butyl ether	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Methylcyclohexane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
Methylene chloride	<0.00533	0.00533	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Naphthalene	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
n-Butylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
n-Propylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-1
Project:	Sam Houston Middle School	**Lab ID:**	2207012-01
Project No:	95217460A	**Collection Date:**	06/30/22 09:30 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
p-Isopropyltoluene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
sec-Butylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Styrene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
tert-Butylbenzene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Tetrachloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Toluene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
trans-1,2-Dichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
trans-1,3-Dichloropropene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Trichloroethene	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Trichlorofluoromethane	<0.00533	0.00533	0.0160		mg/Kg-dry	1	07/01/22 05:25 PM
Vinyl chloride	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Xylenes, Total	<0.00107	0.00107	0.00533		mg/Kg-dry	1	07/01/22 05:25 PM
Surr: 1,2-Dichloroethane-d4	103	0	52-149		%REC	1	07/01/22 05:25 PM
Surr: 4-Bromofluorobenzene	108	0	84-118		%REC	1	07/01/22 05:25 PM
Surr: Dibromofluoromethane	99.9	0	65-135		%REC	1	07/01/22 05:25 PM
Surr: Toluene-d8	108	0	84-116		%REC	1	07/01/22 05:25 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	14.2	0	0		WT%	1	07/06/22 08:25 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<7.37	7.37	21.0		mg/Kg-dry	1	07/11/22 11:17 AM
T/R Hydrocarbons: >C12-C28	<7.37	7.37	21.0		mg/Kg-dry	1	07/11/22 11:17 AM
T/R Hydrocarbons: >C28-C35	<7.37	7.37	21.0		mg/Kg-dry	1	07/11/22 11:17 AM
T/R Hydrocarbons: C6-C35	<7.37	7.37	21.0		mg/Kg-dry	1	07/11/22 11:17 AM
Surr: Isopropylbenzene	78.1	0	70-130		%REC	1	07/11/22 11:17 AM
Surr: Octacosane	93.2	0	70-130		%REC	1	07/11/22 11:17 AM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
2,4-DB	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
2,4,5-T	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
2,4,5-TP	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
Dalapon	<0.114	0.114	0.457		mg/Kg-dry	1	07/08/22 06:40 PM
Dicamba	<0.114	0.114	0.457		mg/Kg-dry	1	07/08/22 06:40 PM
Dichlorprop	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
Dinoseb	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
MCPA	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
MCPP	<0.0114	0.0114	0.0457		mg/Kg-dry	1	07/08/22 06:40 PM
Surr: CPMBA	112	0	45-140		%REC	1	07/08/22 06:40 PM
Surr: DCAA	99.8	0	45-140		%REC	1	07/08/22 06:40 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	23600	274	821		mg/Kg-dry	100	07/08/22 12:30 PM
Antimony	<0.547	0.547	1.09		mg/Kg-dry	5	07/08/22 11:38 AM
Arsenic	5.09	0.547	1.09		mg/Kg-dry	5	07/08/22 11:38 AM
Barium	104	0.547	2.19		mg/Kg-dry	5	07/08/22 11:38 AM
Beryllium	0.952	0.109	0.328		mg/Kg-dry	5	07/08/22 11:38 AM
Cadmium	0.132	0.109	0.328	J	mg/Kg-dry	5	07/08/22 11:38 AM
Calcium	81200	274	821		mg/Kg-dry	100	07/08/22 12:30 PM
Chromium	25.0	0.547	2.19		mg/Kg-dry	5	07/08/22 11:38 AM
Cobalt	7.87	0.547	2.19		mg/Kg-dry	5	07/08/22 11:38 AM
Copper	9.68	0.547	2.19		mg/Kg-dry	5	07/08/22 11:38 AM
Iron	25100	274	821		mg/Kg-dry	100	07/08/22 12:30 PM
Lead	9.81	0.109	0.328		mg/Kg-dry	5	07/08/22 11:38 AM
Magnesium	3290	13.7	41.1		mg/Kg-dry	5	07/08/22 11:38 AM
Manganese	447	0.547	2.19		mg/Kg-dry	5	07/08/22 11:38 AM
Nickel	17.8	0.547	2.19		mg/Kg-dry	5	07/08/22 11:38 AM
Potassium	2840	13.7	41.1		mg/Kg-dry	5	07/08/22 11:38 AM
Selenium	0.309	0.164	0.547	J	mg/Kg-dry	5	07/08/22 11:38 AM
Silver	<0.109	0.109	0.219		mg/Kg-dry	5	07/08/22 11:38 AM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	178	13.7	41.1		mg/Kg-dry	5	07/08/22 12:53 PM
Thallium	<0.547	0.547	1.09		mg/Kg-dry	5	07/08/22 11:38 AM
Vanadium	46.9	1.09	2.74		mg/Kg-dry	5	07/08/22 11:38 AM
Zinc	45.5	1.09	2.74		mg/Kg-dry	5	07/08/22 11:38 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0168	0.0168	0.0420		mg/Kg-dry	1	07/06/22 11:22 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2,4,6-Trichlorophenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2,4-Dichlorophenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2,4-Dimethylphenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2,4-Dinitrophenol	<0.0569	0.0569	0.150		mg/Kg-dry	1	07/05/22 05:58 PM
2,4-Dinitrotoluene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2,6-Dinitrotoluene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2-Chloronaphthalene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2-Chlorophenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2-Methylnaphthalene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2-Methylphenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2-Nitroaniline	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
2-Nitrophenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
3,3´-Dichlorobenzidine	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
3-Nitroaniline	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
4,6-Dinitro-2-methylphenol	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
4-Bromophenyl phenyl ether	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
4-Chloro-3-methylphenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
4-Chloroaniline	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
4-Chlorophenyl phenyl ether	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
4-Methylphenol	<0.0228	0.0228	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
4-Nitroaniline	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
4-Nitrophenol	<0.0569	0.0569	0.150		mg/Kg-dry	1	07/05/22 05:58 PM
Acenaphthene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Acenaphthylene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Acetophenone	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Anthracene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Atrazine	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Benzaldehyde	<0.0114	0.0114	0.0303	N	mg/Kg-dry	1	07/05/22 05:58 PM
Benzo[a]anthracene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Benzo[a]pyrene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Benzo[g,h,i]perylene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Benzo[k]fluoranthene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Benzoic acid	<0.0569	0.0569	0.150		mg/Kg-dry	1	07/05/22 05:58 PM
Benzyl alcohol	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Biphenyl	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Bis(2-chloroethoxy)methane	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Bis(2-chloroethyl)ether	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Bis(2-chloroisopropyl)ether	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Bis(2-ethylhexyl)phthalate	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Butyl benzyl phthalate	<0.0455	0.0455	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Caprolactam	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Carbazole	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Chrysene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Dibenz[a,h]anthracene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Dibenzofuran	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Diethyl phthalate	<0.0455	0.0455	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Dimethyl phthalate	<0.0455	0.0455	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Di-n-butyl phthalate	<0.0455	0.0455	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Di-n-octyl phthalate	<0.0455	0.0455	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Fluoranthene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Fluorene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Hexachlorobenzene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Hexachlorobutadiene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Hexachlorocyclopentadiene	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Hexachloroethane	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Indeno[1,2,3-cd]pyrene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Isophorone	<0.0341	0.0341	0.0751		mg/Kg-dry	1	07/05/22 05:58 PM
Naphthalene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Nitrobenzene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
N-Nitrosodi-n-propylamine	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
N-Nitrosodiphenylamine	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Pentachlorophenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Phenanthrene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Phenol	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Pyrene	<0.0114	0.0114	0.0303		mg/Kg-dry	1	07/05/22 05:58 PM
Pyridine	<0.0569	0.0569	0.150		mg/Kg-dry	1	07/05/22 05:58 PM
Surr: 2,4,6-Tribromophenol	53.0	0	45-126		%REC	1	07/05/22 05:58 PM
Surr: 2-Fluorobiphenyl	53.0	0	60-125	S	%REC	1	07/05/22 05:58 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	52.0	0	37-125		%REC	1	07/05/22 05:58 PM
Surr: 4-Terphenyl-d14	65.0	0	45-125		%REC	1	07/05/22 05:58 PM
Surr: Nitrobenzene-d5	55.0	0	45-125		%REC	1	07/05/22 05:58 PM
Surr: Phenol-d5	36.0	0	40-125	S	%REC	1	07/05/22 05:58 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
4,4´-DDE	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
4,4´-DDT	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Aldrin	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
alpha-BHC	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
alpha-Chlordane	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
beta-BHC	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Chlordane	<0.00759	0.00759	0.0228		mg/Kg-dry	1	07/05/22 11:00 PM
delta-BHC	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Dieldrin	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Endosulfan I	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Endosulfan II	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Endosulfan sulfate	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Endrin	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Endrin aldehyde	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Endrin ketone	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
gamma-BHC	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
gamma-Chlordane	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Heptachlor	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Heptachlor epoxide	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Methoxychlor	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Toxaphene	<0.0607	0.0607	0.190		mg/Kg-dry	1	07/05/22 11:00 PM
Atrazine	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Azinphosmethyl (Guthion)	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Carbaryl	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Chlorpyrifos (Dursban)	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Chlorpyrifos methyl	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Coumaphos	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Demeton, Total	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Diazinon	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Dichlorovos	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Disulfoton	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
EPN	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Ethoprop	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Famphur	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Fenchlorphos (Ronnel)	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Fonophos (Dyfonate)	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Malathion	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Merphos, Total	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Metolachlor	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Parathion, ethyl	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Parathion, methyl	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Phorate	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Phosmet	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Prothiofos (tokuthion)	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Sulfotepp	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Sulprofos (Bolstar)	<0.00152	0.00152	0.00455	N	mg/Kg-dry	1	07/05/22 11:00 PM
Tetrachlorvinphos (stirophos)	<0.00152	0.00152	0.00455		mg/Kg-dry	1	07/05/22 11:00 PM
Surr: 2-Fluorobiphenyl	44.5	0	43-125		%REC	1	07/05/22 11:00 PM
Surr: 4-Terphenyl-d14	56.2	0	32-125		%REC	1	07/05/22 11:00 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,1,1-Trichloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,1,2,2-Tetrachloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,1,2-Trichloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,1,2-Trichlorotrifluoroethane	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
1,1-Dichloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,1-Dichloroethene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,1-Dichloropropene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2,3-Trichlorobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2,3-Trichloropropane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2,4-Trichlorobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2,4-Trimethylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2-Dibromo-3-chloropropane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2-Dibromoethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2-Dichlorobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2-Dichloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,2-Dichloropropane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,3,5-Trimethylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,3-Dichlorobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1,4-Dichlorobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
1-Chlorohexane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
2,2-Dichloropropane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
2-Butanone	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
2-Chlorotoluene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
2-Hexanone	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
4-Chlorotoluene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
4-Methyl-2-pentanone	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
Acetone	<0.0143	0.0143	0.0478		mg/Kg-dry	1	07/01/22 05:54 PM
Benzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Bromobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Bromochloromethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Bromodichloromethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Bromoform	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Bromomethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Carbon disulfide	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
Carbon tetrachloride	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Chlorobenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Chloroethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Chloroform	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Chloromethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
cis-1,2-Dichloroethene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
cis-1,3-Dichloropropene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Cyclohexane	<0.00478	0.00478	0.0143	N	mg/Kg-dry	1	07/01/22 05:54 PM
Dibromochloromethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Dibromomethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Dichlorodifluoromethane	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Ethylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Hexachlorobutadiene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Isopropylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
m,p-Xylene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Methyl Acetate	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
Methyl tert-butyl ether	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Methylcyclohexane	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
Methylene chloride	<0.00478	0.00478	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Naphthalene	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
n-Butylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
n-Propylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-2
Project:	Sam Houston Middle School	**Lab ID:**	2207012-02
Project No:	95217460A	**Collection Date:**	06/30/22 09:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
p-Isopropyltoluene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
sec-Butylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Styrene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
tert-Butylbenzene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Tetrachloroethene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Toluene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
trans-1,2-Dichloroethene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
trans-1,3-Dichloropropene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Trichloroethene	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Trichlorofluoromethane	<0.00478	0.00478	0.0143		mg/Kg-dry	1	07/01/22 05:54 PM
Vinyl chloride	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Xylenes, Total	<0.000956	0.000956	0.00478		mg/Kg-dry	1	07/01/22 05:54 PM
Surr: 1,2-Dichloroethane-d4	97.4	0	52-149		%REC	1	07/01/22 05:54 PM
Surr: 4-Bromofluorobenzene	107	0	84-118		%REC	1	07/01/22 05:54 PM
Surr: Dibromofluoromethane	98.8	0	65-135		%REC	1	07/01/22 05:54 PM
Surr: Toluene-d8	109	0	84-116		%REC	1	07/01/22 05:54 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	13.8	0	0		WT%	1	07/06/22 08:25 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<8.19	8.19	23.4		mg/Kg-dry	1	07/11/22 11:26 AM
T/R Hydrocarbons: >C12-C28	<8.19	8.19	23.4		mg/Kg-dry	1	07/11/22 11:26 AM
T/R Hydrocarbons: >C28-C35	<8.19	8.19	23.4		mg/Kg-dry	1	07/11/22 11:26 AM
T/R Hydrocarbons: C6-C35	<8.19	8.19	23.4		mg/Kg-dry	1	07/11/22 11:26 AM
Surr: Isopropylbenzene	78.2	0	70-130		%REC	1	07/11/22 11:26 AM
Surr: Octacosane	93.5	0	70-130		%REC	1	07/11/22 11:26 AM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
2,4-DB	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
2,4,5-T	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
2,4,5-TP	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
Dalapon	<0.110	0.110	0.438		mg/Kg-dry	1	07/08/22 06:58 PM
Dicamba	<0.110	0.110	0.438		mg/Kg-dry	1	07/08/22 06:58 PM
Dichlorprop	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
Dinoseb	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
MCPA	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
MCPP	<0.0110	0.0110	0.0438		mg/Kg-dry	1	07/08/22 06:58 PM
Surr: CPMBA	118	0	45-140		%REC	1	07/08/22 06:58 PM
Surr: DCAA	106	0	45-140		%REC	1	07/08/22 06:58 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	28400	252	757		mg/Kg-dry	100	07/08/22 12:33 PM
Antimony	<0.505	0.505	1.01		mg/Kg-dry	5	07/08/22 11:40 AM
Arsenic	5.23	0.505	1.01		mg/Kg-dry	5	07/08/22 11:40 AM
Barium	92.8	0.505	2.02		mg/Kg-dry	5	07/08/22 11:40 AM
Beryllium	0.955	0.101	0.303		mg/Kg-dry	5	07/08/22 11:40 AM
Cadmium	0.163	0.101	0.303	J	mg/Kg-dry	5	07/08/22 11:40 AM
Calcium	114000	252	757		mg/Kg-dry	100	07/08/22 12:33 PM
Chromium	28.7	0.505	2.02		mg/Kg-dry	5	07/08/22 11:40 AM
Cobalt	7.19	0.505	2.02		mg/Kg-dry	5	07/08/22 11:40 AM
Copper	10.4	0.505	2.02		mg/Kg-dry	5	07/08/22 11:40 AM
Iron	19600	252	757		mg/Kg-dry	100	07/08/22 12:33 PM
Lead	10.5	0.101	0.303		mg/Kg-dry	5	07/08/22 11:40 AM
Magnesium	3680	12.6	37.9		mg/Kg-dry	5	07/08/22 11:40 AM
Manganese	366	0.505	2.02		mg/Kg-dry	5	07/08/22 11:40 AM
Nickel	18.2	0.505	2.02		mg/Kg-dry	5	07/08/22 11:40 AM
Potassium	3020	12.6	37.9		mg/Kg-dry	5	07/08/22 11:40 AM
Selenium	0.312	0.151	0.505	J	mg/Kg-dry	5	07/08/22 11:40 AM
Silver	<0.101	0.101	0.202		mg/Kg-dry	5	07/08/22 11:40 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	95.8	12.6	37.9		mg/Kg-dry	5	07/08/22 12:55 PM
Thallium	<0.505	0.505	1.01		mg/Kg-dry	5	07/08/22 11:40 AM
Vanadium	51.9	1.01	2.52		mg/Kg-dry	5	07/08/22 11:40 AM
Zinc	47.4	1.01	2.52		mg/Kg-dry	5	07/08/22 11:40 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0162	0.0162	0.0405		mg/Kg-dry	1	07/06/22 11:24 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2,4,6-Trichlorophenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2,4-Dichlorophenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2,4-Dimethylphenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2,4-Dinitrophenol	<0.0559	0.0559	0.148		mg/Kg-dry	1	07/05/22 06:24 PM
2,4-Dinitrotoluene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2,6-Dinitrotoluene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2-Chloronaphthalene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2-Chlorophenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2-Methylnaphthalene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2-Methylphenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2-Nitroaniline	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
2-Nitrophenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
3,3´-Dichlorobenzidine	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
3-Nitroaniline	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
4,6-Dinitro-2-methylphenol	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
4-Bromophenyl phenyl ether	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
4-Chloro-3-methylphenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
4-Chloroaniline	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
4-Chlorophenyl phenyl ether	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
4-Methylphenol	<0.0224	0.0224	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
4-Nitroaniline	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
4-Nitrophenol	<0.0559	0.0559	0.148		mg/Kg-dry	1	07/05/22 06:24 PM
Acenaphthene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Acenaphthylene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Acetophenone	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Anthracene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Atrazine	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Benzaldehyde	<0.0112	0.0112	0.0298	N	mg/Kg-dry	1	07/05/22 06:24 PM
Benzo[a]anthracene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Benzo[a]pyrene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Benzo[g,h,i]perylene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Benzo[k]fluoranthene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Benzoic acid	<0.0559	0.0559	0.148		mg/Kg-dry	1	07/05/22 06:24 PM
Benzyl alcohol	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Biphenyl	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Bis(2-chloroethoxy)methane	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Bis(2-chloroethyl)ether	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Bis(2-chloroisopropyl)ether	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Bis(2-ethylhexyl)phthalate	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Butyl benzyl phthalate	<0.0448	0.0448	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Caprolactam	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Carbazole	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Chrysene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Dibenz[a,h]anthracene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Dibenzofuran	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Diethyl phthalate	<0.0448	0.0448	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Dimethyl phthalate	<0.0448	0.0448	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Di-n-butyl phthalate	<0.0448	0.0448	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Di-n-octyl phthalate	<0.0448	0.0448	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Fluoranthene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Fluorene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Hexachlorobenzene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Hexachlorobutadiene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Hexachlorocyclopentadiene	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Hexachloroethane	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Indeno[1,2,3-cd]pyrene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Isophorone	<0.0336	0.0336	0.0739		mg/Kg-dry	1	07/05/22 06:24 PM
Naphthalene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Nitrobenzene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
N-Nitrosodi-n-propylamine	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
N-Nitrosodiphenylamine	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Pentachlorophenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Phenanthrene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Phenol	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Pyrene	<0.0112	0.0112	0.0298		mg/Kg-dry	1	07/05/22 06:24 PM
Pyridine	<0.0559	0.0559	0.148		mg/Kg-dry	1	07/05/22 06:24 PM
Surr: 2,4,6-Tribromophenol	63.0	0	45-126		%REC	1	07/05/22 06:24 PM
Surr: 2-Fluorobiphenyl	58.0	0	60-125	S	%REC	1	07/05/22 06:24 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	56.0	0	37-125		%REC	1	07/05/22 06:24 PM
Surr: 4-Terphenyl-d14	79.0	0	45-125		%REC	1	07/05/22 06:24 PM
Surr: Nitrobenzene-d5	62.0	0	45-125		%REC	1	07/05/22 06:24 PM
Surr: Phenol-d5	44.0	0	40-125		%REC	1	07/05/22 06:24 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
4,4´-DDE	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
4,4´-DDT	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Aldrin	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
alpha-BHC	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
alpha-Chlordane	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
beta-BHC	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Chlordane	<0.00746	0.00746	0.0224		mg/Kg-dry	1	07/05/22 11:36 PM
delta-BHC	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Dieldrin	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Endosulfan I	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Endosulfan II	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Endosulfan sulfate	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Endrin	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Endrin aldehyde	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Endrin ketone	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
gamma-BHC	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
gamma-Chlordane	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Heptachlor	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Heptachlor epoxide	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Methoxychlor	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Toxaphene	<0.0597	0.0597	0.186		mg/Kg-dry	1	07/05/22 11:36 PM
Atrazine	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Azinphosmethyl (Guthion)	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Carbaryl	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Chlorpyrifos (Dursban)	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Chlorpyrifos methyl	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Coumaphos	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Demeton, Total	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Diazinon	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Dichlorovos	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Disulfoton	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
EPN	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Ethoprop	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Famphur	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Fenchlorphos (Ronnel)	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Fonophos (Dyfonate)	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Malathion	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Merphos, Total	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Metolachlor	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Parathion, ethyl	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Parathion, methyl	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Phorate	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Phosmet	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Prothiofos (tokuthion)	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Sulfotepp	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Sulprofos (Bolstar)	<0.00149	0.00149	0.00448	N	mg/Kg-dry	1	07/05/22 11:36 PM
Tetrachlorvinphos (stirophos)	<0.00149	0.00149	0.00448		mg/Kg-dry	1	07/05/22 11:36 PM
Surr: 2-Fluorobiphenyl	48.8	0	43-125		%REC	1	07/05/22 11:36 PM
Surr: 4-Terphenyl-d14	64.2	0	32-125		%REC	1	07/05/22 11:36 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,1,1-Trichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,1,2,2-Tetrachloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,1,2-Trichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,1,2-Trichlorotrifluoroethane	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
1,1-Dichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,1-Dichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,1-Dichloropropene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2,3-Trichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2,3-Trichloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2,4-Trichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2,4-Trimethylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2-Dibromo-3-chloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2-Dibromoethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2-Dichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2-Dichloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,2-Dichloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,3,5-Trimethylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,3-Dichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1,4-Dichlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
1-Chlorohexane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
2,2-Dichloropropane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
2-Butanone	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
2-Chlorotoluene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
2-Hexanone	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
4-Chlorotoluene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
4-Methyl-2-pentanone	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
Acetone	<0.0151	0.0151	0.0505		mg/Kg-dry	1	07/01/22 06:22 PM
Benzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Bromobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Bromochloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Bromodichloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Bromoform	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Bromomethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Carbon disulfide	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
Carbon tetrachloride	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Chlorobenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Chloroethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Chloroform	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Chloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
cis-1,2-Dichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
cis-1,3-Dichloropropene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Cyclohexane	<0.00505	0.00505	0.0151	N	mg/Kg-dry	1	07/01/22 06:22 PM
Dibromochloromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Dibromomethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Dichlorodifluoromethane	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Ethylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Hexachlorobutadiene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Isopropylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
m,p-Xylene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Methyl Acetate	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
Methyl tert-butyl ether	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Methylcyclohexane	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
Methylene chloride	<0.00505	0.00505	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Naphthalene	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
n-Butylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
n-Propylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-3
Project:	Sam Houston Middle School	**Lab ID:**	2207012-03
Project No:	95217460A	**Collection Date:**	06/30/22 09:50 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
p-Isopropyltoluene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
sec-Butylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Styrene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
tert-Butylbenzene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Tetrachloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Toluene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
trans-1,2-Dichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
trans-1,3-Dichloropropene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Trichloroethene	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Trichlorofluoromethane	<0.00505	0.00505	0.0151		mg/Kg-dry	1	07/01/22 06:22 PM
Vinyl chloride	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Xylenes, Total	<0.00101	0.00101	0.00505		mg/Kg-dry	1	07/01/22 06:22 PM
Surr: 1,2-Dichloroethane-d4	100	0	52-149		%REC	1	07/01/22 06:22 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	07/01/22 06:22 PM
Surr: Dibromofluoromethane	99.4	0	65-135		%REC	1	07/01/22 06:22 PM
Surr: Toluene-d8	108	0	84-116		%REC	1	07/01/22 06:22 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	11.6	0	0		WT%	1	07/06/22 08:25 AM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<8.40	8.40	24.0		mg/Kg-dry	1	07/11/22 11:35 AM
T/R Hydrocarbons: >C12-C28	<8.40	8.40	24.0		mg/Kg-dry	1	07/11/22 11:35 AM
T/R Hydrocarbons: >C28-C35	<8.40	8.40	24.0		mg/Kg-dry	1	07/11/22 11:35 AM
T/R Hydrocarbons: C6-C35	<8.40	8.40	24.0		mg/Kg-dry	1	07/11/22 11:35 AM
Surr: Isopropylbenzene	78.3	0	70-130		%REC	1	07/11/22 11:35 AM
Surr: Octacosane	93.4	0	70-130		%REC	1	07/11/22 11:35 AM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
2,4-DB	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
2,4,5-T	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
2,4,5-TP	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
Dalapon	<0.116	0.116	0.464		mg/Kg-dry	1	07/08/22 07:17 PM
Dicamba	<0.116	0.116	0.464		mg/Kg-dry	1	07/08/22 07:17 PM
Dichlorprop	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
Dinoseb	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
MCPA	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
MCPP	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 07:17 PM
Surr: CPMBA	114	0	45-140		%REC	1	07/08/22 07:17 PM
Surr: DCAA	94.5	0	45-140		%REC	1	07/08/22 07:17 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	34500	286	857		mg/Kg-dry	100	07/08/22 12:36 PM
Antimony	<0.571	0.571	1.14		mg/Kg-dry	5	07/08/22 11:43 AM
Arsenic	5.45	0.571	1.14		mg/Kg-dry	5	07/08/22 11:43 AM
Barium	142	0.571	2.29		mg/Kg-dry	5	07/08/22 11:43 AM
Beryllium	1.07	0.114	0.343		mg/Kg-dry	5	07/08/22 11:43 AM
Cadmium	0.184	0.114	0.343	J	mg/Kg-dry	5	07/08/22 11:43 AM
Calcium	105000	286	857		mg/Kg-dry	100	07/08/22 12:36 PM
Chromium	32.3	0.571	2.29		mg/Kg-dry	5	07/08/22 11:43 AM
Cobalt	8.08	0.571	2.29		mg/Kg-dry	5	07/08/22 11:43 AM
Copper	11.3	0.571	2.29		mg/Kg-dry	5	07/08/22 11:43 AM
Iron	21400	286	857		mg/Kg-dry	100	07/08/22 12:36 PM
Lead	13.2	0.114	0.343		mg/Kg-dry	5	07/08/22 11:43 AM
Magnesium	4380	14.3	42.9		mg/Kg-dry	5	07/08/22 11:43 AM
Manganese	510	0.571	2.29		mg/Kg-dry	5	07/08/22 11:43 AM
Nickel	20.3	0.571	2.29		mg/Kg-dry	5	07/08/22 11:43 AM
Potassium	3540	14.3	42.9		mg/Kg-dry	5	07/08/22 11:43 AM
Selenium	0.355	0.171	0.571	J	mg/Kg-dry	5	07/08/22 11:43 AM
Silver	<0.114	0.114	0.229		mg/Kg-dry	5	07/08/22 11:43 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	86.9	14.3	42.9		mg/Kg-dry	5	07/08/22 12:57 PM
Thallium	<0.571	0.571	1.14		mg/Kg-dry	5	07/08/22 11:43 AM
Vanadium	58.3	1.14	2.86		mg/Kg-dry	5	07/08/22 11:43 AM
Zinc	56.9	1.14	2.86		mg/Kg-dry	5	07/08/22 11:43 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0180	0.0180	0.0449		mg/Kg-dry	1	07/06/22 11:26 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2,4,6-Trichlorophenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2,4-Dichlorophenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2,4-Dimethylphenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2,4-Dinitrophenol	<0.0588	0.0588	0.155		mg/Kg-dry	1	07/05/22 06:50 PM
2,4-Dinitrotoluene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2,6-Dinitrotoluene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2-Chloronaphthalene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2-Chlorophenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2-Methylnaphthalene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2-Methylphenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2-Nitroaniline	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
2-Nitrophenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
3,3´-Dichlorobenzidine	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
3-Nitroaniline	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
4,6-Dinitro-2-methylphenol	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
4-Bromophenyl phenyl ether	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
4-Chloro-3-methylphenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
4-Chloroaniline	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
4-Chlorophenyl phenyl ether	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
4-Methylphenol	<0.0235	0.0235	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
4-Nitroaniline	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
4-Nitrophenol	<0.0588	0.0588	0.155		mg/Kg-dry	1	07/05/22 06:50 PM
Acenaphthene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Acenaphthylene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Acetophenone	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Anthracene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Atrazine	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Benzaldehyde	<0.0118	0.0118	0.0313	N	mg/Kg-dry	1	07/05/22 06:50 PM
Benzo[a]anthracene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Benzo[a]pyrene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Benzo[g,h,i]perylene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Benzo[k]fluoranthene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Benzoic acid	<0.0588	0.0588	0.155		mg/Kg-dry	1	07/05/22 06:50 PM
Benzyl alcohol	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Biphenyl	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Bis(2-chloroethoxy)methane	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Bis(2-chloroethyl)ether	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Bis(2-chloroisopropyl)ether	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Bis(2-ethylhexyl)phthalate	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Butyl benzyl phthalate	<0.0470	0.0470	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Caprolactam	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Carbazole	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Chrysene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Dibenz[a,h]anthracene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Dibenzofuran	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Diethyl phthalate	<0.0470	0.0470	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Dimethyl phthalate	<0.0470	0.0470	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Di-n-butyl phthalate	<0.0470	0.0470	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Di-n-octyl phthalate	<0.0470	0.0470	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Fluoranthene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Fluorene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Hexachlorobenzene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Hexachlorobutadiene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Hexachlorocyclopentadiene	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Hexachloroethane	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Isophorone	<0.0353	0.0353	0.0776		mg/Kg-dry	1	07/05/22 06:50 PM
Naphthalene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Nitrobenzene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
N-Nitrosodi-n-propylamine	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
N-Nitrosodiphenylamine	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Pentachlorophenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Phenanthrene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Phenol	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Pyrene	<0.0118	0.0118	0.0313		mg/Kg-dry	1	07/05/22 06:50 PM
Pyridine	<0.0588	0.0588	0.155		mg/Kg-dry	1	07/05/22 06:50 PM
Surr: 2,4,6-Tribromophenol	63.0	0	45-126		%REC	1	07/05/22 06:50 PM
Surr: 2-Fluorobiphenyl	61.0	0	60-125		%REC	1	07/05/22 06:50 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	59.0	0	37-125		%REC	1	07/05/22 06:50 PM
Surr: 4-Terphenyl-d14	75.0	0	45-125		%REC	1	07/05/22 06:50 PM
Surr: Nitrobenzene-d5	64.0	0	45-125		%REC	1	07/05/22 06:50 PM
Surr: Phenol-d5	39.0	0	40-125	S	%REC	1	07/05/22 06:50 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
4,4´-DDE	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
4,4´-DDT	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Aldrin	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
alpha-BHC	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
alpha-Chlordane	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
beta-BHC	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Chlordane	<0.00784	0.00784	0.0235		mg/Kg-dry	1	07/06/22 12:11 AM
delta-BHC	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Dieldrin	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Endosulfan I	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Endosulfan II	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Endosulfan sulfate	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Endrin	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Endrin aldehyde	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Endrin ketone	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
gamma-BHC	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
gamma-Chlordane	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Heptachlor	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Heptachlor epoxide	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Methoxychlor	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Toxaphene	<0.0627	0.0627	0.196		mg/Kg-dry	1	07/06/22 12:11 AM
Atrazine	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Azinphosmethyl (Guthion)	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Carbaryl	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Chlorpyrifos (Dursban)	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Chlorpyrifos methyl	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Coumaphos	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Demeton, Total	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Diazinon	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Dichlorovos	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Disulfoton	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
EPN	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Ethoprop	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Famphur	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Fenchlorphos (Ronnel)	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Fonophos (Dyfonate)	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Malathion	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Merphos, Total	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Metolachlor	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Parathion, ethyl	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Parathion, methyl	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Phorate	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Phosmet	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Prothiofos (tokuthion)	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Sulfotepp	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Sulprofos (Bolstar)	<0.00157	0.00157	0.00470	N	mg/Kg-dry	1	07/06/22 12:11 AM
Tetrachlorvinphos (stirophos)	<0.00157	0.00157	0.00470		mg/Kg-dry	1	07/06/22 12:11 AM
Surr: 2-Fluorobiphenyl	45.8	0	43-125		%REC	1	07/06/22 12:11 AM
Surr: 4-Terphenyl-d14	57.3	0	32-125		%REC	1	07/06/22 12:11 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,1,1-Trichloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,1,2,2-Tetrachloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,1,2-Trichloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,1,2-Trichlorotrifluoroethane	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
1,1-Dichloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,1-Dichloroethene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,1-Dichloropropene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2,3-Trichlorobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2,3-Trichloropropane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2,4-Trichlorobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2,4-Trimethylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2-Dibromo-3-chloropropane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2-Dibromoethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2-Dichlorobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2-Dichloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,2-Dichloropropane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,3,5-Trimethylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,3-Dichlorobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM

Qualifiers:

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DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1,4-Dichlorobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
1-Chlorohexane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
2,2-Dichloropropane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
2-Butanone	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
2-Chlorotoluene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
2-Hexanone	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
4-Chlorotoluene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
4-Methyl-2-pentanone	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
Acetone	<0.0107	0.0107	0.0356		mg/Kg-dry	1	07/01/22 06:51 PM
Benzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Bromobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Bromochloromethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Bromodichloromethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Bromoform	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Bromomethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Carbon disulfide	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
Carbon tetrachloride	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Chlorobenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Chloroethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Chloroform	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Chloromethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
cis-1,2-Dichloroethene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
cis-1,3-Dichloropropene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Cyclohexane	<0.00356	0.00356	0.0107	N	mg/Kg-dry	1	07/01/22 06:51 PM
Dibromochloromethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Dibromomethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Dichlorodifluoromethane	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Ethylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Hexachlorobutadiene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Isopropylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
m,p-Xylene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Methyl Acetate	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
Methyl tert-butyl ether	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Methylcyclohexane	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
Methylene chloride	<0.00356	0.00356	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Naphthalene	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
n-Butylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
n-Propylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-4
Project:	Sam Houston Middle School	**Lab ID:**	2207012-04
Project No:	95217460A	**Collection Date:**	06/30/22 10:00 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
p-Isopropyltoluene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
sec-Butylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Styrene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
tert-Butylbenzene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Tetrachloroethene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Toluene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
trans-1,2-Dichloroethene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
trans-1,3-Dichloropropene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Trichloroethene	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Trichlorofluoromethane	<0.00356	0.00356	0.0107		mg/Kg-dry	1	07/01/22 06:51 PM
Vinyl chloride	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Xylenes, Total	<0.000712	0.000712	0.00356		mg/Kg-dry	1	07/01/22 06:51 PM
Surr: 1,2-Dichloroethane-d4	102	0	52-149		%REC	1	07/01/22 06:51 PM
Surr: 4-Bromofluorobenzene	104	0	84-118		%REC	1	07/01/22 06:51 PM
Surr: Dibromofluoromethane	102	0	65-135		%REC	1	07/01/22 06:51 PM
Surr: Toluene-d8	109	0	84-116		%REC	1	07/01/22 06:51 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	15.9	0	0		WT%	1	07/06/22 08:25 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<8.11	8.11	23.2		mg/Kg-dry	1	07/11/22 11:44 AM
T/R Hydrocarbons: >C12-C28	<8.11	8.11	23.2		mg/Kg-dry	1	07/11/22 11:44 AM
T/R Hydrocarbons: >C28-C35	<8.11	8.11	23.2		mg/Kg-dry	1	07/11/22 11:44 AM
T/R Hydrocarbons: C6-C35	<8.11	8.11	23.2		mg/Kg-dry	1	07/11/22 11:44 AM
Surr: Isopropylbenzene	78.6	0	70-130		%REC	1	07/11/22 11:44 AM
Surr: Octacosane	92.9	0	70-130		%REC	1	07/11/22 11:44 AM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
2,4-DB	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
2,4,5-T	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
2,4,5-TP	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
Dalapon	<0.111	0.111	0.442		mg/Kg-dry	1	07/08/22 07:35 PM
Dicamba	<0.111	0.111	0.442		mg/Kg-dry	1	07/08/22 07:35 PM
Dichlorprop	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
Dinoseb	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
MCPA	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
MCPP	<0.0111	0.0111	0.0442		mg/Kg-dry	1	07/08/22 07:35 PM
Surr: CPMBA	115	0	45-140		%REC	1	07/08/22 07:35 PM
Surr: DCAA	93.7	0	45-140		%REC	1	07/08/22 07:35 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	18900	239	717		mg/Kg-dry	100	07/08/22 12:38 PM
Antimony	<0.478	0.478	0.956		mg/Kg-dry	5	07/08/22 11:46 AM
Arsenic	5.71	0.478	0.956		mg/Kg-dry	5	07/08/22 11:46 AM
Barium	68.8	0.478	1.91		mg/Kg-dry	5	07/08/22 11:46 AM
Beryllium	0.754	0.0956	0.287		mg/Kg-dry	5	07/08/22 11:46 AM
Cadmium	0.146	0.0956	0.287	J	mg/Kg-dry	5	07/08/22 11:46 AM
Calcium	86600	239	717		mg/Kg-dry	100	07/08/22 12:38 PM
Chromium	20.5	0.478	1.91		mg/Kg-dry	5	07/08/22 11:46 AM
Cobalt	6.36	0.478	1.91		mg/Kg-dry	5	07/08/22 11:46 AM
Copper	8.73	0.478	1.91		mg/Kg-dry	5	07/08/22 11:46 AM
Iron	17400	239	717		mg/Kg-dry	100	07/08/22 12:38 PM
Lead	8.30	0.0956	0.287		mg/Kg-dry	5	07/08/22 11:46 AM
Magnesium	2670	12.0	35.9		mg/Kg-dry	5	07/08/22 11:46 AM
Manganese	335	0.478	1.91		mg/Kg-dry	5	07/08/22 11:46 AM
Nickel	15.9	0.478	1.91		mg/Kg-dry	5	07/08/22 11:46 AM
Potassium	2330	12.0	35.9		mg/Kg-dry	5	07/08/22 11:46 AM
Selenium	0.314	0.143	0.478	J	mg/Kg-dry	5	07/08/22 11:46 AM
Silver	<0.0956	0.0956	0.191		mg/Kg-dry	5	07/08/22 11:46 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	87.5	12.0	35.9		mg/Kg-dry	5	07/08/22 12:59 PM
Thallium	<0.478	0.478	0.956		mg/Kg-dry	5	07/08/22 11:46 AM
Vanadium	40.5	0.956	2.39		mg/Kg-dry	5	07/08/22 11:46 AM
Zinc	38.5	0.956	2.39		mg/Kg-dry	5	07/08/22 11:46 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0161	0.0161	0.0402		mg/Kg-dry	1	07/06/22 11:29 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2,4,6-Trichlorophenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2,4-Dichlorophenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2,4-Dimethylphenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2,4-Dinitrophenol	<0.0546	0.0546	0.144		mg/Kg-dry	1	07/05/22 07:15 PM
2,4-Dinitrotoluene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2,6-Dinitrotoluene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2-Chloronaphthalene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2-Chlorophenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2-Methylnaphthalene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2-Methylphenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2-Nitroaniline	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
2-Nitrophenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
3,3´-Dichlorobenzidine	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
3-Nitroaniline	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
4,6-Dinitro-2-methylphenol	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
4-Bromophenyl phenyl ether	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
4-Chloro-3-methylphenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
4-Chloroaniline	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
4-Chlorophenyl phenyl ether	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
4-Methylphenol	<0.0218	0.0218	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
4-Nitroaniline	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
4-Nitrophenol	<0.0546	0.0546	0.144		mg/Kg-dry	1	07/05/22 07:15 PM
Acenaphthene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Acenaphthylene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Acetophenone	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Anthracene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Atrazine	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Benzaldehyde	<0.0109	0.0109	0.0291	N	mg/Kg-dry	1	07/05/22 07:15 PM
Benzo[a]anthracene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Benzo[a]pyrene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Benzo[g,h,i]perylene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Benzo[k]fluoranthene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Benzoic acid	<0.0546	0.0546	0.144		mg/Kg-dry	1	07/05/22 07:15 PM
Benzyl alcohol	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Biphenyl	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Bis(2-chloroethoxy)methane	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Bis(2-chloroethyl)ether	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Bis(2-chloroisopropyl)ether	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Bis(2-ethylhexyl)phthalate	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Butyl benzyl phthalate	<0.0437	0.0437	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Caprolactam	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Carbazole	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Chrysene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Dibenz[a,h]anthracene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Dibenzofuran	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Diethyl phthalate	<0.0437	0.0437	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Dimethyl phthalate	<0.0437	0.0437	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Di-n-butyl phthalate	<0.0437	0.0437	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Di-n-octyl phthalate	<0.0437	0.0437	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Fluoranthene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Fluorene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Hexachlorobenzene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Hexachlorobutadiene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Hexachlorocyclopentadiene	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Hexachloroethane	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Indeno[1,2,3-cd]pyrene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Isophorone	<0.0328	0.0328	0.0721		mg/Kg-dry	1	07/05/22 07:15 PM
Naphthalene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Nitrobenzene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
N-Nitrosodi-n-propylamine	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
N-Nitrosodiphenylamine	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Pentachlorophenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Phenanthrene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Phenol	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Pyrene	<0.0109	0.0109	0.0291		mg/Kg-dry	1	07/05/22 07:15 PM
Pyridine	<0.0546	0.0546	0.144		mg/Kg-dry	1	07/05/22 07:15 PM
Surr: 2,4,6-Tribromophenol	68.0	0	45-126		%REC	1	07/05/22 07:15 PM
Surr: 2-Fluorobiphenyl	65.0	0	60-125		%REC	1	07/05/22 07:15 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	63.0	0	37-125		%REC	1	07/05/22 07:15 PM
Surr: 4-Terphenyl-d14	83.0	0	45-125		%REC	1	07/05/22 07:15 PM
Surr: Nitrobenzene-d5	68.0	0	45-125		%REC	1	07/05/22 07:15 PM
Surr: Phenol-d5	49.0	0	40-125		%REC	1	07/05/22 07:15 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
4,4´-DDE	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
4,4´-DDT	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Aldrin	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
alpha-BHC	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
beta-BHC	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Chlordane	<0.00728	0.00728	0.0218		mg/Kg-dry	1	07/06/22 12:46 AM
delta-BHC	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Dieldrin	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Endosulfan I	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Endosulfan II	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Endosulfan sulfate	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Endrin	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Endrin aldehyde	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Endrin ketone	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
gamma-BHC	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
gamma-Chlordane	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Heptachlor	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Heptachlor epoxide	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Methoxychlor	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Toxaphene	<0.0583	0.0583	0.182		mg/Kg-dry	1	07/06/22 12:46 AM
Atrazine	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Azinphosmethyl (Guthion)	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Carbaryl	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Chlorpyrifos (Dursban)	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Chlorpyrifos methyl	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Coumaphos	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Demeton, Total	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Diazinon	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Dichlorovos	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Disulfoton	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
EPN	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Ethion	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethoprop	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Famphur	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Fenchlorphos (Ronnel)	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Fonophos (Dyfonate)	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Malathion	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Merphos, Total	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Metolachlor	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Parathion, ethyl	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Parathion, methyl	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Phorate	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Phosmet	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Prothiofos (tokuthion)	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Sulfotepp	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Sulprofos (Bolstar)	<0.00146	0.00146	0.00437	N	mg/Kg-dry	1	07/06/22 12:46 AM
Tetrachlorvinphos (stirophos)	<0.00146	0.00146	0.00437		mg/Kg-dry	1	07/06/22 12:46 AM
Surr: 2-Fluorobiphenyl	50.3	0	43-125		%REC	1	07/06/22 12:46 AM
Surr: 4-Terphenyl-d14	64.3	0	32-125		%REC	1	07/06/22 12:46 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,1,1-Trichloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,1,2,2-Tetrachloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,1,2-Trichloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,1,2-Trichlorotrifluoroethane	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
1,1-Dichloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,1-Dichloroethene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,1-Dichloropropene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2,3-Trichlorobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2,3-Trichloropropane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2,4-Trichlorobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2,4-Trimethylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2-Dibromo-3-chloropropane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2-Dibromoethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2-Dichlorobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2-Dichloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,2-Dichloropropane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,3,5-Trimethylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,3-Dichlorobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1,3-Dichloropropane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,4-Dichlorobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
1-Chlorohexane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
2,2-Dichloropropane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
2-Butanone	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
2-Chlorotoluene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
2-Hexanone	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
4-Chlorotoluene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
4-Methyl-2-pentanone	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
Acetone	<0.0162	0.0162	0.0541		mg/Kg-dry	1	07/01/22 07:20 PM
Benzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Bromobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Bromochloromethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Bromodichloromethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Bromoform	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Bromomethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Carbon disulfide	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
Carbon tetrachloride	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Chlorobenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Chloroethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Chloroform	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Chloromethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
cis-1,2-Dichloroethene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
cis-1,3-Dichloropropene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Cyclohexane	<0.00541	0.00541	0.0162	N	mg/Kg-dry	1	07/01/22 07:20 PM
Dibromochloromethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Dibromomethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Dichlorodifluoromethane	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Ethylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Hexachlorobutadiene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Isopropylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
m,p-Xylene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Methyl Acetate	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
Methyl tert-butyl ether	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Methylcyclohexane	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
Methylene chloride	<0.00541	0.00541	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Naphthalene	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
n-Butylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
n-Propylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
o-Xylene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-5
Project:	Sam Houston Middle School	**Lab ID:**	2207012-05
Project No:	95217460A	**Collection Date:**	06/30/22 10:05 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
p-Isopropyltoluene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
sec-Butylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Styrene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
tert-Butylbenzene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Tetrachloroethene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Toluene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
trans-1,2-Dichloroethene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
trans-1,3-Dichloropropene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Trichloroethene	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Trichlorofluoromethane	<0.00541	0.00541	0.0162		mg/Kg-dry	1	07/01/22 07:20 PM
Vinyl chloride	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Xylenes, Total	<0.00108	0.00108	0.00541		mg/Kg-dry	1	07/01/22 07:20 PM
Surr: 1,2-Dichloroethane-d4	101	0	52-149		%REC	1	07/01/22 07:20 PM
Surr: 4-Bromofluorobenzene	107	0	84-118		%REC	1	07/01/22 07:20 PM
Surr: Dibromofluoromethane	100	0	65-135		%REC	1	07/01/22 07:20 PM
Surr: Toluene-d8	108	0	84-116		%REC	1	07/01/22 07:20 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	9.85	0	0		WT%	1	07/06/22 08:25 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<7.81	7.81	22.3		mg/Kg-dry	1	07/11/22 11:53 AM
T/R Hydrocarbons: >C12-C28	<7.81	7.81	22.3		mg/Kg-dry	1	07/11/22 11:53 AM
T/R Hydrocarbons: >C28-C35	<7.81	7.81	22.3		mg/Kg-dry	1	07/11/22 11:53 AM
T/R Hydrocarbons: C6-C35	<7.81	7.81	22.3		mg/Kg-dry	1	07/11/22 11:53 AM
Surr: Isopropylbenzene	79.0	0	70-130		%REC	1	07/11/22 11:53 AM
Surr: Octacosane	94.1	0	70-130		%REC	1	07/11/22 11:53 AM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
2,4-DB	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
2,4,5-T	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
2,4,5-TP	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
Dalapon	<0.114	0.114	0.456		mg/Kg-dry	1	07/08/22 07:53 PM
Dicamba	<0.114	0.114	0.456		mg/Kg-dry	1	07/08/22 07:53 PM
Dichlorprop	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
Dinoseb	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
MCPA	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
MCPP	<0.0114	0.0114	0.0456		mg/Kg-dry	1	07/08/22 07:53 PM
Surr: CPMBA	113	0	45-140		%REC	1	07/08/22 07:53 PM
Surr: DCAA	94.0	0	45-140		%REC	1	07/08/22 07:53 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	34100	287	860		mg/Kg-dry	100	07/08/22 12:41 PM
Antimony	<0.573	0.573	1.15		mg/Kg-dry	5	07/08/22 11:48 AM
Arsenic	7.21	0.573	1.15		mg/Kg-dry	5	07/08/22 11:48 AM
Barium	131	0.573	2.29		mg/Kg-dry	5	07/08/22 11:48 AM
Beryllium	1.24	0.115	0.344		mg/Kg-dry	5	07/08/22 11:48 AM
Cadmium	0.214	0.115	0.344	J	mg/Kg-dry	5	07/08/22 11:48 AM
Calcium	120000	287	860		mg/Kg-dry	100	07/08/22 12:41 PM
Chromium	37.3	0.573	2.29		mg/Kg-dry	5	07/08/22 11:48 AM
Cobalt	7.97	0.573	2.29		mg/Kg-dry	5	07/08/22 11:48 AM
Copper	14.6	0.573	2.29		mg/Kg-dry	5	07/08/22 11:48 AM
Iron	25900	287	860		mg/Kg-dry	100	07/08/22 12:41 PM
Lead	11.7	0.115	0.344		mg/Kg-dry	5	07/08/22 11:48 AM
Magnesium	4500	14.3	43.0		mg/Kg-dry	5	07/08/22 11:48 AM
Manganese	484	0.573	2.29		mg/Kg-dry	5	07/08/22 11:48 AM
Nickel	24.1	0.573	2.29		mg/Kg-dry	5	07/08/22 11:48 AM
Potassium	4330	14.3	43.0		mg/Kg-dry	5	07/08/22 11:48 AM
Selenium	0.377	0.172	0.573	J	mg/Kg-dry	5	07/08/22 11:48 AM
Silver	<0.115	0.115	0.229		mg/Kg-dry	5	07/08/22 11:48 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	118	14.3	43.0		mg/Kg-dry	5	07/08/22 01:01 PM
Thallium	<0.573	0.573	1.15		mg/Kg-dry	5	07/08/22 11:48 AM
Vanadium	66.7	1.15	2.87		mg/Kg-dry	5	07/08/22 11:48 AM
Zinc	63.8	1.15	2.87		mg/Kg-dry	5	07/08/22 11:48 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0183	0.0183	0.0459		mg/Kg-dry	1	07/06/22 11:31 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2,4,6-Trichlorophenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2,4-Dichlorophenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2,4-Dimethylphenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2,4-Dinitrophenol	<0.0574	0.0574	0.152		mg/Kg-dry	1	07/05/22 07:41 PM
2,4-Dinitrotoluene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2,6-Dinitrotoluene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2-Chloronaphthalene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2-Chlorophenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2-Methylnaphthalene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2-Methylphenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2-Nitroaniline	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
2-Nitrophenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
3,3´-Dichlorobenzidine	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
3-Nitroaniline	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
4,6-Dinitro-2-methylphenol	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
4-Bromophenyl phenyl ether	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
4-Chloro-3-methylphenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
4-Chloroaniline	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
4-Chlorophenyl phenyl ether	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
4-Methylphenol	<0.0230	0.0230	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
4-Nitroaniline	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
4-Nitrophenol	<0.0574	0.0574	0.152		mg/Kg-dry	1	07/05/22 07:41 PM
Acenaphthene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Acenaphthylene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Acetophenone	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Anthracene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Atrazine	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Benzaldehyde	<0.0115	0.0115	0.0305	N	mg/Kg-dry	1	07/05/22 07:41 PM
Benzo[a]anthracene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Benzo[a]pyrene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Benzo[g,h,i]perylene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Benzo[k]fluoranthene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Benzoic acid	<0.0574	0.0574	0.152		mg/Kg-dry	1	07/05/22 07:41 PM
Benzyl alcohol	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Biphenyl	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Bis(2-chloroethoxy)methane	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Bis(2-chloroethyl)ether	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Bis(2-chloroisopropyl)ether	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Bis(2-ethylhexyl)phthalate	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Butyl benzyl phthalate	<0.0459	0.0459	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Caprolactam	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Carbazole	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Chrysene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Dibenz[a,h]anthracene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Dibenzofuran	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Diethyl phthalate	<0.0459	0.0459	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Dimethyl phthalate	<0.0459	0.0459	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Di-n-butyl phthalate	<0.0459	0.0459	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Di-n-octyl phthalate	<0.0459	0.0459	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Fluoranthene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Fluorene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Hexachlorobenzene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Hexachlorobutadiene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Hexachlorocyclopentadiene	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Hexachloroethane	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Indeno[1,2,3-cd]pyrene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Isophorone	<0.0344	0.0344	0.0758		mg/Kg-dry	1	07/05/22 07:41 PM
Naphthalene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Nitrobenzene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
N-Nitrosodi-n-propylamine	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
N-Nitrosodiphenylamine	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Pentachlorophenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Phenanthrene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Phenol	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Pyrene	<0.0115	0.0115	0.0305		mg/Kg-dry	1	07/05/22 07:41 PM
Pyridine	<0.0574	0.0574	0.152		mg/Kg-dry	1	07/05/22 07:41 PM
Surr: 2,4,6-Tribromophenol	61.0	0	45-126		%REC	1	07/05/22 07:41 PM
Surr: 2-Fluorobiphenyl	53.0	0	60-125	S	%REC	1	07/05/22 07:41 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	54.0	0	37-125		%REC	1	07/05/22 07:41 PM
Surr: 4-Terphenyl-d14	78.0	0	45-125		%REC	1	07/05/22 07:41 PM
Surr: Nitrobenzene-d5	57.0	0	45-125		%REC	1	07/05/22 07:41 PM
Surr: Phenol-d5	44.0	0	40-125		%REC	1	07/05/22 07:41 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
4,4´-DDE	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
4,4´-DDT	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Aldrin	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
alpha-BHC	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
alpha-Chlordane	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
beta-BHC	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Chlordane	<0.00765	0.00765	0.0230		mg/Kg-dry	1	07/06/22 01:21 AM
delta-BHC	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Dieldrin	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Endosulfan I	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Endosulfan II	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Endosulfan sulfate	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Endrin	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Endrin aldehyde	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Endrin ketone	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
gamma-BHC	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
gamma-Chlordane	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Heptachlor	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Heptachlor epoxide	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Methoxychlor	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Toxaphene	<0.0612	0.0612	0.191		mg/Kg-dry	1	07/06/22 01:21 AM
Atrazine	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Azinphosmethyl (Guthion)	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Carbaryl	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Chlorpyrifos (Dursban)	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Chlorpyrifos methyl	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Coumaphos	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Demeton, Total	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Diazinon	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Dichlorovos	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Disulfoton	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
EPN	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Ethoprop	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Famphur	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Fenchlorphos (Ronnel)	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Fonophos (Dyfonate)	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Malathion	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Merphos, Total	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Metolachlor	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Parathion, ethyl	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Parathion, methyl	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Phorate	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Phosmet	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Prothiofos (tokuthion)	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Sulfotepp	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Sulprofos (Bolstar)	<0.00153	0.00153	0.00459	N	mg/Kg-dry	1	07/06/22 01:21 AM
Tetrachlorvinphos (stirophos)	<0.00153	0.00153	0.00459		mg/Kg-dry	1	07/06/22 01:21 AM
Surr: 2-Fluorobiphenyl	45.9	0	43-125		%REC	1	07/06/22 01:21 AM
Surr: 4-Terphenyl-d14	63.4	0	32-125		%REC	1	07/06/22 01:21 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,1,1-Trichloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,1,2,2-Tetrachloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,1,2-Trichloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,1,2-Trichlorotrifluoroethane	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
1,1-Dichloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,1-Dichloroethene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,1-Dichloropropene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2,3-Trichlorobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2,3-Trichloropropane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2,4-Trichlorobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2,4-Trimethylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2-Dibromo-3-chloropropane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2-Dibromoethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2-Dichlorobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2-Dichloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,2-Dichloropropane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,3,5-Trimethylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,3-Dichlorobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1,4-Dichlorobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
1-Chlorohexane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
2,2-Dichloropropane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
2-Butanone	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
2-Chlorotoluene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
2-Hexanone	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
4-Chlorotoluene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
4-Methyl-2-pentanone	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
Acetone	<0.0128	0.0128	0.0426		mg/Kg-dry	1	07/01/22 07:48 PM
Benzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Bromobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Bromochloromethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Bromodichloromethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Bromoform	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Bromomethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Carbon disulfide	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
Carbon tetrachloride	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Chlorobenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Chloroethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Chloroform	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Chloromethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
cis-1,2-Dichloroethene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
cis-1,3-Dichloropropene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Cyclohexane	<0.00426	0.00426	0.0128	N	mg/Kg-dry	1	07/01/22 07:48 PM
Dibromochloromethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Dibromomethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Dichlorodifluoromethane	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Ethylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Hexachlorobutadiene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Isopropylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
m,p-Xylene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Methyl Acetate	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
Methyl tert-butyl ether	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Methylcyclohexane	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
Methylene chloride	<0.00426	0.00426	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Naphthalene	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
n-Butylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
n-Propylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-6
Project:	Sam Houston Middle School	**Lab ID:**	2207012-06
Project No:	95217460A	**Collection Date:**	06/30/22 10:25 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
p-Isopropyltoluene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
sec-Butylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Styrene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
tert-Butylbenzene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Tetrachloroethene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Toluene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
trans-1,2-Dichloroethene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
trans-1,3-Dichloropropene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Trichloroethene	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Trichlorofluoromethane	<0.00426	0.00426	0.0128		mg/Kg-dry	1	07/01/22 07:48 PM
Vinyl chloride	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Xylenes, Total	<0.000852	0.000852	0.00426		mg/Kg-dry	1	07/01/22 07:48 PM
Surr: 1,2-Dichloroethane-d4	103	0	52-149		%REC	1	07/01/22 07:48 PM
Surr: 4-Bromofluorobenzene	106	0	84-118		%REC	1	07/01/22 07:48 PM
Surr: Dibromofluoromethane	100	0	65-135		%REC	1	07/01/22 07:48 PM
Surr: Toluene-d8	107	0	84-116		%REC	1	07/01/22 07:48 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	15.3	0	0		WT%	1	07/06/22 08:25 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<7.72	7.72	22.1		mg/Kg-dry	1	07/11/22 12:02 PM
T/R Hydrocarbons: >C12-C28	<7.72	7.72	22.1		mg/Kg-dry	1	07/11/22 12:02 PM
T/R Hydrocarbons: >C28-C35	<7.72	7.72	22.1		mg/Kg-dry	1	07/11/22 12:02 PM
T/R Hydrocarbons: C6-C35	<7.72	7.72	22.1		mg/Kg-dry	1	07/11/22 12:02 PM
Surr: Isopropylbenzene	77.2	0	70-130		%REC	1	07/11/22 12:02 PM
Surr: Octacosane	92.0	0	70-130		%REC	1	07/11/22 12:02 PM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
2,4-DB	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
2,4,5-T	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
2,4,5-TP	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
Dalapon	<0.119	0.119	0.476		mg/Kg-dry	1	07/08/22 08:12 PM
Dicamba	<0.119	0.119	0.476		mg/Kg-dry	1	07/08/22 08:12 PM
Dichlorprop	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
Dinoseb	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
MCPA	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
MCPP	<0.0119	0.0119	0.0476		mg/Kg-dry	1	07/08/22 08:12 PM
Surr: CPMBA	112	0	45-140		%REC	1	07/08/22 08:12 PM
Surr: DCAA	105	0	45-140		%REC	1	07/08/22 08:12 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	35500	258	773		mg/Kg-dry	100	07/08/22 12:43 PM
Antimony	<0.516	0.516	1.03		mg/Kg-dry	5	07/08/22 11:51 AM
Arsenic	6.84	0.516	1.03		mg/Kg-dry	5	07/08/22 11:51 AM
Barium	150	0.516	2.06		mg/Kg-dry	5	07/08/22 11:51 AM
Beryllium	1.31	0.103	0.309		mg/Kg-dry	5	07/08/22 11:51 AM
Cadmium	0.244	0.103	0.309	J	mg/Kg-dry	5	07/08/22 11:51 AM
Calcium	127000	258	773		mg/Kg-dry	100	07/08/22 12:43 PM
Chromium	39.1	0.516	2.06		mg/Kg-dry	5	07/08/22 11:51 AM
Cobalt	9.79	0.516	2.06		mg/Kg-dry	5	07/08/22 11:51 AM
Copper	14.6	0.516	2.06		mg/Kg-dry	5	07/08/22 11:51 AM
Iron	25800	258	773		mg/Kg-dry	100	07/08/22 12:43 PM
Lead	13.8	0.103	0.309		mg/Kg-dry	5	07/08/22 11:51 AM
Magnesium	4660	12.9	38.7		mg/Kg-dry	5	07/08/22 11:51 AM
Manganese	630	10.3	41.2		mg/Kg-dry	100	07/08/22 12:43 PM
Nickel	25.4	0.516	2.06		mg/Kg-dry	5	07/08/22 11:51 AM
Potassium	4520	12.9	38.7		mg/Kg-dry	5	07/08/22 11:51 AM
Selenium	0.432	0.155	0.516	J	mg/Kg-dry	5	07/08/22 11:51 AM
Silver	<0.103	0.103	0.206		mg/Kg-dry	5	07/08/22 11:51 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	121	12.9	38.7		mg/Kg-dry	5	07/08/22 01:03 PM
Thallium	<0.516	0.516	1.03		mg/Kg-dry	5	07/08/22 11:51 AM
Vanadium	68.3	1.03	2.58		mg/Kg-dry	5	07/08/22 11:51 AM
Zinc	65.3	1.03	2.58		mg/Kg-dry	5	07/08/22 11:51 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0171	0.0171	0.0427		mg/Kg-dry	1	07/06/22 11:33 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2,4,6-Trichlorophenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2,4-Dichlorophenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2,4-Dimethylphenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2,4-Dinitrophenol	<0.0590	0.0590	0.156		mg/Kg-dry	1	07/05/22 08:07 PM
2,4-Dinitrotoluene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2,6-Dinitrotoluene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2-Chloronaphthalene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2-Chlorophenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2-Methylnaphthalene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2-Methylphenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2-Nitroaniline	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
2-Nitrophenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
3,3´-Dichlorobenzidine	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
3-Nitroaniline	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
4,6-Dinitro-2-methylphenol	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
4-Bromophenyl phenyl ether	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
4-Chloro-3-methylphenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
4-Chloroaniline	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
4-Chlorophenyl phenyl ether	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
4-Methylphenol	<0.0236	0.0236	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
4-Nitroaniline	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
4-Nitrophenol	<0.0590	0.0590	0.156		mg/Kg-dry	1	07/05/22 08:07 PM
Acenaphthene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Acenaphthylene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Acetophenone	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Anthracene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Atrazine	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Benzaldehyde	<0.0118	0.0118	0.0314	N	mg/Kg-dry	1	07/05/22 08:07 PM
Benzo[a]anthracene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Benzo[a]pyrene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM

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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Benzo[g,h,i]perylene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Benzo[k]fluoranthene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Benzoic acid	<0.0590	0.0590	0.156		mg/Kg-dry	1	07/05/22 08:07 PM
Benzyl alcohol	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Biphenyl	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Bis(2-chloroethoxy)methane	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Bis(2-chloroethyl)ether	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Bis(2-chloroisopropyl)ether	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Bis(2-ethylhexyl)phthalate	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Butyl benzyl phthalate	<0.0472	0.0472	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Caprolactam	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Carbazole	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Chrysene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Dibenz[a,h]anthracene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Dibenzofuran	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Diethyl phthalate	<0.0472	0.0472	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Dimethyl phthalate	<0.0472	0.0472	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Di-n-butyl phthalate	<0.0472	0.0472	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Di-n-octyl phthalate	<0.0472	0.0472	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Fluoranthene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Fluorene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Hexachlorobenzene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Hexachlorobutadiene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Hexachlorocyclopentadiene	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Hexachloroethane	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Indeno[1,2,3-cd]pyrene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Isophorone	<0.0354	0.0354	0.0779		mg/Kg-dry	1	07/05/22 08:07 PM
Naphthalene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Nitrobenzene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
N-Nitrosodi-n-propylamine	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
N-Nitrosodiphenylamine	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Pentachlorophenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Phenanthrene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Phenol	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Pyrene	<0.0118	0.0118	0.0314		mg/Kg-dry	1	07/05/22 08:07 PM
Pyridine	<0.0590	0.0590	0.156		mg/Kg-dry	1	07/05/22 08:07 PM
Surr: 2,4,6-Tribromophenol	67.0	0	45-126		%REC	1	07/05/22 08:07 PM
Surr: 2-Fluorobiphenyl	63.0	0	60-125		%REC	1	07/05/22 08:07 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	61.0	0	37-125		%REC	1	07/05/22 08:07 PM
Surr: 4-Terphenyl-d14	81.0	0	45-125		%REC	1	07/05/22 08:07 PM
Surr: Nitrobenzene-d5	66.0	0	45-125		%REC	1	07/05/22 08:07 PM
Surr: Phenol-d5	42.0	0	40-125		%REC	1	07/05/22 08:07 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
4,4´-DDE	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
4,4´-DDT	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Aldrin	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
alpha-BHC	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
alpha-Chlordane	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
beta-BHC	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Chlordane	<0.00787	0.00787	0.0236		mg/Kg-dry	1	07/06/22 01:57 AM
delta-BHC	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Dieldrin	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Endosulfan I	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Endosulfan II	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Endosulfan sulfate	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Endrin	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Endrin aldehyde	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Endrin ketone	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
gamma-BHC	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
gamma-Chlordane	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Heptachlor	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Heptachlor epoxide	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Methoxychlor	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Toxaphene	<0.0629	0.0629	0.197		mg/Kg-dry	1	07/06/22 01:57 AM
Atrazine	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Azinphosmethyl (Guthion)	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Carbaryl	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Chlorpyrifos (Dursban)	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Chlorpyrifos methyl	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Coumaphos	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Demeton, Total	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Diazinon	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Dichlorovos	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Disulfoton	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
EPN	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Ethoprop	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Famphur	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Fenchlorphos (Ronnel)	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Fonophos (Dyfonate)	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Malathion	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Merphos, Total	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Metolachlor	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Parathion, ethyl	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Parathion, methyl	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Phorate	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Phosmet	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Prothiofos (tokuthion)	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Sulfotepp	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Sulprofos (Bolstar)	<0.00157	0.00157	0.00472	N	mg/Kg-dry	1	07/06/22 01:57 AM
Tetrachlorvinphos (stirophos)	<0.00157	0.00157	0.00472		mg/Kg-dry	1	07/06/22 01:57 AM
Surr: 2-Fluorobiphenyl	50.3	0	43-125		%REC	1	07/06/22 01:57 AM
Surr: 4-Terphenyl-d14	66.4	0	32-125		%REC	1	07/06/22 01:57 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,1,1-Trichloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,1,2,2-Tetrachloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,1,2-Trichloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,1,2-Trichlorotrifluoroethane	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
1,1-Dichloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,1-Dichloroethene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,1-Dichloropropene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2,3-Trichlorobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2,3-Trichloropropane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2,4-Trichlorobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2,4-Trimethylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2-Dibromo-3-chloropropane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2-Dibromoethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2-Dichlorobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2-Dichloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,2-Dichloropropane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,3,5-Trimethylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,3-Dichlorobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1,4-Dichlorobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
1-Chlorohexane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
2,2-Dichloropropane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
2-Butanone	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
2-Chlorotoluene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
2-Hexanone	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
4-Chlorotoluene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
4-Methyl-2-pentanone	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
Acetone	<0.0141	0.0141	0.0469		mg/Kg-dry	1	07/01/22 08:17 PM
Benzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Bromobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Bromochloromethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Bromodichloromethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Bromoform	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Bromomethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Carbon disulfide	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
Carbon tetrachloride	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Chlorobenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Chloroethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Chloroform	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Chloromethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
cis-1,2-Dichloroethene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
cis-1,3-Dichloropropene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Cyclohexane	<0.00469	0.00469	0.0141	N	mg/Kg-dry	1	07/01/22 08:17 PM
Dibromochloromethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Dibromomethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Dichlorodifluoromethane	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Ethylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Hexachlorobutadiene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Isopropylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
m,p-Xylene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Methyl Acetate	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
Methyl tert-butyl ether	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Methylcyclohexane	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
Methylene chloride	<0.00469	0.00469	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Naphthalene	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
n-Butylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
n-Propylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-7
Project:	Sam Houston Middle School	**Lab ID:**	2207012-07
Project No:	95217460A	**Collection Date:**	06/30/22 10:35 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
p-Isopropyltoluene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
sec-Butylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Styrene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
tert-Butylbenzene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Tetrachloroethene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Toluene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
trans-1,2-Dichloroethene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
trans-1,3-Dichloropropene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Trichloroethene	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Trichlorofluoromethane	<0.00469	0.00469	0.0141		mg/Kg-dry	1	07/01/22 08:17 PM
Vinyl chloride	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Xylenes, Total	<0.000937	0.000937	0.00469		mg/Kg-dry	1	07/01/22 08:17 PM
Surr: 1,2-Dichloroethane-d4	105	0	52-149		%REC	1	07/01/22 08:17 PM
Surr: 4-Bromofluorobenzene	107	0	84-118		%REC	1	07/01/22 08:17 PM
Surr: Dibromofluoromethane	101	0	65-135		%REC	1	07/01/22 08:17 PM
Surr: Toluene-d8	107	0	84-116		%REC	1	07/01/22 08:17 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	17.8	0	0		WT%	1	07/06/22 08:25 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<7.17	7.17	20.5		mg/Kg-dry	1	07/11/22 12:11 PM
T/R Hydrocarbons: >C12-C28	<7.17	7.17	20.5		mg/Kg-dry	1	07/11/22 12:11 PM
T/R Hydrocarbons: >C28-C35	<7.17	7.17	20.5		mg/Kg-dry	1	07/11/22 12:11 PM
T/R Hydrocarbons: C6-C35	<7.17	7.17	20.5		mg/Kg-dry	1	07/11/22 12:11 PM
Surr: Isopropylbenzene	78.3	0	70-130		%REC	1	07/11/22 12:11 PM
Surr: Octacosane	93.8	0	70-130		%REC	1	07/11/22 12:11 PM
HERBICIDE BY HPLC-MS SOIL		**SW8321B**					Analyst: **RO**
2,4-D	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
2,4-DB	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
2,4,5-T	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
2,4,5-TP	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
Dalapon	<0.116	0.116	0.464		mg/Kg-dry	1	07/08/22 08:30 PM
Dicamba	<0.116	0.116	0.464		mg/Kg-dry	1	07/08/22 08:30 PM
Dichlorprop	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
Dinoseb	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
MCPA	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
MCPP	<0.0116	0.0116	0.0464		mg/Kg-dry	1	07/08/22 08:30 PM
Surr: CPMBA	108	0	45-140		%REC	1	07/08/22 08:30 PM
Surr: DCAA	90.8	0	45-140		%REC	1	07/08/22 08:30 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Aluminum	33100	244	732		mg/Kg-dry	100	07/08/22 12:46 PM
Antimony	<0.488	0.488	0.976		mg/Kg-dry	5	07/08/22 11:53 AM
Arsenic	6.71	0.488	0.976		mg/Kg-dry	5	07/08/22 11:53 AM
Barium	137	0.488	1.95		mg/Kg-dry	5	07/08/22 11:53 AM
Beryllium	1.20	0.0976	0.293		mg/Kg-dry	5	07/08/22 11:53 AM
Cadmium	0.220	0.0976	0.293	J	mg/Kg-dry	5	07/08/22 11:53 AM
Calcium	113000	244	732		mg/Kg-dry	100	07/08/22 12:46 PM
Chromium	36.6	0.488	1.95		mg/Kg-dry	5	07/08/22 11:53 AM
Cobalt	8.92	0.488	1.95		mg/Kg-dry	5	07/08/22 11:53 AM
Copper	14.1	0.488	1.95		mg/Kg-dry	5	07/08/22 11:53 AM
Iron	25000	244	732		mg/Kg-dry	100	07/08/22 12:46 PM
Lead	11.9	0.0976	0.293		mg/Kg-dry	5	07/08/22 11:53 AM
Magnesium	4310	12.2	36.6		mg/Kg-dry	5	07/08/22 11:53 AM
Manganese	548	9.76	39.1		mg/Kg-dry	100	07/08/22 12:46 PM
Nickel	23.7	0.488	1.95		mg/Kg-dry	5	07/08/22 11:53 AM
Potassium	4180	12.2	36.6		mg/Kg-dry	5	07/08/22 11:53 AM
Selenium	0.394	0.146	0.488	J	mg/Kg-dry	5	07/08/22 11:53 AM
Silver	<0.0976	0.0976	0.195		mg/Kg-dry	5	07/08/22 11:53 AM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Sodium	114	12.2	36.6		mg/Kg-dry	5	07/08/22 01:05 PM
Thallium	<0.488	0.488	0.976		mg/Kg-dry	5	07/08/22 11:53 AM
Vanadium	63.6	0.976	2.44		mg/Kg-dry	5	07/08/22 11:53 AM
Zinc	61.0	0.976	2.44		mg/Kg-dry	5	07/08/22 11:53 AM
TOTAL MERCURY: SOIL/SOLID		**SW7471B**					Analyst: **JV**
Mercury	<0.0168	0.0168	0.0420		mg/Kg-dry	1	07/06/22 11:36 AM
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
2,4,5-Trichlorophenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2,4,6-Trichlorophenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2,4-Dichlorophenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2,4-Dimethylphenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2,4-Dinitrophenol	<0.0564	0.0564	0.149		mg/Kg-dry	1	07/05/22 08:33 PM
2,4-Dinitrotoluene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2,6-Dinitrotoluene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2-Chloronaphthalene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2-Chlorophenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2-Methylnaphthalene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2-Methylphenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2-Nitroaniline	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
2-Nitrophenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
3,3´-Dichlorobenzidine	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
3-Nitroaniline	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
4,6-Dinitro-2-methylphenol	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
4-Bromophenyl phenyl ether	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
4-Chloro-3-methylphenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
4-Chloroaniline	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
4-Chlorophenyl phenyl ether	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
4-Methylphenol	<0.0226	0.0226	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
4-Nitroaniline	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
4-Nitrophenol	<0.0564	0.0564	0.149		mg/Kg-dry	1	07/05/22 08:33 PM
Acenaphthene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Acenaphthylene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Acetophenone	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Anthracene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Atrazine	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Benzaldehyde	<0.0113	0.0113	0.0300	N	mg/Kg-dry	1	07/05/22 08:33 PM
Benzo[a]anthracene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Benzo[a]pyrene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Benzo[b]fluoranthene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Benzo[g,h,i]perylene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Benzo[k]fluoranthene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Benzoic acid	<0.0564	0.0564	0.149		mg/Kg-dry	1	07/05/22 08:33 PM
Benzyl alcohol	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Biphenyl	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Bis(2-chloroethoxy)methane	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Bis(2-chloroethyl)ether	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Bis(2-chloroisopropyl)ether	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Bis(2-ethylhexyl)phthalate	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Butyl benzyl phthalate	<0.0451	0.0451	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Caprolactam	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Carbazole	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Chrysene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Dibenz[a,h]anthracene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Dibenzofuran	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Diethyl phthalate	<0.0451	0.0451	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Dimethyl phthalate	<0.0451	0.0451	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Di-n-butyl phthalate	<0.0451	0.0451	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Di-n-octyl phthalate	<0.0451	0.0451	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Fluoranthene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Fluorene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Hexachlorobenzene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Hexachlorobutadiene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Hexachlorocyclopentadiene	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Hexachloroethane	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Indeno[1,2,3-cd]pyrene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Isophorone	<0.0338	0.0338	0.0744		mg/Kg-dry	1	07/05/22 08:33 PM
Naphthalene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Nitrobenzene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
N-Nitrosodi-n-propylamine	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
N-Nitrosodiphenylamine	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Pentachlorophenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Phenanthrene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Phenol	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Pyrene	<0.0113	0.0113	0.0300		mg/Kg-dry	1	07/05/22 08:33 PM
Pyridine	<0.0564	0.0564	0.149		mg/Kg-dry	1	07/05/22 08:33 PM
Surr: 2,4,6-Tribromophenol	67.0	0	45-126		%REC	1	07/05/22 08:33 PM
Surr: 2-Fluorobiphenyl	61.0	0	60-125		%REC	1	07/05/22 08:33 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES BY GC/MS		**SW8270E**					Analyst: **DEW**
Surr: 2-Fluorophenol	59.0	0	37-125		%REC	1	07/05/22 08:33 PM
Surr: 4-Terphenyl-d14	82.0	0	45-125		%REC	1	07/05/22 08:33 PM
Surr: Nitrobenzene-d5	63.0	0	45-125		%REC	1	07/05/22 08:33 PM
Surr: Phenol-d5	38.0	0	40-125	S	%REC	1	07/05/22 08:33 PM
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
4,4´-DDD	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
4,4´-DDE	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
4,4´-DDT	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Aldrin	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
alpha-BHC	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
alpha-Chlordane	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
beta-BHC	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Chlordane	<0.00752	0.00752	0.0226		mg/Kg-dry	1	07/06/22 02:32 AM
delta-BHC	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Dieldrin	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Endosulfan I	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Endosulfan II	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Endosulfan sulfate	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Endrin	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Endrin aldehyde	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Endrin ketone	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
gamma-BHC	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
gamma-Chlordane	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Heptachlor	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Heptachlor epoxide	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Methoxychlor	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Toxaphene	<0.0602	0.0602	0.188		mg/Kg-dry	1	07/06/22 02:32 AM
Atrazine	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Azinphosmethyl (Guthion)	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Carbaryl	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Chlorpyrifos (Dursban)	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Chlorpyrifos methyl	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Coumaphos	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Demeton, Total	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Diazinon	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Dichlorovos	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Disulfoton	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
EPN	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM

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SDL - Sample Detection Limit
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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
PESTICIDE BY GC/MS -SOIL		**SW8270E-SIMSCAN**					Analyst: **DEW**
Ethion	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Ethoprop	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Famphur	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Fenchlorphos (Ronnel)	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Fonophos (Dyfonate)	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Malathion	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Merphos, Total	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Metolachlor	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Parathion, ethyl	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Parathion, methyl	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Phorate	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Phosmet	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Prothiofos (tokuthion)	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Sulfotepp	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Sulprofos (Bolstar)	<0.00150	0.00150	0.00451	N	mg/Kg-dry	1	07/06/22 02:32 AM
Tetrachlorvinphos (stirophos)	<0.00150	0.00150	0.00451		mg/Kg-dry	1	07/06/22 02:32 AM
Surr: 2-Fluorobiphenyl	49.2	0	43-125		%REC	1	07/06/22 02:32 AM
Surr: 4-Terphenyl-d14	66.0	0	32-125		%REC	1	07/06/22 02:32 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,1,1,2-Tetrachloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,1,1-Trichloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,1,2,2-Tetrachloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,1,2-Trichloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,1,2-Trichlorotrifluoroethane	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
1,1-Dichloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,1-Dichloroethene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,1-Dichloropropene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2,3-Trichlorobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2,3-Trichloropropane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2,4-Trichlorobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2,4-Trimethylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2-Dibromo-3-chloropropane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2-Dibromoethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2-Dichlorobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2-Dichloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,2-Dichloropropane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,3,5-Trimethylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,3-Dichlorobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
1,3-Dichloropropane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1,4-Dichlorobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
1-Chlorohexane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
2,2-Dichloropropane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
2-Butanone	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
2-Chlorotoluene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
2-Hexanone	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
4-Chlorotoluene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
4-Methyl-2-pentanone	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
Acetone	<0.0137	0.0137	0.0457		mg/Kg-dry	1	07/01/22 08:46 PM
Benzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Bromobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Bromochloromethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Bromodichloromethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Bromoform	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Bromomethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Carbon disulfide	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
Carbon tetrachloride	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Chlorobenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Chloroethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Chloroform	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Chloromethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
cis-1,2-Dichloroethene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
cis-1,3-Dichloropropene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Cyclohexane	<0.00457	0.00457	0.0137	N	mg/Kg-dry	1	07/01/22 08:46 PM
Dibromochloromethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Dibromomethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Dichlorodifluoromethane	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Ethylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Hexachlorobutadiene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Isopropylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
m,p-Xylene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Methyl Acetate	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
Methyl tert-butyl ether	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Methylcyclohexane	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
Methylene chloride	<0.00457	0.00457	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Naphthalene	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
n-Butylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
n-Propylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM

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DHL Analytical, Inc.

Date: *11-Jul-22*

CLIENT:	Terracon	**Client Sample ID:**	BF-8
Project:	Sam Houston Middle School	**Lab ID:**	2207012-08
Project No:	95217460A	**Collection Date:**	06/30/22 10:45 AM
Lab Order:	2207012	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **JL**
o-Xylene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
p-Isopropyltoluene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
sec-Butylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Styrene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
tert-Butylbenzene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Tetrachloroethene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Toluene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
trans-1,2-Dichloroethene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
trans-1,3-Dichloropropene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Trichloroethene	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Trichlorofluoromethane	<0.00457	0.00457	0.0137		mg/Kg-dry	1	07/01/22 08:46 PM
Vinyl chloride	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Xylenes, Total	<0.000915	0.000915	0.00457		mg/Kg-dry	1	07/01/22 08:46 PM
Surr: 1,2-Dichloroethane-d4	108	0	52-149		%REC	1	07/01/22 08:46 PM
Surr: 4-Bromofluorobenzene	107	0	84-118		%REC	1	07/01/22 08:46 PM
Surr: Dibromofluoromethane	103	0	65-135		%REC	1	07/01/22 08:46 PM
Surr: Toluene-d8	106	0	84-116		%REC	1	07/01/22 08:46 PM
PERCENT MOISTURE		**D2216**					Analyst: **CMC**
Percent Moisture	13.9	0	0		WT%	1	07/06/22 08:25 AM

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- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

See Final Page of Report for MQLs and MDLs

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220614A

Sample ID: **DCS-105766** Batch ID: **105766** TestNo: **TX1005** Units: **mg/Kg**
SampType: **DCS** Run ID: **GC12_220614A** Analysis Date: **6/14/2022 9:21:07 AM** Prep Date: **6/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	12.7	20.0	10.00	0	127	50	200	0	0	
Surr: Isopropylbenzene	22.3		25.00		89.4	70	130	0	0	
Surr: Octacosane	30.4		25.00		122	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220711A

The QC data in batch 106125 applies to the following samples: 2207012-01B, 2207012-02B, 2207012-03B, 2207012-04B, 2207012-05B, 2207012-06B, 2207012-07B, 2207012-08B

Sample ID: **MB-106125** Batch ID: **106125** TestNo: **TX1005** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GC12_220711A** Analysis Date: **7/11/2022 10:30:58 AM** Prep Date: **7/8/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C12	<7.00	20.0								
T/R Hydrocarbons: >C12-C28	<7.00	20.0								
T/R Hydrocarbons: >C28-C35	<7.00	20.0								
T/R Hydrocarbons: C6-C35	<7.00	20.0								
Surr: Isopropylbenzene	19.9		25.00		79.5	70	130			
Surr: Octacosane	23.3		25.00		93.2	70	130			

Sample ID: **LCS-106125** Batch ID: **106125** TestNo: **TX1005** Units: **mg/Kg**
SampType: **LCS** Run ID: **GC12_220711A** Analysis Date: **7/11/2022 10:40:01 AM** Prep Date: **7/8/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	244	20.0	250.0	0	97.7	75	125			
Surr: Isopropylbenzene	23.7		25.00		94.9	70	130			
Surr: Octacosane	22.9		25.00		91.6	70	130			

Sample ID: **LCSD-106125** Batch ID: **106125** TestNo: **TX1005** Units: **mg/Kg**
SampType: **LCSD** Run ID: **GC12_220711A** Analysis Date: **7/11/2022 10:49:04 AM** Prep Date: **7/8/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	242	20.0	250.0	0	96.9	75	125	0.820	20	
Surr: Isopropylbenzene	22.8		25.00		91.2	70	130	0	0	
Surr: Octacosane	23.6		25.00		94.3	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220711A

Sample ID: **ICV-220711**	Batch ID: **R122035**	TestNo: **TX1005**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GC12_220711A**	Analysis Date: **7/11/2022 10:10:39 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	1010	20.0	1000	0	101	75	125			
Surr: Isopropylbenzene	51.3		50.00		103	70	130			
Surr: Octacosane	44.3		50.00		88.5	70	130			

Sample ID: **CCV1-220711**	Batch ID: **R122035**	TestNo: **TX1005**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **GC12_220711A**	Analysis Date: **7/11/2022 1:54:37 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	477	20.0	500.0	0	95.3	75	125			
Surr: Isopropylbenzene	24.8		25.00		99.4	70	130			
Surr: Octacosane	23.2		25.00		92.8	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: LCMS2_220708B

The QC data in batch 106101 applies to the following samples: 2207012-01D, 2207012-02D, 2207012-03D, 2207012-04D, 2207012-05D, 2207012-06D, 2207012-07D, 2207012-08D

Sample ID: **MB-106101** Batch ID: **106101** TestNo: **SW8321B** Units: **mg/Kg**
SampType: **MBLK** Run ID: **LCMS2_220708B** Analysis Date: **7/8/2022 5:08:19 PM** Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-D	<0.0100	0.0400								
2,4-DB	<0.0100	0.0400								
2,4,5-T	<0.0100	0.0400								
2,4,5-TP	<0.0100	0.0400								
Dalapon	<0.100	0.400								
Dicamba	<0.100	0.400								
Dichlorprop	<0.0100	0.0400								
Dinoseb	<0.0100	0.0400								
MCPA	<0.0100	0.0400								
MCPP	<0.0100	0.0400								
Surr: CPMBA	0.321		0.2668		120	45	140			
Surr: DCAA	0.284		0.2668		106	45	140			

Sample ID: **LCS-106101** Batch ID: **106101** TestNo: **SW8321B** Units: **mg/Kg**
SampType: **LCS** Run ID: **LCMS2_220708B** Analysis Date: **7/8/2022 5:26:40 PM** Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-D	0.280	0.0400	0.2668	0	105	35	134			
2,4-DB	0.241	0.0400	0.2668	0	90.3	28	136			
2,4,5-T	0.257	0.0400	0.2668	0	96.2	27	133			
2,4,5-TP	0.258	0.0400	0.2668	0	96.5	33	130			
Dalapon	0.227	0.400	0.2668	0	85.1	44	139			
Dicamba	0.270	0.400	0.2668	0	101	62	133			
Dichlorprop	0.289	0.0400	0.2668	0	108	51	130			
Dinoseb	0.247	0.0400	0.2668	0	92.6	22	142			
MCPA	0.259	0.0400	0.2668	0	97.1	47	129			
MCPP	0.277	0.0400	0.2668	0	104	51	130			
Surr: CPMBA	0.328		0.2668		123	45	140			
Surr: DCAA	0.261		0.2668		97.8	45	140			

Sample ID: **DCS-106101** Batch ID: **106101** TestNo: **SW8321B** Units: **mg/Kg**
SampType: **DCS** Run ID: **LCMS2_220708B** Analysis Date: **7/8/2022 5:45:03 PM** Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-D	0.0255	0.0400	0.02668	0	95.6	10	300			
2,4,5-T	0.0190	0.0400	0.02668	0	71.3	10	300			
2,4,5-TP	0.00621	0.0400	0.02668	0	23.3	10	300			
Dalapon	0.0243	0.400	0.02668	0	91.3	10	300			
Dichlorprop	0.0239	0.0400	0.02668	0	89.5	10	300			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: LCMS2_220708B

Sample ID: **DCS-106101**	Batch ID: **106101**	TestNo: **SW8321B**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **LCMS2_220708B**	Analysis Date: **7/8/2022 5:45:03 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
MCPA	0.0191	0.0400	0.02668	0	71.6	10	300			
MCPP	0.0245	0.0400	0.02668	0	91.8	10	300			

Sample ID: **2207012-06DMS**	Batch ID: **106101**	TestNo: **SW8321B**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **LCMS2_220708B**	Analysis Date: **7/8/2022 8:48:52 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-D	0.309	0.0462	0.3078	0	100	35	134			
2,4-DB	0.269	0.0462	0.3078	0	87.4	28	136			
2,4,5-T	0.284	0.0462	0.3078	0	92.3	27	133			
2,4,5-TP	0.302	0.0462	0.3078	0	98.1	33	130			
Dalapon	0.263	0.462	0.3078	0	85.5	44	139			
Dicamba	0.339	0.462	0.3078	0	110	62	133			
Dichlorprop	0.314	0.0462	0.3078	0	102	51	130			
Dinoseb	0.287	0.0462	0.3078	0	93.1	22	142			
MCPA	0.316	0.0462	0.3078	0	103	47	129			
MCPP	0.311	0.0462	0.3078	0	101	51	130			
Surr: CPMBA	0.360		0.3078		117	45	140			
Surr: DCAA	0.300		0.3078		97.4	45	140			

Sample ID: **2207012-06DMSD**	Batch ID: **106101**	TestNo: **SW8321B**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **LCMS2_220708B**	Analysis Date: **7/8/2022 9:07:14 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-D	0.314	0.0456	0.3045	0	103	35	134	1.46	30	
2,4-DB	0.258	0.0456	0.3045	0	84.6	28	136	4.39	30	
2,4,5-T	0.274	0.0456	0.3045	0	89.9	27	133	3.77	30	
2,4,5-TP	0.273	0.0456	0.3045	0	89.5	33	130	10.2	30	
Dalapon	0.261	0.456	0.3045	0	85.7	44	139	0.856	30	
Dicamba	0.277	0.456	0.3045	0	90.9	62	133	20.1	30	
Dichlorprop	0.320	0.0456	0.3045	0	105	51	130	1.95	30	
Dinoseb	0.272	0.0456	0.3045	0	89.4	22	142	5.24	30	
MCPA	0.302	0.0456	0.3045	0	99.3	47	129	4.33	30	
MCPP	0.285	0.0456	0.3045	0	93.5	51	130	8.97	30	
Surr: CPMBA	0.361		0.3045		119	45	140	0	0	
Surr: DCAA	0.290		0.3045		95.1	45	140	0	0	

Sample ID: **LQV1-106101**	Batch ID: **106101**	TestNo: **SW8321B**	Units: **mg/Kg**
SampType: **DCS2**	Run ID: **LCMS2_220708B**	Analysis Date: **7/8/2022 6:03:24 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: LCMS2_220708B

Sample ID: **LQV1-106101**	Batch ID: **106101**	TestNo: **SW8321B**		Units:	**mg/Kg**
SampType: **DCS2**	Run ID: **LCMS2_220708B**	Analysis Date: **7/8/2022 6:03:24 PM**		Prep Date:	**7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-DB	0.0285	0.0400	0.06670	0	42.7	10	300			
Dicamba	0.0299	0.400	0.06670	0	44.9	10	300			
Dinoseb	0.0322	0.0400	0.06670	0	48.2	10	300			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: LCMS2_220708B

Sample ID: **ICV-220708** Batch ID: **R122029** TestNo: **SW8321B** Units: **mg/Kg**
SampType: **ICV** Run ID: **LCMS2_220708B** Analysis Date: **7/8/2022 4:31:38 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-D	0.219	0.0400	0.2000	0	110	80	120			
2,4-DB	0.217	0.0400	0.2000	0	108	80	120			
2,4,5-T	0.224	0.0400	0.2000	0	112	80	120			
2,4,5-TP	0.219	0.0400	0.2000	0	109	80	120			
Dalapon	0.206	0.400	0.2000	0	103	80	120			
Dicamba	0.219	0.400	0.2000	0	110	80	120			
Dichlorprop	0.227	0.0400	0.2000	0	114	80	120			
Dinoseb	0.229	0.0400	0.2000	0	114	80	120			
MCPA	0.235	0.0400	0.2000	0	118	80	120			
MCPP	0.223	0.0400	0.2000	0	112	80	120			
Surr: CPMBA	0.208		0.2000		104	60	140			
Surr: DCAA	0.223		0.2000		111	60	140			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC2_HG_220613A

Sample ID: **DCS-105774**	Batch ID: **105774**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **CETAC2_HG_220613A**	Analysis Date: **6/13/2022 11:36:21 AM**	Prep Date: **6/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0360	0.0400	0.04000	0	90.0	80	124	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank
J	Analyte detected between MDL and RL
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
J	Analyte detected between SDL and RL
DF	Dilution Factor
MDL	Method Detection Limit
R	RPD outside accepted control limits
S	Spike Recovery outside control limits
N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC2_HG_220706A

The QC data in batch 106051 applies to the following samples: 2207012-01C, 2207012-02C, 2207012-03C, 2207012-04C, 2207012-05C, 2207012-06C, 2207012-07C, 2207012-08C

Sample ID: **MB-106051**	Batch ID: **106051**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **CETAC2_HG_220706A**	Analysis Date: **7/6/2022 10:37:00 AM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	<0.0160	0.0400								

Sample ID: **LCS-106051**	Batch ID: **106051**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **CETAC2_HG_220706A**	Analysis Date: **7/6/2022 10:39:16 AM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.203	0.0400	0.2000	0	102	85	115			

Sample ID: **LCSD-106051**	Batch ID: **106051**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **CETAC2_HG_220706A**	Analysis Date: **7/6/2022 10:41:32 AM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.198	0.0400	0.2000	0	99.0	85	115	2.49	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC2_HG_220706A

Sample ID: **ICV-220706**	Batch ID: **R121958**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **CETAC2_HG_220706A**	Analysis Date: **7/6/2022 10:32:26 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00389	0.0400	0.004000	0	97.2	90	110			

Sample ID: **CCV1-220705**	Batch ID: **R121958**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **CETAC2_HG_220706A**	Analysis Date: **7/6/2022 11:15:33 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00197	0.0400	0.002000	0	98.5	90	110			

Sample ID: **CCV2-220706**	Batch ID: **R121958**	TestNo: **SW7471B**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **CETAC2_HG_220706A**	Analysis Date: **7/6/2022 11:38:19 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00201	0.0400	0.002000	0	101	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS4_220511B

Sample ID: **DCS2-105256** Batch ID: **105256** TestNo: **SW6020B** Units: **mg/L**
SampType: **DCS2** Run ID: **ICP-MS4_220511B** Analysis Date: **5/11/2022 12:23:00 PM** Prep Date: **5/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	0.302	0.300	0.300	0	101	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS4_220708A**

The QC data in batch 106104 applies to the following samples: 2207012-01C, 2207012-02C, 2207012-03C, 2207012-04C, 2207012-05C, 2207012-06C, 2207012-07C, 2207012-08C

Sample ID: **MB-106104**	Batch ID: **106104**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **ICP-MS4_220708A**	Analysis Date: **7/8/2022 12:39:00 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	<12.5	37.5								

Sample ID: **LCS-106104**	Batch ID: **106104**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **ICP-MS4_220708A**	Analysis Date: **7/8/2022 12:41:00 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	1270	37.5	1250	0	102	80	120			

Sample ID: **LCSD-106104**	Batch ID: **106104**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **ICP-MS4_220708A**	Analysis Date: **7/8/2022 12:43:00 PM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	1260	37.5	1250	0	100	80	120	1.21	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS4_220708A

Sample ID: **ICV-220708**	Batch ID: **R122018**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS4_220708A**	Analysis Date: **7/8/2022 12:28:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.102	0.00500	0.100	0	102	90	110			
Cobalt	0.0973	0.00500	0.100	0	97.3	90	110			
Copper	0.0997	0.0100	0.100	0	99.7	90	110			
Lead	0.0978	0.00100	0.100	0	97.8	90	110			
Nickel	0.105	0.0100	0.100	0	105	90	110			
Sodium	2.48	0.300	2.50	0	99.0	90	110			

Sample ID: **LCVL-220708**	Batch ID: **R122018**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS4_220708A**	Analysis Date: **7/8/2022 12:32:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.00518	0.00500	0.00500	0	104	80	120			
Cobalt	0.00490	0.00500	0.00500	0	98.0	80	120			
Copper	0.00495	0.0100	0.00500	0	98.9	80	120			
Lead	0.00104	0.00100	0.00100	0	104	80	120			
Nickel	0.00518	0.0100	0.00500	0	104	80	120			
Sodium	0.0992	0.300	0.100	0	99.2	80	120			

Sample ID: **CCV1-220708**	Batch ID: **R122018**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220708A**	Analysis Date: **7/8/2022 1:13:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sodium	4.77	0.300	5.00	0	95.3	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220519A

Sample ID: **DCS1-105264**	Batch ID: **105264**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **ICP-MS5_220519A**	Analysis Date: **5/19/2022 11:16:00 AM**	Prep Date: **5/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	37.9	37.5	37.50	0	101	70	130	0	0	
Beryllium	0.266	0.300	0.2500	0	106	70	130	0	0	
Cadmium	0.248	0.300	0.2500	0	99.1	70	130	0	0	
Calcium	45.3	37.5	37.50	0	121	70	130	0	0	
Iron	39.9	37.5	37.50	0	106	70	130	0	0	
Lead	0.268	0.300	0.2500	0	107	70	130	0	0	
Magnesium	38.9	37.5	37.50	0	104	70	130	0	0	
Potassium	39.7	37.5	37.50	0	106	70	130	0	0	
Selenium	0.254	0.500	0.2500	0	102	70	130	0	0	
Silver	0.249	0.200	0.2500	0	99.6	70	130	0	0	

Sample ID: **DCS2-105264**	Batch ID: **105264**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **DCS2**	Run ID: **ICP-MS5_220519A**	Analysis Date: **5/19/2022 11:19:00 AM**	Prep Date: **5/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	1.25	1.00	1.250	0	100	70	130	0	0	
Arsenic	1.26	1.00	1.250	0	101	70	130	0	0	
Barium	1.28	2.00	1.250	0	102	70	130	0	0	
Chromium	1.33	2.00	1.250	0	106	70	130	0	0	
Cobalt	1.29	2.00	1.250	0	103	70	130	0	0	
Copper	1.33	2.00	1.250	0	106	70	130	0	0	
Manganese	1.33	2.00	1.250	0	106	70	130	0	0	
Nickel	1.33	2.00	1.250	0	106	70	130	0	0	
Thallium	1.22	1.00	1.250	0	97.5	70	130	0	0	

Sample ID: **DCS3-105264**	Batch ID: **105264**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **DCS3**	Run ID: **ICP-MS5_220519A**	Analysis Date: **5/19/2022 11:23:00 AM**	Prep Date: **5/10/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vanadium	2.50	2.50	2.500	0	100	70	130	0	0	
Zinc	3.07	2.50	2.500	0	123	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220708A**

The QC data in batch 106104 applies to the following samples: 2207012-01C, 2207012-02C, 2207012-03C, 2207012-04C, 2207012-05C, 2207012-06C, 2207012-07C, 2207012-08C

Sample ID: **MB-106104** Batch ID: **106104** TestNo: **SW6020B** Units: **mg/Kg**
SampType: **MBLK** Run ID: **ICP-MS5_220708A** Analysis Date: **7/8/2022 11:16:00 AM** Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	<12.5	37.5								
Antimony	<0.500	1.00								
Arsenic	<0.500	1.00								
Barium	<0.500	2.00								
Beryllium	<0.100	0.300								
Cadmium	<0.100	0.300								
Calcium	<12.5	37.5								
Chromium	<0.500	2.00								
Cobalt	<0.500	2.00								
Copper	<0.500	2.00								
Iron	<12.5	37.5								
Lead	<0.100	0.300								
Magnesium	<12.5	37.5								
Manganese	<0.500	2.00								
Nickel	<0.500	2.00								
Potassium	<12.5	37.5								
Selenium	<0.150	0.500								
Silver	<0.100	0.200								
Thallium	<0.500	1.00								
Vanadium	<1.00	2.50								
Zinc	<1.00	2.50								

Sample ID: **LCS-106104** Batch ID: **106104** TestNo: **SW6020B** Units: **mg/Kg**
SampType: **LCS** Run ID: **ICP-MS5_220708A** Analysis Date: **7/8/2022 11:19:00 AM** Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	251	37.5	250.0	0	100	80	120			
Antimony	48.2	1.00	50.00	0	96.5	80	120			
Arsenic	49.0	1.00	50.00	0	98.0	80	120			
Barium	49.1	2.00	50.00	0	98.2	80	120			
Beryllium	49.2	0.300	50.00	0	98.4	80	120			
Cadmium	48.6	0.300	50.00	0	97.2	80	120			
Calcium	1310	37.5	1250	0	105	80	120			
Chromium	49.4	2.00	50.00	0	98.8	80	120			
Cobalt	50.6	2.00	50.00	0	101	80	120			
Copper	50.1	2.00	50.00	0	100	80	120			
Iron	250	37.5	250.0	0	99.9	80	120			
Lead	49.0	0.300	50.00	0	98.0	80	120			
Magnesium	1290	37.5	1250	0	103	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220708A

Sample ID: **LCS-106104**	Batch ID: **106104**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **ICP-MS5_220708A**	Analysis Date: **7/8/2022 11:19:00 AM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Manganese	48.6	2.00	50.00	0	97.2	80	120			
Nickel	49.5	2.00	50.00	0	98.9	80	120			
Potassium	1300	37.5	1250	0	104	80	120			
Selenium	47.6	0.500	50.00	0	95.1	80	120			
Silver	48.2	0.200	50.00	0	96.3	80	120			
Thallium	51.2	1.00	50.00	0	102	80	120			
Vanadium	48.8	2.50	50.00	0	97.6	80	120			
Zinc	49.3	2.50	50.00	0	98.6	80	120			

Sample ID: **LCSD-106104**	Batch ID: **106104**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **ICP-MS5_220708A**	Analysis Date: **7/8/2022 11:23:00 AM**	Prep Date: **7/7/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	248	37.5	250.0	0	99.3	80	120	1.12	25	
Antimony	48.2	1.00	50.00	0	96.4	80	120	0.046	25	
Arsenic	48.6	1.00	50.00	0	97.2	80	120	0.830	25	
Barium	48.8	2.00	50.00	0	97.5	80	120	0.627	25	
Beryllium	48.9	0.300	50.00	0	97.7	80	120	0.695	25	
Cadmium	48.6	0.300	50.00	0	97.1	80	120	0.096	25	
Calcium	1320	37.5	1250	0	105	80	120	0.122	25	
Chromium	48.9	2.00	50.00	0	97.8	80	120	1.02	25	
Cobalt	49.8	2.00	50.00	0	99.6	80	120	1.52	25	
Copper	49.7	2.00	50.00	0	99.5	80	120	0.736	25	
Iron	248	37.5	250.0	0	99.3	80	120	0.523	25	
Lead	48.2	0.300	50.00	0	96.4	80	120	1.64	25	
Magnesium	1270	37.5	1250	0	102	80	120	1.20	25	
Manganese	48.0	2.00	50.00	0	95.9	80	120	1.31	25	
Nickel	49.0	2.00	50.00	0	97.9	80	120	1.03	25	
Potassium	1290	37.5	1250	0	103	80	120	0.815	25	
Selenium	47.0	0.500	50.00	0	94.0	80	120	1.20	25	
Silver	48.0	0.200	50.00	0	96.0	80	120	0.297	25	
Thallium	50.4	1.00	50.00	0	101	80	120	1.57	25	
Vanadium	48.2	2.50	50.00	0	96.4	80	120	1.29	25	
Zinc	49.3	2.50	50.00	0	98.6	80	120	0.044	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220708A

Sample ID: **ICV-220708**	Batch ID: **R122015**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220708A**	Analysis Date: **7/8/2022 11:03:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	2.51	0.0300	2.50	0	100	90	110			
Antimony	0.104	0.00250	0.100	0	104	90	110			
Arsenic	0.100	0.00500	0.100	0	100	90	110			
Barium	0.103	0.0100	0.100	0	103	90	110			
Beryllium	0.101	0.00100	0.100	0	101	90	110			
Cadmium	0.102	0.00100	0.100	0	102	90	110			
Calcium	2.61	0.300	2.50	0	105	90	110			
Chromium	0.105	0.00500	0.100	0	105	90	110			
Cobalt	0.105	0.00500	0.100	0	105	90	110			
Copper	0.105	0.0100	0.100	0	105	90	110			
Iron	2.60	0.100	2.50	0	104	90	110			
Lead	0.102	0.00100	0.100	0	102	90	110			
Magnesium	2.45	0.300	2.50	0	98.1	90	110			
Manganese	0.102	0.0100	0.100	0	102	90	110			
Nickel	0.104	0.0100	0.100	0	104	90	110			
Potassium	2.52	0.300	2.50	0	101	90	110			
Selenium	0.105	0.00500	0.100	0	105	90	110			
Silver	0.103	0.00200	0.100	0	103	90	110			
Thallium	0.101	0.00150	0.100	0	101	90	110			
Vanadium	0.102	0.00100	0.100	0	102	90	110			
Zinc	0.105	0.00500	0.100	0	105	90	110			

Sample ID: **LCVL-220708**	Batch ID: **R122015**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220708A**	Analysis Date: **7/8/2022 11:09:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.104	0.0300	0.100	0	104	80	120			
Antimony	0.00214	0.00250	0.00200	0	107	80	120			
Arsenic	0.00523	0.00500	0.00500	0	105	80	120			
Barium	0.00522	0.0100	0.00500	0	104	80	120			
Beryllium	0.00115	0.00100	0.00100	0	115	80	120			
Cadmium	0.000994	0.00100	0.00100	0	99.4	80	120			
Calcium	0.101	0.300	0.100	0	101	80	120			
Chromium	0.00518	0.00500	0.00500	0	104	80	120			
Cobalt	0.00523	0.00500	0.00500	0	105	80	120			
Copper	0.00532	0.0100	0.00500	0	106	80	120			
Iron	0.107	0.100	0.100	0	107	80	120			
Lead	0.00105	0.00100	0.00100	0	105	80	120			
Magnesium	0.101	0.300	0.100	0	101	80	120			
Manganese	0.00512	0.0100	0.00500	0	102	80	120			
Nickel	0.00474	0.0100	0.00500	0	94.9	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220708A

Sample ID: **LCVL-220708** Batch ID: **R122015** TestNo: **SW6020B** Units: **mg/L**
SampType: **LCVL** Run ID: **ICP-MS5_220708A** Analysis Date: **7/8/2022 11:09:00 AM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Potassium	0.0861	0.300	0.100	0	86.1	80	120			
Selenium	0.00537	0.00500	0.00500	0	107	80	120			
Silver	0.00209	0.00200	0.00200	0	105	80	120			
Thallium	0.00108	0.00150	0.00100	0	108	80	120			
Vanadium	0.00105	0.00100	0.00100	0	105	80	120			
Zinc	0.00532	0.00500	0.00500	0	106	80	120			

Sample ID: **CCV1-220708** Batch ID: **R122015** TestNo: **SW6020B** Units: **mg/L**
SampType: **CCV** Run ID: **ICP-MS5_220708A** Analysis Date: **7/8/2022 12:04:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	5.12	0.0300	5.00	0	102	90	110			
Antimony	0.206	0.00250	0.200	0	103	90	110			
Arsenic	0.200	0.00500	0.200	0	100	90	110			
Barium	0.205	0.0100	0.200	0	102	90	110			
Beryllium	0.201	0.00100	0.200	0	100	90	110			
Cadmium	0.207	0.00100	0.200	0	104	90	110			
Calcium	5.20	0.300	5.00	0	104	90	110			
Chromium	0.201	0.00500	0.200	0	100	90	110			
Cobalt	0.205	0.00500	0.200	0	102	90	110			
Copper	0.205	0.0100	0.200	0	102	90	110			
Iron	5.10	0.100	5.00	0	102	90	110			
Lead	0.197	0.00100	0.200	0	98.5	90	110			
Magnesium	5.12	0.300	5.00	0	102	90	110			
Manganese	0.197	0.0100	0.200	0	98.6	90	110			
Nickel	0.202	0.0100	0.200	0	101	90	110			
Potassium	5.00	0.300	5.00	0	100	90	110			
Selenium	0.202	0.00500	0.200	0	101	90	110			
Silver	0.204	0.00200	0.200	0	102	90	110			
Thallium	0.208	0.00150	0.200	0	104	90	110			
Vanadium	0.199	0.00100	0.200	0	99.4	90	110			
Zinc	0.202	0.00500	0.200	0	101	90	110			

Sample ID: **CCV2-220708** Batch ID: **R122015** TestNo: **SW6020B** Units: **mg/L**
SampType: **CCV** Run ID: **ICP-MS5_220708A** Analysis Date: **7/8/2022 12:23:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	5.12	0.0300	5.00	0	102	90	110			
Arsenic	0.200	0.00500	0.200	0	100	90	110			
Barium	0.207	0.0100	0.200	0	103	90	110			
Cadmium	0.207	0.00100	0.200	0	103	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220708A

Sample ID: **CCV2-220708**	Batch ID: **R122015**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220708A**	Analysis Date: **7/8/2022 12:23:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Calcium	5.26	0.300	5.00	0	105	90	110			
Chromium	0.202	0.00500	0.200	0	101	90	110			
Iron	5.14	0.100	5.00	0	103	90	110			
Lead	0.196	0.00100	0.200	0	97.8	90	110			
Manganese	0.197	0.0100	0.200	0	98.7	90	110			
Selenium	0.201	0.00500	0.200	0	100	90	110			
Silver	0.204	0.00200	0.200	0	102	90	110			

Sample ID: **CCV3-220708**	Batch ID: **R122015**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220708A**	Analysis Date: **7/8/2022 12:48:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	5.10	0.0300	5.00	0	102	90	110			
Calcium	5.21	0.300	5.00	0	104	90	110			
Iron	5.15	0.100	5.00	0	103	90	110			
Manganese	0.197	0.0100	0.200	0	98.6	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220615A

Sample ID: **DCS1-105784** Batch ID: **105784** TestNo: **SW8270E-SimSc** Units: **mg/Kg**
SampType: **DCS** Run ID: **GCMS10_220615A** Analysis Date: **6/15/2022 11:02:00 AM** Prep Date: **6/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	0.00383	0.00600	0.005000	0	76.6	10	400	0	0	
4,4´-DDE	0.00385	0.00600	0.005000	0	77.0	10	400	0	0	
4,4´-DDT	0.00550	0.00600	0.005000	0	110	10	400	0	0	
Aldrin	0.00340	0.00600	0.005000	0	68.0	10	400	0	0	
alpha-BHC	0.00342	0.00600	0.005000	0	68.4	10	400	0	0	
alpha-Chlordane	0.00389	0.00600	0.005000	0	77.8	10	400	0	0	
beta-BHC	0.00442	0.00600	0.005000	0	88.4	10	400	0	0	
delta-BHC	0.00386	0.00600	0.005000	0	77.2	10	400	0	0	
Dieldrin	0.00421	0.00600	0.005000	0	84.2	10	400	0	0	
Endosulfan I	0.00334	0.00600	0.005000	0	66.8	10	400	0	0	
Endosulfan II	0.00386	0.00600	0.005000	0	77.2	10	400	0	0	
Endosulfan sulfate	0.00479	0.00600	0.005000	0	95.8	10	400	0	0	
Endrin	0.00521	0.00600	0.005000	0	104	10	400	0	0	
Endrin aldehyde	0.00471	0.00600	0.005000	0	94.2	10	400	0	0	
Endrin ketone	0.00576	0.00600	0.005000	0	115	10	400	0	0	
gamma-BHC	0.00394	0.00600	0.005000	0	78.8	10	400	0	0	
gamma-Chlordane	0.00416	0.00600	0.005000	0	83.2	10	400	0	0	
Heptachlor	0.00495	0.00600	0.005000	0	99.0	10	400	0	0	
Heptachlor epoxide	0.00404	0.00600	0.005000	0	80.8	10	400	0	0	
Methoxychlor	0.00762	0.00600	0.005000	0	152	10	400	0	0	
Atrazine	0.00260	0.00600	0.005000	0	52.0	10	400	0	0	
Azinphosmethyl (Guthion)	0.00702	0.00600	0.005000	0	140	10	400	0	0	
Carbaryl	0.000290	0.00600	0.005000	0	5.80	10	400	0	0	S
Chlorpyrifos (Dursban)	0.00746	0.00600	0.005000	0	149	10	400	0	0	N
Chlorpyrifos methyl	0.00462	0.00600	0.005000	0	92.4	10	400	0	0	N
Coumaphos	0.00806	0.00600	0.005000	0	161	10	400	0	0	
Demeton, Total	0.00361	0.00600	0.005000	0	72.2	10	400	0	0	
Dichlorovos	0.00478	0.00600	0.005000	0	95.6	10	400	0	0	
Disulfoton	0.00415	0.00600	0.005000	0	83.0	10	400	0	0	
EPN	0.00794	0.00600	0.005000	0	159	10	400	0	0	
Ethion	0.00778	0.00600	0.005000	0	156	10	400	0	0	
Ethoprop	0.00773	0.00600	0.005000	0	155	10	400	0	0	N
Famphur	0.00782	0.00600	0.005000	0	156	10	400	0	0	
Fenchlorphos (Ronnel)	0.00467	0.00600	0.005000	0	93.4	10	400	0	0	N
Fonophos (Dyfonate)	0.00677	0.00600	0.005000	0	135	10	400	0	0	N
Malathion	0.00971	0.00600	0.005000	0	194	10	400	0	0	
Merphos, Total	0.00493	0.00600	0.005000	0	98.6	10	400	0	0	N
Metolachlor	0.00814	0.00600	0.005000	0	163	10	400	0	0	N
Parathion, ethyl	0.00552	0.00600	0.005000	0	110	10	400	0	0	
Parathion, methyl	0.00772	0.00600	0.005000	0	154	10	400	0	0	
Phorate	0.00675	0.00600	0.005000	0	135	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220615A

Sample ID: **DCS1-105784**	Batch ID: **105784**	TestNo: **SW8270E-SimSc**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS10_220615A**	Analysis Date: **6/15/2022 11:02:00 AM**	Prep Date: **6/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phosmet	0.00761	0.00600	0.005000	0	152	10	400	0	0	
Prothiofos (tokuthion)	0.00773	0.00600	0.005000	0	155	10	400	0	0	N
Sulfotepp	0.00795	0.00600	0.005000	0	159	10	400	0	0	
Sulprofos (Bolstar)	0.00765	0.00600	0.005000	0	153	10	400	0	0	N
Tetrachlorvinphos (stirophos)	0.00778	0.00600	0.005000	0	156	10	400	0	0	
Surr: 2-Fluorobiphenyl	0.687		1.000		68.7	43	125	0	0	
Surr: 4-Terphenyl-d14	0.850		1.000		85.0	32	125	0	0	

Sample ID: **DCS2-105784**	Batch ID: **105784**	TestNo: **SW8270E-SimSc**	Units: **mg/Kg**
SampType: **DCS2**	Run ID: **GCMS10_220615A**	Analysis Date: **6/15/2022 12:48:00 PM**	Prep Date: **6/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	0.0182	0.0300	0.02000	0	91.0	10	400	0	0	
Toxaphene	0.145	0.250	0.2000	0	72.4	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220705A

The QC data in batch 106048 applies to the following samples: 2207012-01D, 2207012-02D, 2207012-03D, 2207012-04D, 2207012-05D, 2207012-06D, 2207012-07D, 2207012-08D

Sample ID: **LCS-106048** Batch ID: **106048** TestNo: **SW8270E-SimSc** Units: **mg/Kg**
SampType: **LCS** Run ID: **GCMS10_220705A** Analysis Date: **7/5/2022 3:20:00 PM** Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	0.0796	0.00600	0.1000	0	79.6	52	143			
4,4´-DDE	0.0657	0.00600	0.1000	0	65.7	47	126			
4,4´-DDT	0.0855	0.00600	0.1000	0	85.5	39	146			
Aldrin	0.0574	0.00600	0.1000	0	57.4	49	111			
alpha-BHC	0.0549	0.00600	0.1000	0	54.9	45	102			
alpha-Chlordane	0.0656	0.00600	0.1000	0	65.6	47	117			
beta-BHC	0.0562	0.00600	0.1000	0	56.2	40	97			
delta-BHC	0.0578	0.00600	0.1000	0	57.8	51	116			
Dieldrin	0.0671	0.00600	0.1000	0	67.1	50	117			
Endosulfan I	0.0568	0.00600	0.1000	0	56.8	36	134			
Endosulfan II	0.0693	0.00600	0.1000	0	69.3	51	126			
Endosulfan sulfate	0.0776	0.00600	0.1000	0	77.6	49	127			
Endrin	0.0656	0.00600	0.1000	0	65.6	51	127			
Endrin aldehyde	0.0836	0.00600	0.1000	0	83.6	37	132			
Endrin ketone	0.0789	0.00600	0.1000	0	78.9	43	136			
gamma-BHC	0.0563	0.00600	0.1000	0	56.3	41	97			
gamma-Chlordane	0.0651	0.00600	0.1000	0	65.1	46	108			
Heptachlor	0.0766	0.00600	0.1000	0	76.6	48	144			
Heptachlor epoxide	0.0668	0.00600	0.1000	0	66.8	49	116			
Methoxychlor	0.0990	0.00600	0.1000	0	99.0	52	157			
Atrazine	0.0550	0.00600	0.1000	0	55.0	27	117			
Azinphosmethyl (Guthion)	0.109	0.00600	0.1000	0	109	65	193			
Carbaryl	0.0711	0.00600	0.1000	0	71.1	67	137			
Chlorpyrifos (Dursban)	0.0738	0.00600	0.1000	0	73.8	56	130			N
Chlorpyrifos methyl	0.0751	0.00600	0.1000	0	75.1	58	113			N
Coumaphos	0.128	0.00600	0.1000	0	128	79	190			
Demeton, Total	0.0934	0.00600	0.1000	0	93.4	37	120			
Diazinon	0.0702	0.00600	0.1000	0	70.2	53	97			N
Dichlorovos	0.0700	0.00600	0.1000	0	70.0	43	145			
Disulfoton	0.0750	0.00600	0.1000	0	75.0	49	127			
EPN	0.145	0.00600	0.1000	0	145	74	144			S
Ethion	0.111	0.00600	0.1000	0	111	62	147			
Ethoprop	0.0961	0.00600	0.1000	0	96.1	54	122			N
Famphur	0.0873	0.00600	0.1000	0	87.3	37	148			
Fenchlorphos (Ronnel)	0.0745	0.00600	0.1000	0	74.5	60	114			N
Fonophos (Dyfonate)	0.0640	0.00600	0.1000	0	64.0	47	93			N
Malathion	0.112	0.00600	0.1000	0	112	67	137			
Merphos, Total	0.0565	0.00600	0.1000	0	56.5	25	83			N
Metolachlor	0.0969	0.00600	0.1000	0	96.9	71	124			N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220705A

Sample ID: **LCS-106048**	Batch ID: **106048**	TestNo: **SW8270E-SimSc**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **GCMS10_220705A**	Analysis Date: **7/5/2022 3:20:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Parathion, ethyl	0.0882	0.00600	0.1000	0	88.2	25	146			
Parathion, methyl	0.120	0.00600	0.1000	0	120	55	156			
Phorate	0.0720	0.00600	0.1000	0	72.0	51	111			
Phosmet	0.112	0.00600	0.1000	0	112	68	155			
Prothiofos (tokuthion)	0.0953	0.00600	0.1000	0	95.3	65	134			N
Sulfotepp	0.0721	0.00600	0.1000	0	72.1	47	100			
Sulprofos (Bolstar)	0.103	0.00600	0.1000	0	103	53	142			N
Tetrachlorvinphos (stirophos)	0.122	0.00600	0.1000	0	122	61	135			
Surr: 2-Fluorobiphenyl	0.528		1.000		52.8	43	125			
Surr: 4-Terphenyl-d14	0.654		1.000		65.4	32	125			

Sample ID: **MB-106048**	Batch ID: **106048**	TestNo: **SW8270E-SimSc**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS10_220705A**	Analysis Date: **7/5/2022 6:52:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	<0.00200	0.00600								
4,4´-DDE	<0.00200	0.00600								
4,4´-DDT	<0.00200	0.00600								
Aldrin	<0.00200	0.00600								
alpha-BHC	<0.00200	0.00600								
alpha-Chlordane	<0.00200	0.00600								
beta-BHC	<0.00200	0.00600								
Chlordane	<0.0100	0.0300								
delta-BHC	<0.00200	0.00600								
Dieldrin	<0.00200	0.00600								
Endosulfan I	<0.00200	0.00600								
Endosulfan II	<0.00200	0.00600								
Endosulfan sulfate	<0.00200	0.00600								
Endrin	<0.00200	0.00600								
Endrin aldehyde	<0.00200	0.00600								
Endrin ketone	<0.00200	0.00600								
gamma-BHC	<0.00200	0.00600								
gamma-Chlordane	<0.00200	0.00600								
Heptachlor	<0.00200	0.00600								
Heptachlor epoxide	<0.00200	0.00600								
Methoxychlor	<0.00200	0.00600								
Toxaphene	<0.0800	0.250								
Atrazine	<0.00200	0.00600								
Azinphosmethyl (Guthion)	<0.00200	0.00600								
Carbaryl	<0.00200	0.00600								
Chlorpyrifos (Dursban)	<0.00200	0.00600								N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220705A

Sample ID: **MB-106048** Batch ID: **106048** TestNo: **SW8270E-SimSc** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GCMS10_220705A** Analysis Date: **7/5/2022 6:52:00 PM** Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlorpyrifos methyl	<0.00200	0.00600								N
Coumaphos	<0.00200	0.00600								
Demeton, Total	<0.00200	0.00600								
Diazinon	<0.00200	0.00600								N
Dichlorovos	<0.00200	0.00600								
Disulfoton	<0.00200	0.00600								
EPN	<0.00200	0.00600								
Ethion	<0.00200	0.00600								
Ethoprop	<0.00200	0.00600								N
Famphur	<0.00200	0.00600								
Fenchlorphos (Ronnel)	<0.00200	0.00600								N
Fonophos (Dyfonate)	<0.00200	0.00600								N
Malathion	<0.00200	0.00600								
Merphos, Total	<0.00200	0.00600								N
Metolachlor	<0.00200	0.00600								N
Parathion, ethyl	<0.00200	0.00600								
Parathion, methyl	<0.00200	0.00600								
Phorate	<0.00200	0.00600								
Phosmet	<0.00200	0.00600								
Prothiofos (tokuthion)	<0.00200	0.00600								N
Sulfotepp	<0.00200	0.00600								
Sulprofos (Bolstar)	<0.00200	0.00600								N
Tetrachlorvinphos (stirophos)	<0.00200	0.00600								
Surr: 2-Fluorobiphenyl	0.542		1.000		54.2	43	125			
Surr: 4-Terphenyl-d14	0.648		1.000		64.8	32	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220705A

Sample ID: **ICV-220705** Batch ID: **R121941** TestNo: **SW8270E-SimSc** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS10_220705A** Analysis Date: **7/5/2022 2:44:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4´-DDD	0.209	0.00600	0.2000	0	105	70	130			
4,4´-DDE	0.171	0.00600	0.2000	0	85.3	70	130			
4,4´-DDT	0.204	0.00600	0.2000	0	102	70	130			
Aldrin	0.157	0.00600	0.2000	0	78.6	70	130			
alpha-BHC	0.147	0.00600	0.2000	0	73.4	70	130			
alpha-Chlordane	0.177	0.00600	0.2000	0	88.6	70	130			
beta-BHC	0.147	0.00600	0.2000	0	73.4	70	130			
delta-BHC	0.157	0.00600	0.2000	0	78.4	70	130			
Dieldrin	0.185	0.00600	0.2000	0	92.4	70	130			
Endosulfan I	0.152	0.00600	0.2000	0	75.8	70	130			
Endosulfan II	0.184	0.00600	0.2000	0	92.1	70	130			
Endosulfan sulfate	0.193	0.00600	0.2000	0	96.4	70	130			
Endrin	0.162	0.00600	0.2000	0	81.2	70	130			
Endrin aldehyde	0.197	0.00600	0.2000	0	98.6	70	130			
Endrin ketone	0.198	0.00600	0.2000	0	99.2	70	130			
gamma-BHC	0.148	0.00600	0.2000	0	73.9	70	130			
gamma-Chlordane	0.170	0.00600	0.2000	0	85.2	70	130			
Heptachlor	0.216	0.00600	0.2000	0	108	70	130			
Heptachlor epoxide	0.183	0.00600	0.2000	0	91.7	70	130			
Methoxychlor	0.237	0.00600	0.2000	0	119	70	130			
Atrazine	0.159	0.00600	0.2000	0	79.6	70	130			
Azinphosmethyl (Guthion)	0.211	0.00600	0.2000	0	105	70	130			
Carbaryl	0.205	0.00600	0.2000	0	103	70	130			
Chlorpyrifos (Dursban)	0.177	0.00600	0.2000	0	88.7	70	130			N
Chlorpyrifos methyl	0.198	0.00600	0.2000	0	98.8	70	130			N
Coumaphos	0.240	0.00600	0.2000	0	120	70	130			
Demeton, Total	0.212	0.00600	0.2000	0	106	70	130			
Diazinon	0.168	0.00600	0.2000	0	84.0	70	130			N
Dichlorovos	0.181	0.00600	0.2000	0	90.4	70	130			
Disulfoton	0.179	0.00600	0.2000	0	89.6	70	130			
EPN	0.288	0.00600	0.2000	0	144	70	130			S
Ethion	0.239	0.00600	0.2000	0	120	70	130			
Ethoprop	0.206	0.00600	0.2000	0	103	70	130			N
Famphur	0.203	0.00600	0.2000	0	102	70	130			
Fenchlorphos (Ronnel)	0.189	0.00600	0.2000	0	94.6	70	130			N
Fonophos (Dyfonate)	0.152	0.00600	0.2000	0	76.1	70	130			N
Malathion	0.225	0.00600	0.2000	0	113	70	130			
Merphos, Total	0.215	0.00600	0.2000	0	108	70	130			N
Metolachlor	0.216	0.00600	0.2000	0	108	70	130			N
Parathion, ethyl	0.203	0.00600	0.2000	0	101	70	130			
Parathion, methyl	0.267	0.00600	0.2000	0	133	70	130			S

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS10_220705A

Sample ID: **ICV-220705**	Batch ID: **R121941**	TestNo: **SW8270E-SimSc**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GCMS10_220705A**	Analysis Date: **7/5/2022 2:44:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phorate	0.171	0.00600	0.2000	0	85.5	70	130			
Phosmet	0.237	0.00600	0.2000	0	118	70	130			
Prothiofos (tokuthion)	0.201	0.00600	0.2000	0	101	70	130			N
Sulfotepp	0.171	0.00600	0.2000	0	85.4	70	130			
Sulprofos (Bolstar)	0.226	0.00600	0.2000	0	113	70	130			N
Tetrachlorvinphos (stirophos)	0.231	0.00600	0.2000	0	116	70	130			
Surr: 2-Fluorobiphenyl	0.601		0.8000		75.1	70	130			
Surr: 4-Terphenyl-d14	0.706		0.8000		88.2	70	130			

Sample ID: **ICV-220705 CT**	Batch ID: **R121941**	TestNo: **SW8270E-SimSc**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GCMS10_220705A**	Analysis Date: **7/5/2022 5:41:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chlordane	2.75	0.0300	2.500	0	110	70	130			
Toxaphene	3.20	0.250	2.500	0	128	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220531B

Sample ID: **DCS1-105301** Batch ID: **105301** TestNo: **SW8270E** Units: **mg/Kg**
SampType: **DCS** Run ID: **GCMS4_220531B** Analysis Date: **5/31/2022 3:18:00 PM** Prep Date: **5/12/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
2,4,6-Trichlorophenol	0.0140	0.0266	0.02000	0	70.0	10	400	0	0	
2,4-Dichlorophenol	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
2,4-Dimethylphenol	0.00867	0.0266	0.02000	0	43.3	10	400	0	0	
2,4-Dinitrotoluene	0.0173	0.0266	0.02000	0	86.7	10	400	0	0	
2,6-Dinitrotoluene	0.0120	0.0266	0.02000	0	60.0	10	400	0	0	
2-Chloronaphthalene	0.0140	0.0266	0.02000	0	70.0	10	400	0	0	
2-Chlorophenol	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
2-Methylnaphthalene	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
2-Methylphenol	0.0147	0.0266	0.02000	0	73.3	10	400	0	0	
2-Nitroaniline	0.0120	0.0266	0.02000	0	60.0	10	400	0	0	
2-Nitrophenol	0.0133	0.0266	0.02000	0	66.7	10	400	0	0	
3,3´-Dichlorobenzidine	0.00800	0.0266	0.02000	0	40.0	10	400	0	0	
3-Nitroaniline	0.0240	0.0266	0.02000	0	120	10	400	0	0	
4-Bromophenyl phenyl ether	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
4-Chloro-3-methylphenol	0.0173	0.0266	0.02000	0	86.7	10	400	0	0	
4-Chlorophenyl phenyl ether	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
4-Methylphenol	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
4-Nitroaniline	0.00867	0.0266	0.02000	0	43.3	10	400	0	0	
Acenaphthene	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Acenaphthylene	0.0127	0.0266	0.02000	0	63.3	10	400	0	0	
Acetophenone	0.0147	0.0266	0.02000	0	73.3	10	400	0	0	
Anthracene	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Atrazine	0.0133	0.0266	0.02000	0	66.7	10	400	0	0	
Benzaldehyde	0.0127	0.0266	0.02000	0	63.3	10	400	0	0	N
Benzo[a]anthracene	0.0253	0.0266	0.02000	0	127	10	400	0	0	
Benzo[a]pyrene	0.0147	0.0266	0.02000	0	73.3	10	400	0	0	
Benzo[b]fluoranthene	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
Benzo[g,h,i]perylene	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Benzo[k]fluoranthene	0.0187	0.0266	0.02000	0	93.3	10	400	0	0	
Biphenyl	0.0140	0.0266	0.02000	0	70.0	10	400	0	0	
Bis(2-chloroethoxy)methane	0.0147	0.0266	0.02000	0	73.3	10	400	0	0	
Bis(2-chloroethyl)ether	0.0140	0.0266	0.02000	0	70.0	10	400	0	0	
Bis(2-chloroisopropyl)ether	0.0180	0.0266	0.02000	0	90.0	10	400	0	0	
Carbazole	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Chrysene	0.0193	0.0266	0.02000	0	96.7	10	400	0	0	
Dibenz[a,h]anthracene	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Dibenzofuran	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
Fluoranthene	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
Fluorene	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Hexachlorobenzene	0.0167	0.0266	0.02000	0	83.3	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **DCS1-105301**	Batch ID: **105301**	TestNo: **SW8270E**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS4_220531B**	Analysis Date: **5/31/2022 3:18:00 PM**	Prep Date: **5/12/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Hexachlorobutadiene	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
Hexachloroethane	0.0153	0.0266	0.02000	0	76.7	10	400	0	0	
Indeno[1,2,3-cd]pyrene	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	
Naphthalene	0.0167	0.0266	0.02000	0	83.3	10	400	0	0	
Nitrobenzene	0.0193	0.0266	0.02000	0	96.7	10	400	0	0	
N-Nitrosodi-n-propylamine	0.0200	0.0266	0.02000	0	100	10	400	0	0	
N-Nitrosodiphenylamine	0.0133	0.0266	0.02000	0	66.7	10	400	0	0	
Pentachlorophenol	0.00867	0.0266	0.02000	0	43.3	10	400	0	0	
Phenanthrene	0.0180	0.0266	0.02000	0	90.0	10	400	0	0	
Phenol	0.0147	0.0266	0.02000	0	73.3	10	400	0	0	
Pyrene	0.0160	0.0266	0.02000	0	80.0	10	400	0	0	

Sample ID: **DCS2-105301**	Batch ID: **105301**	TestNo: **SW8270E**	Units: **mg/Kg**
SampType: **DCS2**	Run ID: **GCMS4_220531B**	Analysis Date: **5/31/2022 3:44:00 PM**	Prep Date: **5/12/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-Dinitrophenol	0.0567	0.132	0.04000	0	142	10	400	0	0	
4,6-Dinitro-2-methylphenol	0.0580	0.0660	0.04000	0	145	10	400	0	0	
4-Chloroaniline	0.00600	0.0660	0.04000	0	15.0	10	400	0	0	
4-Nitrophenol	0.0367	0.132	0.04000	0	91.7	10	400	0	0	
Benzoic acid	0.0633	0.132	0.04000	0	158	10	400	0	0	
Benzyl alcohol	0.0233	0.0660	0.04000	0	58.3	10	400	0	0	
Bis(2-ethylhexyl)phthalate	0.0387	0.0660	0.04000	0	96.7	10	400	0	0	
Butyl benzyl phthalate	0.0340	0.0660	0.04000	0	85.0	10	400	0	0	
Diethyl phthalate	0.0347	0.0660	0.04000	0	86.7	10	400	0	0	
Dimethyl phthalate	0.0320	0.0660	0.04000	0	80.0	10	400	0	0	
Di-n-butyl phthalate	0.0387	0.0660	0.04000	0	96.7	10	400	0	0	
Di-n-octyl phthalate	0.0527	0.0660	0.04000	0	132	10	400	0	0	
Hexachlorocyclopentadiene	0.0173	0.0660	0.04000	0	43.3	10	400	0	0	
Isophorone	0.0247	0.0660	0.04000	0	61.7	10	400	0	0	
Pyridine	0.000667	0.132	0.04000	0	1.67	10	400	0	0	S

Sample ID: **DCS3-105301**	Batch ID: **105301**	TestNo: **SW8270E**	Units: **mg/Kg**
SampType: **DCS3**	Run ID: **GCMS4_220531B**	Analysis Date: **5/31/2022 4:09:00 PM**	Prep Date: **5/12/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Caprolactam	0.0673	0.0660	0.1000	0	67.3	10	400	0	0	

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

The QC data in batch 106050 applies to the following samples: 2207012-01D, 2207012-02D, 2207012-03D, 2207012-04D, 2207012-05D, 2207012-06D, 2207012-07D, 2207012-08D

Sample ID: **LCS-106050** Batch ID: **106050** TestNo: **SW8270E** Units: **mg/Kg**
SampType: **LCS** Run ID: **GCMS4_220705A** Analysis Date: **7/5/2022 2:58:00 PM** Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	1.13	0.0266	1.340	0	84.4	49	125			
2,4,6-Trichlorophenol	1.10	0.0266	1.340	0	82.0	43	125			
2,4-Dichlorophenol	1.16	0.0266	1.340	0	86.4	45	125			
2,4-Dimethylphenol	1.08	0.0266	1.340	0	80.5	32	125			
2,4-Dinitrophenol	1.15	0.132	1.340	0	85.8	25	132			
2,4-Dinitrotoluene	1.14	0.0266	1.340	0	85.4	48	125			
2,6-Dinitrotoluene	1.06	0.0266	1.340	0	79.2	48	125			
2-Chloronaphthalene	0.863	0.0266	1.340	0	64.4	45	125			
2-Chlorophenol	0.989	0.0266	1.340	0	73.8	44	125			
2-Methylnaphthalene	0.943	0.0266	1.340	0	70.3	47	125			
2-Methylphenol	0.924	0.0266	1.340	0	69.0	40	125			
2-Nitroaniline	1.02	0.0266	1.340	0	75.8	44	125			
2-Nitrophenol	1.14	0.0266	1.340	0	85.2	42	125			
3,3´-Dichlorobenzidine	1.13	0.0266	1.340	0	84.2	25	128			
3-Nitroaniline	0.630	0.0266	1.340	0	47.0	27	125			
4,6-Dinitro-2-methylphenol	1.19	0.0660	1.340	0	88.9	29	137			
4-Bromophenyl phenyl ether	0.963	0.0266	1.340	0	71.9	46	125			
4-Chloro-3-methylphenol	1.19	0.0266	1.340	0	89.1	46	125			
4-Chloroaniline	0.349	0.0660	1.340	0	26.1	34	125			S
4-Chlorophenyl phenyl ether	1.00	0.0266	1.340	0	74.6	47	125			
4-Methylphenol	1.00	0.0266	1.340	0	74.6	41	125			
4-Nitroaniline	0.903	0.0266	1.340	0	67.4	34	125			
4-Nitrophenol	2.02	0.132	1.340	0	151	25	138			S
Acenaphthene	0.939	0.0266	1.340	0	70.0	46	125			
Acenaphthylene	0.902	0.0266	1.340	0	67.3	44	125			
Acetophenone	0.931	0.0266	1.340	0	69.5	40	125			
Anthracene	0.913	0.0266	1.340	0	68.2	53	125			
Atrazine	1.49	0.0266	1.340	0	111	40	125			
Benzaldehyde	0.873	0.0266	1.340	0	65.2	40	125			N
Benzo[a]anthracene	1.10	0.0266	1.340	0	82.1	52	125			
Benzo[a]pyrene	1.01	0.0266	1.340	0	75.4	50	125			
Benzo[b]fluoranthene	1.12	0.0266	1.340	0	83.3	45	125			
Benzo[g,h,i]perylene	1.04	0.0266	1.340	0	77.8	38	126			
Benzo[k]fluoranthene	1.09	0.0266	1.340	0	81.6	45	125			
Benzoic acid	1.03	0.132	1.340	0	77.2	25	125			
Benzyl alcohol	0.813	0.0660	1.340	0	60.7	25	125			
Biphenyl	0.916	0.0266	1.340	0	68.4	40	125			
Bis(2-chloroethoxy)methane	0.871	0.0266	1.340	0	65.0	43	125			
Bis(2-chloroethyl)ether	0.845	0.0266	1.340	0	63.1	38	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **LCS-106050**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 2:58:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bis(2-chloroisopropyl)ether	0.814	0.0266	1.340	0	60.7	25	125			
Bis(2-ethylhexyl)phthalate	1.22	0.0660	1.340	0	91.4	47	127			
Butyl benzyl phthalate	1.29	0.0660	1.340	0	96.0	49	125			
Caprolactam	1.14	0.0660	1.340	0	85.1	40	125			
Carbazole	1.18	0.0266	1.340	0	88.4	40	125			
Chrysene	1.11	0.0266	1.340	0	83.2	53	125			
Dibenz[a,h]anthracene	1.12	0.0266	1.340	0	83.9	41	125			
Dibenzofuran	0.949	0.0266	1.340	0	70.8	51	125			
Diethyl phthalate	1.01	0.0660	1.340	0	75.2	50	125			
Dimethyl phthalate	0.980	0.0660	1.340	0	73.1	49	125			
Di-n-butyl phthalate	1.36	0.0660	1.340	0	101	56	125			
Di-n-octyl phthalate	1.14	0.0660	1.340	0	84.8	41	132			
Fluoranthene	1.30	0.0266	1.340	0	97.3	54	125			
Fluorene	0.969	0.0266	1.340	0	72.3	49	125			
Hexachlorobenzene	0.971	0.0266	1.340	0	72.4	47	125			
Hexachlorobutadiene	1.09	0.0266	1.340	0	81.4	40	125			
Hexachlorocyclopentadiene	0.843	0.0660	1.340	0	62.9	31	135			
Hexachloroethane	0.965	0.0266	1.340	0	72.0	34	125			
Indeno[1,2,3-cd]pyrene	1.13	0.0266	1.340	0	84.5	38	125			
Isophorone	0.851	0.0660	1.340	0	63.5	43	125			
Naphthalene	0.910	0.0266	1.340	0	67.9	40	125			
Nitrobenzene	0.939	0.0266	1.340	0	70.1	41	125			
N-Nitrosodi-n-propylamine	0.914	0.0266	1.340	0	68.2	40	125			
N-Nitrosodiphenylamine	0.851	0.0266	1.340	0	63.5	49	125			
Pentachlorophenol	1.42	0.0266	1.340	0	106	25	125			
Phenanthrene	0.951	0.0266	1.340	0	70.9	50	125			
Phenol	0.841	0.0266	1.340	0	62.8	39	125			
Pyrene	1.09	0.0266	1.340	0	81.4	46	125			
Pyridine	0.564	0.132	1.340	0	42.1	20	125			
Surr: 2,4,6-Tribromophenol	0.467		0.6670		70.0	45	126			
Surr: 2-Fluorobiphenyl	0.433		0.6670		65.0	60	125			
Surr: 2-Fluorophenol	0.433		0.6670		65.0	37	125			
Surr: 4-Terphenyl-d14	0.553		0.6670		83.0	45	125			
Surr: Nitrobenzene-d5	0.467		0.6670		70.0	45	125			
Surr: Phenol-d5	0.360		0.6670		54.0	40	125			

Sample ID: **2207012-01DMS**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 3:24:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	1.22	0.0308	1.552	0	78.5	49	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **2207012-01DMS**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 3:24:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,6-Trichlorophenol	1.19	0.0308	1.552	0	76.9	43	125			
2,4-Dichlorophenol	1.16	0.0308	1.552	0	74.8	45	125			
2,4-Dimethylphenol	1.07	0.0308	1.552	0	68.9	32	125			
2,4-Dinitrophenol	1.16	0.153	1.552	0	74.6	25	132			
2,4-Dinitrotoluene	1.21	0.0308	1.552	0	78.3	48	125			
2,6-Dinitrotoluene	1.11	0.0308	1.552	0	71.6	48	125			
2-Chloronaphthalene	0.883	0.0308	1.552	0	56.9	45	125			
2-Chlorophenol	1.02	0.0308	1.552	0	65.6	44	125			
2-Methylnaphthalene	0.917	0.0308	1.552	0	59.1	47	125			
2-Methylphenol	0.951	0.0308	1.552	0	61.3	40	125			
2-Nitroaniline	1.09	0.0308	1.552	0	70.4	44	125			
2-Nitrophenol	1.12	0.0308	1.552	0	72.0	42	125			
3,3´-Dichlorobenzidine	1.36	0.0308	1.552	0	87.7	25	128			
3-Nitroaniline	0.784	0.0308	1.552	0	50.5	27	125			
4,6-Dinitro-2-methylphenol	1.22	0.0764	1.552	0	78.3	29	137			
4-Bromophenyl phenyl ether	1.05	0.0308	1.552	0	67.4	46	125			
4-Chloro-3-methylphenol	1.22	0.0308	1.552	0	78.6	46	125			
4-Chloroaniline	0.430	0.0764	1.552	0	27.7	34	125			S
4-Chlorophenyl phenyl ether	1.06	0.0308	1.552	0	68.4	47	125			
4-Methylphenol	1.01	0.0308	1.552	0	64.8	41	125			
4-Nitroaniline	1.04	0.0308	1.552	0	67.1	34	125			
4-Nitrophenol	2.11	0.153	1.552	0	136	25	138			
Acenaphthene	0.958	0.0308	1.552	0	61.7	46	125			
Acenaphthylene	0.909	0.0308	1.552	0	58.6	44	125			
Acetophenone	0.952	0.0308	1.552	0	61.3	40	125			
Anthracene	1.00	0.0308	1.552	0	64.7	53	125			
Atrazine	1.60	0.0308	1.552	0	103	40	125			
Benzaldehyde	0.878	0.0308	1.552	0	56.6	40	125			N
Benzo[a]anthracene	1.18	0.0308	1.552	0	76.3	52	125			
Benzo[a]pyrene	1.12	0.0308	1.552	0	72.5	50	125			
Benzo[b]fluoranthene	1.21	0.0308	1.552	0	78.1	45	125			
Benzo[g,h,i]perylene	1.18	0.0308	1.552	0	76.1	38	126			
Benzo[k]fluoranthene	1.25	0.0308	1.552	0	80.8	45	125			
Benzoic acid	0.599	0.153	1.552	0	38.6	25	125			
Benzyl alcohol	0.801	0.0764	1.552	0	51.6	25	125			
Biphenyl	0.946	0.0308	1.552	0	60.9	40	125			
Bis(2-chloroethoxy)methane	0.858	0.0308	1.552	0	55.3	43	125			
Bis(2-chloroethyl)ether	0.824	0.0308	1.552	0	53.1	38	125			
Bis(2-chloroisopropyl)ether	0.821	0.0308	1.552	0	52.9	25	125			
Bis(2-ethylhexyl)phthalate	1.38	0.0764	1.552	0	89.1	47	127			
Butyl benzyl phthalate	1.39	0.0764	1.552	0	89.3	49	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **2207012-01DMS**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 3:24:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Caprolactam	1.14	0.0764	1.552	0	73.3	40	125			
Carbazole	1.28	0.0308	1.552	0	82.2	40	125			
Chrysene	1.22	0.0308	1.552	0	78.7	53	125			
Dibenz[a,h]anthracene	1.28	0.0308	1.552	0	82.6	41	125			
Dibenzofuran	0.974	0.0308	1.552	0	62.8	51	125			
Diethyl phthalate	1.23	0.0764	1.552	0	79.1	50	125			
Dimethyl phthalate	1.07	0.0764	1.552	0	69.2	49	125			
Di-n-butyl phthalate	1.46	0.0764	1.552	0	94.0	56	125			
Di-n-octyl phthalate	1.26	0.0764	1.552	0	81.2	41	132			
Fluoranthene	1.40	0.0308	1.552	0	89.9	54	125			
Fluorene	1.03	0.0308	1.552	0	66.7	49	125			
Hexachlorobenzene	1.08	0.0308	1.552	0	69.5	47	125			
Hexachlorobutadiene	1.08	0.0308	1.552	0	69.8	40	125			
Hexachlorocyclopentadiene	0.845	0.0764	1.552	0	54.4	31	135			
Hexachloroethane	0.923	0.0308	1.552	0	59.5	34	125			
Indeno[1,2,3-cd]pyrene	1.28	0.0308	1.552	0	82.3	38	125			
Isophorone	0.818	0.0764	1.552	0	52.7	43	125			
Naphthalene	0.916	0.0308	1.552	0	59.0	40	125			
Nitrobenzene	0.967	0.0308	1.552	0	62.3	41	125			
N-Nitrosodi-n-propylamine	0.917	0.0308	1.552	0	59.1	40	125			
N-Nitrosodiphenylamine	0.930	0.0308	1.552	0	60.0	49	125			
Pentachlorophenol	1.50	0.0308	1.552	0	96.6	25	125			
Phenanthrene	1.04	0.0308	1.552	0	66.8	50	125			
Phenol	0.843	0.0308	1.552	0	54.3	39	125			
Pyrene	1.16	0.0308	1.552	0	74.9	46	125			
Pyridine	0.560	0.153	1.552	0	36.1	20	125			
Surr: 2,4,6-Tribromophenol	0.502		0.7724		65.0	45	126			
Surr: 2-Fluorobiphenyl	0.425		0.7724		55.0	60	125			S
Surr: 2-Fluorophenol	0.417		0.7724		54.0	37	125			
Surr: 4-Terphenyl-d14	0.587		0.7724		76.0	45	125			
Surr: Nitrobenzene-d5	0.440		0.7724		57.0	45	125			
Surr: Phenol-d5	0.347		0.7724		45.0	40	125			

Sample ID: **2207012-01DMSD**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 3:50:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	1.36	0.0306	1.544	0	88.1	49	125	11.1	30	
2,4,6-Trichlorophenol	1.29	0.0306	1.544	0	83.7	43	125	7.90	30	
2,4-Dichlorophenol	1.29	0.0306	1.544	0	83.4	45	125	10.3	30	
2,4-Dimethylphenol	1.20	0.0306	1.544	0	77.6	32	125	11.4	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **2207012-01DMSD** Batch ID: **106050** TestNo: **SW8270E** Units: **mg/Kg-dry**
SampType: **MSD** Run ID: **GCMS4_220705A** Analysis Date: **7/5/2022 3:50:00 PM** Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4-Dinitrophenol	1.14	0.152	1.544	0	73.5	25	132	2.01	30	
2,4-Dinitrotoluene	1.30	0.0306	1.544	0	84.0	48	125	6.58	30	
2,6-Dinitrotoluene	1.21	0.0306	1.544	0	78.6	48	125	8.75	30	
2-Chloronaphthalene	1.05	0.0306	1.544	0	67.9	45	125	17.0	30	
2-Chlorophenol	1.15	0.0306	1.544	0	74.8	44	125	12.5	30	
2-Methylnaphthalene	1.05	0.0306	1.544	0	68.0	47	125	13.5	30	
2-Methylphenol	1.09	0.0306	1.544	0	70.4	40	125	13.3	30	
2-Nitroaniline	1.20	0.0306	1.544	0	77.9	44	125	9.60	30	
2-Nitrophenol	1.27	0.0306	1.544	0	82.5	42	125	13.0	30	
3,3´-Dichlorobenzidine	1.43	0.0306	1.544	0	92.9	25	128	5.26	30	
3-Nitroaniline	0.783	0.0306	1.544	0	50.7	27	125	0.136	30	
4,6-Dinitro-2-methylphenol	1.25	0.0760	1.544	0	80.9	29	137	2.78	30	
4-Bromophenyl phenyl ether	1.20	0.0306	1.544	0	77.7	46	125	13.7	30	
4-Chloro-3-methylphenol	1.26	0.0306	1.544	0	81.7	46	125	3.44	30	
4-Chloroaniline	0.353	0.0760	1.544	0	22.8	34	125	19.8	30	S
4-Chlorophenyl phenyl ether	1.16	0.0306	1.544	0	75.3	47	125	9.17	30	
4-Methylphenol	1.14	0.0306	1.544	0	73.7	41	125	12.3	30	
4-Nitroaniline	0.954	0.0306	1.544	0	61.8	34	125	8.71	30	
4-Nitrophenol	2.08	0.152	1.544	0	135	25	138	1.37	30	
Acenaphthene	1.07	0.0306	1.544	0	69.5	46	125	11.3	30	
Acenaphthylene	1.02	0.0306	1.544	0	66.4	44	125	11.9	30	
Acetophenone	1.08	0.0306	1.544	0	70.1	40	125	12.8	30	
Anthracene	1.08	0.0306	1.544	0	70.1	53	125	7.44	30	
Atrazine	1.66	0.0306	1.544	0	108	40	125	3.44	30	
Benzaldehyde	1.00	0.0306	1.544	0	64.9	40	125	13.2	30	N
Benzo[a]anthracene	1.27	0.0306	1.544	0	82.4	52	125	7.25	30	
Benzo[a]pyrene	1.20	0.0306	1.544	0	78.1	50	125	6.87	30	
Benzo[b]fluoranthene	1.41	0.0306	1.544	0	91.3	45	125	15.1	30	
Benzo[g,h,i]perylene	1.26	0.0306	1.544	0	81.4	38	126	6.23	30	
Benzo[k]fluoranthene	1.24	0.0306	1.544	0	80.3	45	125	1.15	30	
Benzoic acid	0.554	0.152	1.544	0	35.9	25	125	7.74	30	
Benzyl alcohol	0.886	0.0760	1.544	0	57.4	25	125	10.2	30	
Biphenyl	1.12	0.0306	1.544	0	72.6	40	125	17.0	30	
Bis(2-chloroethoxy)methane	1.00	0.0306	1.544	0	64.8	43	125	15.4	30	
Bis(2-chloroethyl)ether	0.952	0.0306	1.544	0	61.6	38	125	14.4	30	
Bis(2-chloroisopropyl)ether	0.934	0.0306	1.544	0	60.5	25	125	12.9	30	
Bis(2-ethylhexyl)phthalate	1.41	0.0760	1.544	0	91.5	47	127	2.17	30	
Butyl benzyl phthalate	1.49	0.0760	1.544	0	96.5	49	125	7.24	30	
Caprolactam	1.12	0.0760	1.544	0	72.4	40	125	1.76	30	
Carbazole	1.33	0.0306	1.544	0	86.3	40	125	4.31	30	
Chrysene	1.31	0.0306	1.544	0	85.1	53	125	7.31	30	

Qualifiers:

B	Analyte detected in the associated Method Blank
J	Analyte detected between MDL and RL
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
J	Analyte detected between SDL and RL
DF	Dilution Factor
MDL	Method Detection Limit
R	RPD outside accepted control limits
S	Spike Recovery outside control limits
N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **2207012-01DMSD**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 3:50:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dibenz[a,h]anthracene	1.37	0.0306	1.544	0	88.5	41	125	6.33	30	
Dibenzofuran	1.08	0.0306	1.544	0	70.1	51	125	10.6	30	
Diethyl phthalate	1.22	0.0760	1.544	0	78.9	50	125	0.781	30	
Dimethyl phthalate	1.16	0.0760	1.544	0	74.9	49	125	7.42	30	
Di-n-butyl phthalate	1.51	0.0760	1.544	0	97.9	56	125	3.46	30	
Di-n-octyl phthalate	1.35	0.0760	1.544	0	87.3	41	132	6.62	30	
Fluoranthene	1.43	0.0306	1.544	0	92.5	54	125	2.36	30	
Fluorene	1.14	0.0306	1.544	0	74.1	49	125	10.0	30	
Hexachlorobenzene	1.21	0.0306	1.544	0	78.6	47	125	11.8	30	
Hexachlorobutadiene	1.26	0.0306	1.544	0	81.5	40	125	14.9	30	
Hexachlorocyclopentadiene	1.10	0.0760	1.544	0	71.0	31	135	25.9	30	
Hexachloroethane	1.09	0.0306	1.544	0	70.4	34	125	16.3	30	
Indeno[1,2,3-cd]pyrene	1.36	0.0306	1.544	0	88.0	38	125	6.07	30	
Isophorone	0.953	0.0760	1.544	0	61.7	43	125	15.3	30	
Naphthalene	1.05	0.0306	1.544	0	68.1	40	125	13.7	30	
Nitrobenzene	1.10	0.0306	1.544	0	71.4	41	125	13.1	30	
N-Nitrosodi-n-propylamine	1.06	0.0306	1.544	0	68.5	40	125	14.1	30	
N-Nitrosodiphenylamine	1.04	0.0306	1.544	0	67.5	49	125	11.3	30	
Pentachlorophenol	1.53	0.0306	1.544	0	99.4	25	125	2.32	30	
Phenanthrene	1.11	0.0306	1.544	0	72.1	50	125	7.13	30	
Phenol	0.905	0.0306	1.544	0	58.6	39	125	7.05	30	
Pyrene	1.23	0.0306	1.544	0	80.0	46	125	6.03	30	
Pyridine	0.616	0.152	1.544	0	39.9	20	125	9.56	30	
Surr: 2,4,6-Tribromophenol	0.576		0.7684		75.0	45	126	0	0	
Surr: 2-Fluorobiphenyl	0.530		0.7684		69.0	60	125	0	0	
Surr: 2-Fluorophenol	0.492		0.7684		64.0	37	125	0	0	
Surr: 4-Terphenyl-d14	0.630		0.7684		82.0	45	125	0	0	
Surr: Nitrobenzene-d5	0.530		0.7684		69.0	45	125	0	0	
Surr: Phenol-d5	0.392		0.7684		51.0	40	125	0	0	

Sample ID: **MB-106050**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 5:07:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	<0.0100	0.0266								
2,4,6-Trichlorophenol	<0.0100	0.0266								
2,4-Dichlorophenol	<0.0100	0.0266								
2,4-Dimethylphenol	<0.0100	0.0266								
2,4-Dinitrophenol	<0.0500	0.132								
2,4-Dinitrotoluene	<0.0100	0.0266								
2,6-Dinitrotoluene	<0.0100	0.0266								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **MB-106050**	Batch ID: **106050**	TestNo: **SW8270E**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS4_220705A**	Analysis Date: **7/5/2022 5:07:00 PM**	Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2-Chloronaphthalene	<0.0100	0.0266								
2-Chlorophenol	<0.0100	0.0266								
2-Methylnaphthalene	<0.0100	0.0266								
2-Methylphenol	<0.0100	0.0266								
2-Nitroaniline	<0.0100	0.0266								
2-Nitrophenol	<0.0100	0.0266								
3,3´-Dichlorobenzidine	<0.0100	0.0266								
3-Nitroaniline	<0.0100	0.0266								
4,6-Dinitro-2-methylphenol	<0.0300	0.0660								
4-Bromophenyl phenyl ether	<0.0100	0.0266								
4-Chloro-3-methylphenol	<0.0100	0.0266								
4-Chloroaniline	<0.0300	0.0660								
4-Chlorophenyl phenyl ether	<0.0100	0.0266								
4-Methylphenol	<0.0200	0.0266								
4-Nitroaniline	<0.0100	0.0266								
4-Nitrophenol	<0.0500	0.132								
Acenaphthene	<0.0100	0.0266								
Acenaphthylene	<0.0100	0.0266								
Acetophenone	<0.0100	0.0266								
Anthracene	<0.0100	0.0266								
Atrazine	<0.0100	0.0266								
Benzaldehyde	<0.0100	0.0266								N
Benzo[a]anthracene	<0.0100	0.0266								
Benzo[a]pyrene	<0.0100	0.0266								
Benzo[b]fluoranthene	<0.0100	0.0266								
Benzo[g,h,i]perylene	<0.0100	0.0266								
Benzo[k]fluoranthene	<0.0100	0.0266								
Benzoic acid	<0.0500	0.132								
Benzyl alcohol	<0.0300	0.0660								
Biphenyl	<0.0100	0.0266								
Bis(2-chloroethoxy)methane	<0.0100	0.0266								
Bis(2-chloroethyl)ether	<0.0100	0.0266								
Bis(2-chloroisopropyl)ether	<0.0100	0.0266								
Bis(2-ethylhexyl)phthalate	<0.0300	0.0660								
Butyl benzyl phthalate	<0.0400	0.0660								
Caprolactam	<0.0300	0.0660								
Carbazole	<0.0100	0.0266								
Chrysene	<0.0100	0.0266								
Dibenz[a,h]anthracene	<0.0100	0.0266								
Dibenzofuran	<0.0100	0.0266								
Diethyl phthalate	<0.0400	0.0660								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **MB-106050** Batch ID: **106050** TestNo: **SW8270E** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GCMS4_220705A** Analysis Date: **7/5/2022 5:07:00 PM** Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dimethyl phthalate	<0.0400	0.0660								
Di-n-butyl phthalate	<0.0400	0.0660								
Di-n-octyl phthalate	<0.0400	0.0660								
Fluoranthene	<0.0100	0.0266								
Fluorene	<0.0100	0.0266								
Hexachlorobenzene	<0.0100	0.0266								
Hexachlorobutadiene	<0.0100	0.0266								
Hexachlorocyclopentadiene	<0.0300	0.0660								
Hexachloroethane	<0.0100	0.0266								
Indeno[1,2,3-cd]pyrene	<0.0100	0.0266								
Isophorone	<0.0300	0.0660								
Naphthalene	<0.0100	0.0266								
Nitrobenzene	<0.0100	0.0266								
N-Nitrosodi-n-propylamine	<0.0100	0.0266								
N-Nitrosodiphenylamine	<0.0100	0.0266								
Pentachlorophenol	<0.0100	0.0266								
Phenanthrene	<0.0100	0.0266								
Phenol	<0.0100	0.0266								
Pyrene	<0.0100	0.0266								
Pyridine	<0.0500	0.132								
Surr: 2,4,6-Tribromophenol	0.413		0.6670		62.0	45	126			
Surr: 2-Fluorobiphenyl	0.427		0.6670		64.0	60	125			
Surr: 2-Fluorophenol	0.413		0.6670		62.0	37	125			
Surr: 4-Terphenyl-d14	0.513		0.6670		77.0	45	125			
Surr: Nitrobenzene-d5	0.447		0.6670		67.0	45	125			
Surr: Phenol-d5	0.300		0.6670		45.0	40	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **ICV-220705** Batch ID: **R121942** TestNo: **SW8270E** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS4_220705A** Analysis Date: **7/5/2022 2:33:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	2.00	0.0266	2.500	0	80.1	70	130			
2,4,6-Trichlorophenol	2.03	0.0266	2.500	0	81.2	70	130			
2,4-Dichlorophenol	2.18	0.0266	2.500	0	87.2	70	130			
2,4-Dimethylphenol	1.84	0.0266	2.500	0	73.6	70	130			
2,4-Dinitrophenol	2.54	0.132	2.500	0	102	70	130			
2,4-Dinitrotoluene	2.96	0.0266	2.500	0	118	70	130			
2,6-Dinitrotoluene	2.43	0.0266	2.500	0	97.0	70	130			
2-Chloronaphthalene	2.00	0.0266	2.500	0	80.0	70	130			
2-Chlorophenol	2.02	0.0266	2.500	0	80.9	70	130			
2-Methylnaphthalene	2.22	0.0266	2.500	0	88.8	70	130			
2-Methylphenol	1.78	0.0266	2.500	0	71.0	70	130			
2-Nitroaniline	2.38	0.0266	2.500	0	95.2	70	130			
2-Nitrophenol	2.25	0.0266	2.500	0	90.2	70	130			
3,3´-Dichlorobenzidine	2.63	0.0266	2.500	0	105	70	130			
3-Nitroaniline	2.24	0.0266	2.500	0	89.6	70	130			
4,6-Dinitro-2-methylphenol	2.29	0.0660	2.500	0	91.7	70	130			
4-Bromophenyl phenyl ether	1.98	0.0266	2.500	0	79.4	70	130			
4-Chloro-3-methylphenol	2.10	0.0266	2.500	0	84.0	70	130			
4-Chloroaniline	2.17	0.0660	2.500	0	86.8	70	130			
4-Chlorophenyl phenyl ether	2.22	0.0266	2.500	0	88.6	70	130			
4-Methylphenol	1.90	0.0266	2.500	0	75.9	70	130			
4-Nitroaniline	2.74	0.0266	2.500	0	110	70	130			
4-Nitrophenol	3.79	0.132	2.500	0	152	70	130			S
Acenaphthene	2.12	0.0266	2.500	0	84.6	70	130			
Acenaphthylene	2.16	0.0266	2.500	0	86.6	70	130			
Acetophenone	2.14	0.0266	2.500	0	85.6	70	130			
Anthracene	2.12	0.0266	2.500	0	85.0	70	130			
Atrazine	2.82	0.0266	2.500	0	113	70	130			
Benzaldehyde	1.97	0.0266	2.500	0	78.6	70	130			N
Benzo[a]anthracene	2.30	0.0266	2.500	0	91.9	70	130			
Benzo[a]pyrene	2.34	0.0266	2.500	0	93.6	70	130			
Benzo[b]fluoranthene	2.54	0.0266	2.500	0	102	70	130			
Benzo[g,h,i]perylene	2.21	0.0266	2.500	0	88.4	70	130			
Benzo[k]fluoranthene	2.19	0.0266	2.500	0	87.5	70	130			
Benzoic acid	2.07	0.132	2.500	0	82.7	70	130			
Benzyl alcohol	2.00	0.0660	2.500	0	80.0	70	130			
Biphenyl	2.03	0.0266	2.500	0	81.3	70	130			
Bis(2-chloroethoxy)methane	2.03	0.0266	2.500	0	81.1	70	130			
Bis(2-chloroethyl)ether	2.01	0.0266	2.500	0	80.5	70	130			
Bis(2-chloroisopropyl)ether	1.93	0.0266	2.500	0	77.2	70	130			
Bis(2-ethylhexyl)phthalate	2.48	0.0660	2.500	0	99.2	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS4_220705A

Sample ID: **ICV-220705** Batch ID: **R121942** TestNo: **SW8270E** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS4_220705A** Analysis Date: **7/5/2022 2:33:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Butyl benzyl phthalate	2.62	0.0660	2.500	0	105	70	130			
Caprolactam	1.42	0.0660	2.500	0	56.9	70	130			S
Carbazole	2.51	0.0266	2.500	0	100	70	130			
Chrysene	2.32	0.0266	2.500	0	92.9	70	130			
Dibenz[a,h]anthracene	2.36	0.0266	2.500	0	94.5	70	130			
Dibenzofuran	2.08	0.0266	2.500	0	83.0	70	130			
Diethyl phthalate	2.42	0.0660	2.500	0	96.8	70	130			
Dimethyl phthalate	2.17	0.0660	2.500	0	86.8	70	130			
Di-n-butyl phthalate	2.68	0.0660	2.500	0	107	70	130			
Di-n-octyl phthalate	2.33	0.0660	2.500	0	93.2	70	130			
Fluoranthene	2.64	0.0266	2.500	0	106	70	130			
Fluorene	2.20	0.0266	2.500	0	88.2	70	130			
Hexachlorobenzene	2.10	0.0266	2.500	0	84.2	70	130			
Hexachlorobutadiene	2.63	0.0266	2.500	0	105	70	130			
Hexachlorocyclopentadiene	2.10	0.0660	2.500	0	84.0	70	130			
Hexachloroethane	2.46	0.0266	2.500	0	98.3	70	130			
Indeno[1,2,3-cd]pyrene	2.40	0.0266	2.500	0	95.8	70	130			
Isophorone	2.00	0.0660	2.500	0	80.2	70	130			
Naphthalene	2.11	0.0266	2.500	0	84.6	70	130			
Nitrobenzene	2.26	0.0266	2.500	0	90.6	70	130			
N-Nitrosodi-n-propylamine	2.12	0.0266	2.500	0	84.7	70	130			
N-Nitrosodiphenylamine	1.86	0.0266	2.500	0	74.4	70	130			
Pentachlorophenol	2.46	0.0266	2.500	0	98.3	70	130			
Phenanthrene	2.09	0.0266	2.500	0	83.6	70	130			
Phenol	1.83	0.0266	2.500	0	73.2	70	130			
Pyrene	2.41	0.0266	2.500	0	96.3	70	130			
Pyridine	2.09	0.132	2.500	0	83.4	70	130			
Surr: 2,4,6-Tribromophenol	2.36		2.500		94.4	70	130			
Surr: 2-Fluorobiphenyl	2.13		2.500		85.2	70	130			
Surr: 2-Fluorophenol	2.23		2.500		89.2	70	130			
Surr: 4-Terphenyl-d14	2.54		2.500		102	70	130			
Surr: Nitrobenzene-d5	2.39		2.500		95.6	70	130			
Surr: Phenol-d5	2.00		2.500		80.0	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220622A

Sample ID: **DCS-105814**	Batch ID: **105814**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS1_220622A**	Analysis Date: **6/22/2022 9:52:00 PM**	Prep Date: **6/22/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.00206	0.00500	0.00232	0	88.6	10	400	0	0	
1,1,1-Trichloroethane	0.00202	0.00500	0.00232	0	86.9	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.00240	0.00500	0.00232	0	103	10	400	0	0	
1,1,2-Trichloroethane	0.00210	0.00500	0.00232	0	90.3	10	400	0	0	
1,1-Dichloroethane	0.00206	0.00500	0.00232	0	88.6	10	400	0	0	
1,1-Dichloroethene	0.00207	0.00500	0.00232	0	89.2	10	400	0	0	
1,1-Dichloropropene	0.00198	0.00500	0.00232	0	85.2	10	400	0	0	
1,2,3-Trichlorobenzene	0.00330	0.00500	0.00232	0	142	10	400	0	0	
1,2,3-Trichloropropane	0.00197	0.00500	0.00232	0	84.8	10	400	0	0	
1,2,4-Trichlorobenzene	0.00290	0.00500	0.00232	0	125	10	400	0	0	
1,2,4-Trimethylbenzene	0.00240	0.00500	0.00232	0	104	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00234	0.00500	0.00232	0	101	10	400	0	0	
1,2-Dibromoethane	0.00235	0.00500	0.00232	0	101	10	400	0	0	
1,2-Dichlorobenzene	0.00252	0.00500	0.00232	0	109	10	400	0	0	
1,2-Dichloroethane	0.00217	0.00500	0.00232	0	93.6	10	400	0	0	
1,2-Dichloropropane	0.00211	0.00500	0.00232	0	91.0	10	400	0	0	
1,3,5-Trimethylbenzene	0.00219	0.00500	0.00232	0	94.5	10	400	0	0	
1,3-Dichlorobenzene	0.00250	0.00500	0.00232	0	108	10	400	0	0	
1,3-Dichloropropane	0.00240	0.00500	0.00232	0	103	10	400	0	0	
1,4-Dichlorobenzene	0.00263	0.00500	0.00232	0	113	10	400	0	0	
1-Chlorohexane	0.00320	0.00500	0.00232	0	138	10	400	0	0	
2,2-Dichloropropane	0.00194	0.00500	0.00232	0	83.6	10	400	0	0	
2-Chlorotoluene	0.00247	0.00500	0.00232	0	106	10	400	0	0	
4-Chlorotoluene	0.00244	0.00500	0.00232	0	105	10	400	0	0	
Benzene	0.00205	0.00500	0.00232	0	88.3	10	400	0	0	
Bromobenzene	0.00246	0.00500	0.00232	0	106	10	400	0	0	
Bromochloromethane	0.00190	0.00500	0.00232	0	81.8	10	400	0	0	
Bromodichloromethane	0.00202	0.00500	0.00232	0	87.2	10	400	0	0	
Bromoform	0.00168	0.00500	0.00232	0	72.4	10	400	0	0	
Bromomethane	0.00268	0.00500	0.00232	0	115	10	400	0	0	
Carbon tetrachloride	0.00199	0.00500	0.00232	0	85.8	10	400	0	0	
Chlorobenzene	0.00228	0.00500	0.00232	0	98.1	10	400	0	0	
Chloroethane	0.00219	0.00500	0.00232	0	94.4	10	400	0	0	
Chloroform	0.00205	0.00500	0.00232	0	88.4	10	400	0	0	
Chloromethane	0.00218	0.00500	0.00232	0	93.8	10	400	0	0	
cis-1,2-Dichloroethene	0.00216	0.00500	0.00232	0	93.0	10	400	0	0	
cis-1,3-Dichloropropene	0.00196	0.00500	0.00232	0	84.6	10	400	0	0	
Dibromochloromethane	0.00208	0.00500	0.00232	0	89.7	10	400	0	0	
Dibromomethane	0.00217	0.00500	0.00232	0	93.4	10	400	0	0	
Dichlorodifluoromethane	0.00209	0.00500	0.00232	0	90.1	10	400	0	0	
Ethylbenzene	0.00231	0.00500	0.00232	0	99.6	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220622A

Sample ID: **DCS-105814**	Batch ID: **105814**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS1_220622A**	Analysis Date: **6/22/2022 9:52:00 PM**	Prep Date: **6/22/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Hexachlorobutadiene	0.00278	0.00500	0.00232	0	120	10	400	0	0	
Isopropylbenzene	0.00228	0.00500	0.00232	0	98.2	10	400	0	0	
m,p-Xylene	0.00428	0.00500	0.00464	0	92.2	10	400	0	0	
Methyl tert-butyl ether	0.00210	0.00500	0.00232	0	90.5	10	400	0	0	
n-Butylbenzene	0.00235	0.00500	0.00232	0	101	10	400	0	0	
n-Propylbenzene	0.00239	0.00500	0.00232	0	103	10	400	0	0	
o-Xylene	0.00220	0.00500	0.00232	0	95.0	10	400	0	0	
p-Isopropyltoluene	0.00223	0.00500	0.00232	0	96.0	10	400	0	0	
sec-Butylbenzene	0.00225	0.00500	0.00232	0	97.1	10	400	0	0	
Styrene	0.00206	0.00500	0.00232	0	88.8	10	400	0	0	
tert-Butylbenzene	0.00232	0.00500	0.00232	0	99.9	10	400	0	0	
Tetrachloroethene	0.00195	0.00500	0.00232	0	84.2	10	400	0	0	
Toluene	0.00209	0.00500	0.00232	0	90.2	10	400	0	0	
trans-1,2-Dichloroethene	0.00217	0.00500	0.00232	0	93.6	10	400	0	0	
trans-1,3-Dichloropropene	0.00287	0.00500	0.00232	0	124	10	400	0	0	
Trichloroethene	0.00190	0.00500	0.00232	0	81.8	10	400	0	0	
Vinyl chloride	0.00218	0.00500	0.00232	0	94.1	10	400	0	0	

Sample ID: **DCS2-105814**	Batch ID: **105814**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **DCS2**	Run ID: **GCMS1_220622A**	Analysis Date: **6/22/2022 10:20:00 PM**	Prep Date: **6/22/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.00439	0.00500	0.00464	0	94.5	10	400	0	0	
1,1,1-Trichloroethane	0.00425	0.00500	0.00464	0	91.5	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.00456	0.00500	0.00464	0	98.2	10	400	0	0	
1,1,2-Trichloroethane	0.00426	0.00500	0.00464	0	91.8	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.00412	0.0150	0.00464	0	88.9	10	400	0	0	
1,1-Dichloroethane	0.00425	0.00500	0.00464	0	91.7	10	400	0	0	
1,1-Dichloroethene	0.00413	0.00500	0.00464	0	88.9	10	400	0	0	
1,1-Dichloropropene	0.00419	0.00500	0.00464	0	90.2	10	400	0	0	
1,2,3-Trichlorobenzene	0.00437	0.00500	0.00464	0	94.2	10	400	0	0	
1,2,3-Trichloropropane	0.00424	0.00500	0.00464	0	91.3	10	400	0	0	
1,2,4-Trichlorobenzene	0.00396	0.00500	0.00464	0	85.3	10	400	0	0	
1,2,4-Trimethylbenzene	0.00398	0.00500	0.00464	0	85.8	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00450	0.00500	0.00464	0	97.1	10	400	0	0	
1,2-Dibromoethane	0.00480	0.00500	0.00464	0	103	10	400	0	0	
1,2-Dichlorobenzene	0.00444	0.00500	0.00464	0	95.6	10	400	0	0	
1,2-Dichloroethane	0.00432	0.00500	0.00464	0	93.1	10	400	0	0	
1,2-Dichloropropane	0.00431	0.00500	0.00464	0	92.8	10	400	0	0	
1,3,5-Trimethylbenzene	0.00371	0.00500	0.00464	0	79.9	10	400	0	0	
1,3-Dichlorobenzene	0.00428	0.00500	0.00464	0	92.2	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220622A

Sample ID: **DCS2-105814** Batch ID: **105814** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS2** Run ID: **GCMS1_220622A** Analysis Date: **6/22/2022 10:20:00 PM** Prep Date: **6/22/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,3-Dichloropropane	0.00459	0.00500	0.00464	0	98.9	10	400	0	0	
1,4-Dichlorobenzene	0.00443	0.00500	0.00464	0	95.4	10	400	0	0	
1-Chlorohexane	0.00478	0.00500	0.00464	0	103	10	400	0	0	
2,2-Dichloropropane	0.00400	0.00500	0.00464	0	86.1	10	400	0	0	
2-Butanone	0.0217	0.0150	0.0232	0	93.5	10	400	0	0	
2-Chlorotoluene	0.00428	0.00500	0.00464	0	92.2	10	400	0	0	
2-Hexanone	0.0228	0.0150	0.0232	0	98.4	10	400	0	0	
4-Chlorotoluene	0.00425	0.00500	0.00464	0	91.5	10	400	0	0	
4-Methyl-2-pentanone	0.0224	0.0150	0.0232	0	96.4	10	400	0	0	
Acetone	0.0221	0.0500	0.0232	0	95.5	10	400	0	0	
Benzene	0.00418	0.00500	0.00464	0	90.2	10	400	0	0	
Bromobenzene	0.00454	0.00500	0.00464	0	97.8	10	400	0	0	
Bromochloromethane	0.00430	0.00500	0.00464	0	92.7	10	400	0	0	
Bromodichloromethane	0.00416	0.00500	0.00464	0	89.6	10	400	0	0	
Bromoform	0.00389	0.00500	0.00464	0	83.8	10	400	0	0	
Bromomethane	0.00459	0.00500	0.00464	0	99.0	10	400	0	0	
Carbon disulfide	0.00428	0.0150	0.00464	0	92.2	10	400	0	0	
Carbon tetrachloride	0.00406	0.00500	0.00464	0	87.5	10	400	0	0	
Chlorobenzene	0.00443	0.00500	0.00464	0	95.6	10	400	0	0	
Chloroethane	0.00460	0.00500	0.00464	0	99.1	10	400	0	0	
Chloroform	0.00428	0.00500	0.00464	0	92.2	10	400	0	0	
Chloromethane	0.00454	0.00500	0.00464	0	97.9	10	400	0	0	
cis-1,2-Dichloroethene	0.00437	0.00500	0.00464	0	94.2	10	400	0	0	
cis-1,3-Dichloropropene	0.00405	0.00500	0.00464	0	87.3	10	400	0	0	
Cyclohexane	0.00382	0.0150	0.00464	0	82.3	10	400	0	0	N
Dibromochloromethane	0.00430	0.00500	0.00464	0	92.7	10	400	0	0	
Dibromomethane	0.00451	0.00500	0.00464	0	97.1	10	400	0	0	
Dichlorodifluoromethane	0.00442	0.00500	0.00464	0	95.2	10	400	0	0	
Ethylbenzene	0.00427	0.00500	0.00464	0	92.1	10	400	0	0	
Hexachlorobutadiene	0.00380	0.00500	0.00464	0	81.9	10	400	0	0	
Isopropylbenzene	0.00401	0.00500	0.00464	0	86.3	10	400	0	0	
m,p-Xylene	0.00830	0.00500	0.00928	0	89.4	10	400	0	0	
Methyl Acetate	0.00470	0.0150	0.00464	0	101	10	400	0	0	
Methyl tert-butyl ether	0.00427	0.00500	0.00464	0	91.9	10	400	0	0	
Methylcyclohexane	0.00335	0.0150	0.00464	0	72.2	10	400	0	0	
Methylene chloride	0.00457	0.00500	0.00464	0	98.4	10	400	0	0	
Naphthalene	0.00456	0.0150	0.00464	0	98.2	10	400	0	0	
n-Butylbenzene	0.00360	0.00500	0.00464	0	77.7	10	400	0	0	
n-Propylbenzene	0.00399	0.00500	0.00464	0	85.9	10	400	0	0	
o-Xylene	0.00435	0.00500	0.00464	0	93.7	10	400	0	0	
p-Isopropyltoluene	0.00344	0.00500	0.00464	0	74.1	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220622A

Sample ID: **DCS2-105814** Batch ID: **105814** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS2** Run ID: **GCMS1_220622A** Analysis Date: **6/22/2022 10:20:00 PM** Prep Date: **6/22/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
sec-Butylbenzene	0.00361	0.00500	0.00464	0	77.8	10	400	0	0	
Styrene	0.00408	0.00500	0.00464	0	88.0	10	400	0	0	
tert-Butylbenzene	0.00368	0.00500	0.00464	0	79.4	10	400	0	0	
Tetrachloroethene	0.00397	0.00500	0.00464	0	85.5	10	400	0	0	
Toluene	0.00413	0.00500	0.00464	0	89.0	10	400	0	0	
trans-1,2-Dichloroethene	0.00441	0.00500	0.00464	0	95.0	10	400	0	0	
trans-1,3-Dichloropropene	0.00479	0.00500	0.00464	0	103	10	400	0	0	
Trichloroethene	0.00392	0.00500	0.00464	0	84.5	10	400	0	0	
Trichlorofluoromethane	0.00466	0.0150	0.00464	0	100	10	400	0	0	
Vinyl chloride	0.00455	0.00500	0.00464	0	98.1	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

The QC data in batch 106038 applies to the following samples: 2207012-01A, 2207012-02A, 2207012-03A, 2207012-04A, 2207012-05A, 2207012-06A, 2207012-07A, 2207012-08A

Sample ID: **LCS-106038** Batch ID: **106038** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **LCS** Run ID: **GCMS1_220701A** Analysis Date: **7/1/2022 3:15:00 PM** Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0238	0.00500	0.0232	0	103	74	125			
1,1,1-Trichloroethane	0.0238	0.00500	0.0232	0	102	68	130			
1,1,2,2-Tetrachloroethane	0.0235	0.00500	0.0232	0	101	59	140			
1,1,2-Trichloroethane	0.0234	0.00500	0.0232	0	101	62	127			
1,1,2-Trichlorotrifluoroethane	0.0221	0.0150	0.0232	0	95.3	57	135			
1,1-Dichloroethane	0.0240	0.00500	0.0232	0	103	73	125			
1,1-Dichloroethene	0.0230	0.00500	0.0232	0	99.1	65	136			
1,1-Dichloropropene	0.0243	0.00500	0.0232	0	105	70	135			
1,2,3-Trichlorobenzene	0.0244	0.00500	0.0232	0	105	62	133			
1,2,3-Trichloropropane	0.0222	0.00500	0.0232	0	95.6	63	130			
1,2,4-Trichlorobenzene	0.0243	0.00500	0.0232	0	105	65	131			
1,2,4-Trimethylbenzene	0.0244	0.00500	0.0232	0	105	65	135			
1,2-Dibromo-3-chloropropane	0.0229	0.00500	0.0232	0	98.8	49	135			
1,2-Dibromoethane	0.0242	0.00500	0.0232	0	105	70	124			
1,2-Dichlorobenzene	0.0231	0.00500	0.0232	0	99.6	74	120			
1,2-Dichloroethane	0.0233	0.00500	0.0232	0	100	72	137			
1,2-Dichloropropane	0.0234	0.00500	0.0232	0	101	71	120			
1,3,5-Trimethylbenzene	0.0236	0.00500	0.0232	0	102	65	133			
1,3-Dichlorobenzene	0.0241	0.00500	0.0232	0	104	72	124			
1,3-Dichloropropane	0.0239	0.00500	0.0232	0	103	76	123			
1,4-Dichlorobenzene	0.0239	0.00500	0.0232	0	103	72	125			
1-Chlorohexane	0.0238	0.00500	0.0232	0	102	60	135			
2,2-Dichloropropane	0.0267	0.00500	0.0232	0	115	67	134			
2-Butanone	0.246	0.0150	0.232	0	106	60	135			
2-Chlorotoluene	0.0240	0.00500	0.0232	0	103	69	128			
2-Hexanone	0.260	0.0150	0.232	0	112	50	150			
4-Chlorotoluene	0.0242	0.00500	0.0232	0	104	73	126			
4-Methyl-2-pentanone	0.251	0.0150	0.232	0	108	60	135			
Acetone	0.255	0.0500	0.232	0	110	40	141			
Benzene	0.0234	0.00500	0.0232	0	101	73	126			
Bromobenzene	0.0226	0.00500	0.0232	0	97.3	66	121			
Bromochloromethane	0.0228	0.00500	0.0232	0	98.2	71	127			
Bromodichloromethane	0.0233	0.00500	0.0232	0	100	72	128			
Bromoform	0.0222	0.00500	0.0232	0	95.9	66	137			
Bromomethane	0.0228	0.00500	0.0232	0	98.3	45	141			
Carbon disulfide	0.0228	0.0150	0.0232	0	98.2	50	150			
Carbon tetrachloride	0.0240	0.00500	0.0232	0	103	67	133			
Chlorobenzene	0.0236	0.00500	0.0232	0	102	75	123			
Chloroethane	0.0243	0.00500	0.0232	0	105	41	141			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **LCS-106038**	Batch ID: **106038**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **GCMS1_220701A**	Analysis Date: **7/1/2022 3:15:00 PM**	Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloroform	0.0238	0.00500	0.0232	0	102	72	124			
Chloromethane	0.0238	0.00500	0.0232	0	103	51	129			
cis-1,2-Dichloroethene	0.0233	0.00500	0.0232	0	101	67	125			
cis-1,3-Dichloropropene	0.0234	0.00500	0.0232	0	101	72	126			
Cyclohexane	0.0270	0.0150	0.0232	0	116	40	158			N
Dibromochloromethane	0.0231	0.00500	0.0232	0	99.7	66	130			
Dibromomethane	0.0232	0.00500	0.0232	0	100	73	128			
Dichlorodifluoromethane	0.0233	0.00500	0.0232	0	100	34	136			
Ethylbenzene	0.0246	0.00500	0.0232	0	106	74	127			
Hexachlorobutadiene	0.0256	0.00500	0.0232	0	110	53	142			
Isopropylbenzene	0.0249	0.00500	0.0232	0	107	77	129			
m,p-Xylene	0.0477	0.00500	0.0464	0	103	79	126			
Methyl Acetate	0.0222	0.0150	0.0232	0	95.9	50	150			
Methyl tert-butyl ether	0.0225	0.00500	0.0232	0	97.0	50	135			
Methylcyclohexane	0.0257	0.0150	0.0232	0	111	50	150			
Methylene chloride	0.0262	0.00500	0.0232	0	113	63	137			
Naphthalene	0.0230	0.0150	0.0232	0	99.4	51	135			
n-Butylbenzene	0.0262	0.00500	0.0232	0	113	65	138			
n-Propylbenzene	0.0252	0.00500	0.0232	0	109	63	135			
o-Xylene	0.0244	0.00500	0.0232	0	105	77	125			
p-Isopropyltoluene	0.0247	0.00500	0.0232	0	106	75	133			
sec-Butylbenzene	0.0247	0.00500	0.0232	0	106	63	132			
Styrene	0.0237	0.00500	0.0232	0	102	74	128			
tert-Butylbenzene	0.0242	0.00500	0.0232	0	104	65	132			
Tetrachloroethene	0.0241	0.00500	0.0232	0	104	67	139			
Toluene	0.0241	0.00500	0.0232	0	104	71	127			
trans-1,2-Dichloroethene	0.0239	0.00500	0.0232	0	103	66	134			
trans-1,3-Dichloropropene	0.0241	0.00500	0.0232	0	104	65	127			
Trichloroethene	0.0228	0.00500	0.0232	0	98.1	77	124			
Trichlorofluoromethane	0.0244	0.0150	0.0232	0	105	49	139			
Vinyl chloride	0.0243	0.00500	0.0232	0	105	58	126			
Xylenes, Total	0.0721	0.00500	0.0696	0	104	75	125			
Surr: 1,2-Dichloroethane-d4	48.0		50.00		95.9	52	149			
Surr: 4-Bromofluorobenzene	51.0		50.00		102	84	118			
Surr: Dibromofluoromethane	49.4		50.00		98.8	65	135			
Surr: Toluene-d8	51.5		50.00		103	84	116			

Sample ID: **LCSD-106038**	Batch ID: **106038**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **GCMS1_220701A**	Analysis Date: **7/1/2022 3:43:00 PM**	Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **LCSD-106038**	Batch ID: **106038**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **GCMS1_220701A**	Analysis Date: **7/1/2022 3:43:00 PM**	Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0240	0.00500	0.0232	0	104	74	125	1.05	30	
1,1,1-Trichloroethane	0.0246	0.00500	0.0232	0	106	68	130	3.35	30	
1,1,2,2-Tetrachloroethane	0.0252	0.00500	0.0232	0	109	59	140	6.86	30	
1,1,2-Trichloroethane	0.0243	0.00500	0.0232	0	105	62	127	3.98	30	
1,1,2-Trichlorotrifluoroethane	0.0219	0.0150	0.0232	0	94.5	57	135	0.772	30	
1,1-Dichloroethane	0.0247	0.00500	0.0232	0	106	73	125	3.00	30	
1,1-Dichloroethene	0.0234	0.00500	0.0232	0	101	65	136	2.02	30	
1,1-Dichloropropene	0.0244	0.00500	0.0232	0	105	70	135	0.780	30	
1,2,3-Trichlorobenzene	0.0255	0.00500	0.0232	0	110	62	133	4.37	30	
1,2,3-Trichloropropane	0.0241	0.00500	0.0232	0	104	63	130	8.34	30	
1,2,4-Trichlorobenzene	0.0251	0.00500	0.0232	0	108	65	131	3.40	30	
1,2,4-Trimethylbenzene	0.0247	0.00500	0.0232	0	106	65	135	1.14	30	
1,2-Dibromo-3-chloropropane	0.0254	0.00500	0.0232	0	110	49	135	10.4	30	
1,2-Dibromoethane	0.0249	0.00500	0.0232	0	107	70	124	2.60	30	
1,2-Dichlorobenzene	0.0238	0.00500	0.0232	0	103	74	120	3.07	30	
1,2-Dichloroethane	0.0239	0.00500	0.0232	0	103	72	137	2.63	30	
1,2-Dichloropropane	0.0238	0.00500	0.0232	0	103	71	120	2.03	30	
1,3,5-Trimethylbenzene	0.0240	0.00500	0.0232	0	103	65	133	1.47	30	
1,3-Dichlorobenzene	0.0244	0.00500	0.0232	0	105	72	124	1.65	30	
1,3-Dichloropropane	0.0246	0.00500	0.0232	0	106	76	123	2.81	30	
1,4-Dichlorobenzene	0.0244	0.00500	0.0232	0	105	72	125	1.82	30	
1-Chlorohexane	0.0239	0.00500	0.0232	0	103	60	135	0.462	30	
2,2-Dichloropropane	0.0264	0.00500	0.0232	0	114	67	134	1.09	30	
2-Butanone	0.265	0.0150	0.232	0	114	60	135	7.42	30	
2-Chlorotoluene	0.0248	0.00500	0.0232	0	107	69	128	3.28	30	
2-Hexanone	0.279	0.0150	0.232	0	120	50	150	7.09	30	
4-Chlorotoluene	0.0250	0.00500	0.0232	0	108	73	126	3.09	30	
4-Methyl-2-pentanone	0.268	0.0150	0.232	0	116	60	135	6.75	30	
Acetone	0.272	0.0500	0.232	0	117	40	141	6.74	30	
Benzene	0.0240	0.00500	0.0232	0	103	73	126	2.45	30	
Bromobenzene	0.0235	0.00500	0.0232	0	101	66	121	4.12	30	
Bromochloromethane	0.0236	0.00500	0.0232	0	102	71	127	3.58	30	
Bromodichloromethane	0.0239	0.00500	0.0232	0	103	72	128	2.50	30	
Bromoform	0.0231	0.00500	0.0232	0	99.4	66	137	3.62	30	
Bromomethane	0.0231	0.00500	0.0232	0	99.7	45	141	1.48	30	
Carbon disulfide	0.0231	0.0150	0.0232	0	99.7	50	150	1.44	30	
Carbon tetrachloride	0.0248	0.00500	0.0232	0	107	67	133	3.28	30	
Chlorobenzene	0.0239	0.00500	0.0232	0	103	75	123	1.26	30	
Chloroethane	0.0242	0.00500	0.0232	0	104	41	141	0.206	30	
Chloroform	0.0248	0.00500	0.0232	0	107	72	124	4.28	30	
Chloromethane	0.0244	0.00500	0.0232	0	105	51	129	2.32	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **LCSD-106038**	Batch ID: **106038**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **GCMS1_220701A**	Analysis Date: **7/1/2022 3:43:00 PM**	Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0242	0.00500	0.0232	0	104	67	125	3.62	30	
cis-1,3-Dichloropropene	0.0241	0.00500	0.0232	0	104	72	126	2.91	30	
Cyclohexane	0.0276	0.0150	0.0232	0	119	40	158	2.34	30	N
Dibromochloromethane	0.0240	0.00500	0.0232	0	103	66	130	3.69	30	
Dibromomethane	0.0241	0.00500	0.0232	0	104	73	128	3.59	30	
Dichlorodifluoromethane	0.0239	0.00500	0.0232	0	103	34	136	2.71	30	
Ethylbenzene	0.0246	0.00500	0.0232	0	106	74	127	0.081	30	
Hexachlorobutadiene	0.0259	0.00500	0.0232	0	112	53	142	1.16	30	
Isopropylbenzene	0.0255	0.00500	0.0232	0	110	77	129	2.42	30	
m,p-Xylene	0.0482	0.00500	0.0464	0	104	79	126	1.13	30	
Methyl Acetate	0.0240	0.0150	0.0232	0	103	50	150	7.61	30	
Methyl tert-butyl ether	0.0238	0.00500	0.0232	0	103	50	135	5.61	30	
Methylcyclohexane	0.0262	0.0150	0.0232	0	113	50	150	1.85	30	
Methylene chloride	0.0268	0.00500	0.0232	0	115	63	137	2.23	30	
Naphthalene	0.0243	0.0150	0.0232	0	105	51	135	5.24	30	
n-Butylbenzene	0.0263	0.00500	0.0232	0	113	65	138	0.305	30	
n-Propylbenzene	0.0258	0.00500	0.0232	0	111	63	135	2.32	30	
o-Xylene	0.0249	0.00500	0.0232	0	107	77	125	1.95	30	
p-Isopropyltoluene	0.0252	0.00500	0.0232	0	108	75	133	1.88	30	
sec-Butylbenzene	0.0252	0.00500	0.0232	0	109	63	132	1.92	30	
Styrene	0.0239	0.00500	0.0232	0	103	74	128	0.797	30	
tert-Butylbenzene	0.0247	0.00500	0.0232	0	107	65	132	2.04	30	
Tetrachloroethene	0.0244	0.00500	0.0232	0	105	67	139	1.32	30	
Toluene	0.0245	0.00500	0.0232	0	106	71	127	1.81	30	
trans-1,2-Dichloroethene	0.0244	0.00500	0.0232	0	105	66	134	2.20	30	
trans-1,3-Dichloropropene	0.0252	0.00500	0.0232	0	109	65	127	4.38	30	
Trichloroethene	0.0230	0.00500	0.0232	0	99.0	77	124	0.875	30	
Trichlorofluoromethane	0.0251	0.0150	0.0232	0	108	49	139	2.87	30	
Vinyl chloride	0.0249	0.00500	0.0232	0	107	58	126	2.35	30	
Xylenes, Total	0.0731	0.00500	0.0696	0	105	75	125	1.41	30	
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.3	52	149	0	0	
Surr: 4-Bromofluorobenzene	51.8		50.00		104	84	118	0	0	
Surr: Dibromofluoromethane	49.0		50.00		98.1	65	135	0	0	
Surr: Toluene-d8	51.1		50.00		102	84	116	0	0	

Sample ID: **MB-106038**	Batch ID: **106038**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS1_220701A**	Analysis Date: **7/1/2022 4:41:00 PM**	Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	<0.00100	0.00500								
1,1,1-Trichloroethane	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **MB-106038**	Batch ID: **106038**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS1_220701A**	Analysis Date: **7/1/2022 4:41:00 PM**	Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,1-Dichloropropene	<0.00100	0.00500								
1,2,3-Trichlorobenzene	<0.00100	0.00500								
1,2,3-Trichloropropane	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2,4-Trimethylbenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3,5-Trimethylbenzene	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,3-Dichloropropane	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
1-Chlorohexane	<0.00100	0.00500								
2,2-Dichloropropane	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Chlorotoluene	<0.00100	0.00500								
2-Hexanone	<0.00500	0.0150								
4-Chlorotoluene	<0.00100	0.00500								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromobenzene	<0.00100	0.00500								
Bromochloromethane	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **MB-106038** Batch ID: **106038** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GCMS1_220701A** Analysis Date: **7/1/2022 4:41:00 PM** Prep Date: **7/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dibromomethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Hexachlorobutadiene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
Naphthalene	<0.00500	0.0150								
n-Butylbenzene	<0.00100	0.00500								
n-Propylbenzene	<0.00100	0.00500								
o-Xylene	<0.00100	0.00500								
p-Isopropyltoluene	<0.00100	0.00500								
sec-Butylbenzene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
tert-Butylbenzene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								
trans-1,2-Dichloroethene	<0.00100	0.00500								
trans-1,3-Dichloropropene	<0.00100	0.00500								
Trichloroethene	<0.00100	0.00500								
Trichlorofluoromethane	<0.00500	0.0150								
Vinyl chloride	<0.00100	0.00500								
Xylenes, Total	<0.00100	0.00500								
Surr: 1,2-Dichloroethane-d4	44.9		50.00		89.8	52	149			
Surr: 4-Bromofluorobenzene	53.6		50.00		107	84	118			
Surr: Dibromofluoromethane	48.2		50.00		96.4	65	135			
Surr: Toluene-d8	55.0		50.00		110	84	116			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **ICV-220701** Batch ID: **R121913** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS1_220701A** Analysis Date: **7/1/2022 1:20:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0481	0.00500	0.0464	0	104	70	130			
1,1,1-Trichloroethane	0.0492	0.00500	0.0464	0	106	70	130			
1,1,2,2-Tetrachloroethane	0.0465	0.00500	0.0464	0	100	70	130			
1,1,2-Trichloroethane	0.0485	0.00500	0.0464	0	105	70	130			
1,1,2-Trichlorotrifluoroethane	0.0567	0.0150	0.0464	0	122	70	130			
1,1-Dichloroethane	0.0489	0.00500	0.0464	0	105	70	130			
1,1-Dichloroethene	0.0747	0.00500	0.0464	0	161	70	130			S
1,1-Dichloropropene	0.0512	0.00500	0.0464	0	110	70	130			
1,2,3-Trichlorobenzene	0.0501	0.00500	0.0464	0	108	70	130			
1,2,3-Trichloropropane	0.0451	0.00500	0.0464	0	97.1	70	130			
1,2,4-Trichlorobenzene	0.0503	0.00500	0.0464	0	108	70	130			
1,2,4-Trimethylbenzene	0.0510	0.00500	0.0464	0	110	70	130			
1,2-Dibromo-3-chloropropane	0.0464	0.00500	0.0464	0	100	70	130			
1,2-Dibromoethane	0.0474	0.00500	0.0464	0	102	70	130			
1,2-Dichlorobenzene	0.0474	0.00500	0.0464	0	102	70	130			
1,2-Dichloroethane	0.0476	0.00500	0.0464	0	103	70	130			
1,2-Dichloropropane	0.0478	0.00500	0.0464	0	103	70	130			
1,3,5-Trimethylbenzene	0.0494	0.00500	0.0464	0	107	70	130			
1,3-Dichlorobenzene	0.0491	0.00500	0.0464	0	106	70	130			
1,3-Dichloropropane	0.0471	0.00500	0.0464	0	101	70	130			
1,4-Dichlorobenzene	0.0483	0.00500	0.0464	0	104	70	130			
1-Chlorohexane	0.0459	0.00500	0.0464	0	98.8	70	130			
2,2-Dichloropropane	0.0569	0.00500	0.0464	0	123	70	130			
2-Butanone	0.524	0.0150	0.464	0	113	70	130			
2-Chlorotoluene	0.0487	0.00500	0.0464	0	105	70	130			
2-Hexanone	0.526	0.0150	0.464	0	113	70	130			
4-Chlorotoluene	0.0498	0.00500	0.0464	0	107	70	130			
4-Methyl-2-pentanone	0.517	0.0150	0.464	0	111	70	130			
Acetone	0.533	0.0500	0.464	0	115	70	130			
Benzene	0.0489	0.00500	0.0464	0	105	70	130			
Bromobenzene	0.0467	0.00500	0.0464	0	101	70	130			
Bromochloromethane	0.0479	0.00500	0.0464	0	103	70	130			
Bromodichloromethane	0.0484	0.00500	0.0464	0	104	70	130			
Bromoform	0.0474	0.00500	0.0464	0	102	70	130			
Bromomethane	0.0452	0.00500	0.0464	0	97.3	70	130			
Carbon disulfide	0.0701	0.0150	0.0464	0	151	70	130			S
Carbon tetrachloride	0.0496	0.00500	0.0464	0	107	70	130			
Chlorobenzene	0.0473	0.00500	0.0464	0	102	70	130			
Chloroethane	0.0484	0.00500	0.0464	0	104	70	130			
Chloroform	0.0493	0.00500	0.0464	0	106	70	130			
Chloromethane	0.0479	0.00500	0.0464	0	103	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220701A

Sample ID: **ICV-220701** Batch ID: **R121913** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS1_220701A** Analysis Date: **7/1/2022 1:20:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0486	0.00500	0.0464	0	105	70	130			
cis-1,3-Dichloropropene	0.0498	0.00500	0.0464	0	107	70	130			
Cyclohexane	0.0598	0.0150	0.0464	0	129	70	130			N
Dibromochloromethane	0.0482	0.00500	0.0464	0	104	70	130			
Dibromomethane	0.0478	0.00500	0.0464	0	103	70	130			
Dichlorodifluoromethane	0.0474	0.00500	0.0464	0	102	70	130			
Ethylbenzene	0.0491	0.00500	0.0464	0	106	70	130			
Hexachlorobutadiene	0.0516	0.00500	0.0464	0	111	70	130			
Isopropylbenzene	0.0504	0.00500	0.0464	0	109	70	130			
m,p-Xylene	0.0978	0.00500	0.0928	0	105	70	130			
Methyl Acetate	0.0474	0.0150	0.0464	0	102	70	130			
Methyl tert-butyl ether	0.0474	0.00500	0.0464	0	102	70	130			
Methylcyclohexane	0.0558	0.0150	0.0464	0	120	70	130			
Methylene chloride	0.0502	0.00500	0.0464	0	108	70	130			
Naphthalene	0.0476	0.0150	0.0464	0	103	70	130			
n-Butylbenzene	0.0530	0.00500	0.0464	0	114	70	130			
n-Propylbenzene	0.0520	0.00500	0.0464	0	112	70	130			
o-Xylene	0.0492	0.00500	0.0464	0	106	70	130			
p-Isopropyltoluene	0.0512	0.00500	0.0464	0	110	70	130			
sec-Butylbenzene	0.0506	0.00500	0.0464	0	109	70	130			
Styrene	0.0486	0.00500	0.0464	0	105	70	130			
tert-Butylbenzene	0.0497	0.00500	0.0464	0	107	70	130			
Tetrachloroethene	0.0502	0.00500	0.0464	0	108	70	130			
Toluene	0.0490	0.00500	0.0464	0	106	70	130			
trans-1,2-Dichloroethene	0.0493	0.00500	0.0464	0	106	70	130			
trans-1,3-Dichloropropene	0.0505	0.00500	0.0464	0	109	70	130			
Trichloroethene	0.0481	0.00500	0.0464	0	104	70	130			
Trichlorofluoromethane	0.0458	0.0150	0.0464	0	98.7	70	130			
Vinyl chloride	0.0472	0.00500	0.0464	0	102	70	130			
Xylenes, Total	0.147	0.00500	0.139	0	106	70	130			
Surr: 1,2-Dichloroethane-d4	49.6		50.00		99.2	52	149			
Surr: 4-Bromofluorobenzene	51.5		50.00		103	84	118			
Surr: Dibromofluoromethane	50.1		50.00		100	65	135			
Surr: Toluene-d8	49.5		50.00		98.9	84	116			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_220705A

The QC data in batch 106063 applies to the following samples: 2207012-01E, 2207012-02E, 2207012-03E, 2207012-04E, 2207012-05E, 2207012-06E, 2207012-07E, 2207012-08E

Sample ID: **2207007-01B-DUP** Batch ID: **106063** TestNo: **D2216** Units: **WT%**
SampType: **DUP** Run ID: **PMOIST_220705A** Analysis Date: **7/6/2022 8:25:00 AM** Prep Date: **7/5/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	7.68	0	0	7.448				3.02	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

MQL SUMMARY REPORT

TestNo: TX1005	MDL	MQL
Analyte	**mg/Kg**	**mg/Kg**
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: SW6020B	MDL	MQL
Analyte	**mg/Kg**	**mg/Kg**
Aluminum	12.5	37.5
Antimony	0.500	1.00
Arsenic	0.500	1.00
Barium	0.500	2.00
Beryllium	0.100	0.300
Cadmium	0.100	0.300
Calcium	12.5	37.5
Chromium	0.500	2.00
Cobalt	0.500	2.00
Copper	0.500	2.00
Iron	12.5	37.5
Lead	0.100	0.300
Magnesium	12.5	37.5
Manganese	0.500	2.00
Nickel	0.500	2.00
Potassium	12.5	37.5
Selenium	0.150	0.500
Silver	0.100	0.200
Sodium	12.5	37.5
Thallium	0.500	1.00
Vanadium	1.00	2.50
Zinc	1.00	2.50

TestNo: SW8260D	MDL	MQL
Analyte	**mg/Kg**	**mg/Kg**
1,1,1,2-Tetrachloroethane	0.00100	0.00500
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,1-Dichloropropene	0.00100	0.00500
1,2,3-Trichlorobenzene	0.00100	0.00500
1,2,3-Trichloropropane	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2,4-Trimethylbenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3,5-Trimethylbenzene	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,3-Dichloropropane	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
1-Chlorohexane	0.00100	0.00500
2,2-Dichloropropane	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Chlorotoluene	0.00100	0.00500
2-Hexanone	0.00500	0.0150
4-Chlorotoluene	0.00100	0.00500
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromobenzene	0.00100	0.00500
Bromochloromethane	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

MQL SUMMARY REPORT

Dibromochloromethane	0.00100	0.00500
Dibromomethane	0.00100	0.00500
Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Hexachlorobutadiene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
Naphthalene	0.00500	0.0150
n-Butylbenzene	0.00100	0.00500
n-Propylbenzene	0.00100	0.00500
o-Xylene	0.00100	0.00500
p-Isopropyltoluene	0.00100	0.00500
sec-Butylbenzene	0.00100	0.00500
Styrene	0.00100	0.00500
tert-Butylbenzene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500
Xylenes, Total	0.00100	0.00500

TestNo: SW8270E	MDL	MQL
Analyte	**mg/Kg**	**mg/Kg**
2,4,5-Trichlorophenol	0.0100	0.0266
2,4,6-Trichlorophenol	0.0100	0.0266
2,4-Dichlorophenol	0.0100	0.0266
2,4-Dimethylphenol	0.0100	0.0266
2,4-Dinitrophenol	0.0500	0.132
2,4-Dinitrotoluene	0.0100	0.0266
2,6-Dinitrotoluene	0.0100	0.0266
2-Chloronaphthalene	0.0100	0.0266
2-Chlorophenol	0.0100	0.0266
2-Methylnaphthalene	0.0100	0.0266
2-Methylphenol	0.0100	0.0266
2-Nitroaniline	0.0100	0.0266
2-Nitrophenol	0.0100	0.0266
3,3´-Dichlorobenzidine	0.0100	0.0266
3-Nitroaniline	0.0100	0.0266
4,6-Dinitro-2-methylphenol	0.0300	0.0660
4-Bromophenyl phenyl ether	0.0100	0.0266
4-Chloro-3-methylphenol	0.0100	0.0266
4-Chloroaniline	0.0300	0.0660
4-Chlorophenyl phenyl ether	0.0100	0.0266
4-Methylphenol	0.0200	0.0266
4-Nitroaniline	0.0100	0.0266
4-Nitrophenol	0.0500	0.132
Acenaphthene	0.0100	0.0266
Acenaphthylene	0.0100	0.0266
Acetophenone	0.0100	0.0266
Anthracene	0.0100	0.0266
Atrazine	0.0100	0.0266
Benzaldehyde	0.0100	0.0266
Benzo[a]anthracene	0.0100	0.0266
Benzo[a]pyrene	0.0100	0.0266
Benzo[b]fluoranthene	0.0100	0.0266
Benzo[g,h,i]perylene	0.0100	0.0266
Benzo[k]fluoranthene	0.0100	0.0266
Benzoic acid	0.0500	0.132
Benzyl alcohol	0.0300	0.0660
Biphenyl	0.0100	0.0266
Bis(2-chloroethoxy)methane	0.0100	0.0266
Bis(2-chloroethyl)ether	0.0100	0.0266
Bis(2-chloroisopropyl)ether	0.0100	0.0266
Bis(2-ethylhexyl)phthalate	0.0300	0.0660
Butyl benzyl phthalate	0.0400	0.0660
Caprolactam	0.0300	0.0660
Carbazole	0.0100	0.0266
Chrysene	0.0100	0.0266
Dibenz[a,h]anthracene	0.0100	0.0266

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

CLIENT: Terracon
Work Order: 2207012
Project: Sam Houston Middle School

MQL SUMMARY REPORT

Dibenzofuran	0.0100	0.0266
Diethyl phthalate	0.0400	0.0660
Dimethyl phthalate	0.0400	0.0660
Di-n-butyl phthalate	0.0400	0.0660
Di-n-octyl phthalate	0.0400	0.0660
Fluoranthene	0.0100	0.0266
Fluorene	0.0100	0.0266
Hexachlorobenzene	0.0100	0.0266
Hexachlorobutadiene	0.0100	0.0266
Hexachlorocyclopentadiene	0.0300	0.0660
Hexachloroethane	0.0100	0.0266
Indeno[1,2,3-cd]pyrene	0.0100	0.0266
Isophorone	0.0300	0.0660
Naphthalene	0.0100	0.0266
Nitrobenzene	0.0100	0.0266
N-Nitrosodi-n-propylamine	0.0100	0.0266
N-Nitrosodiphenylamine	0.0100	0.0266
Pentachlorophenol	0.0100	0.0266
Phenanthrene	0.0100	0.0266
Phenol	0.0100	0.0266
Pyrene	0.0100	0.0266
Pyridine	0.0500	0.132

TestNo: SW8270E-SimScan	**MDL**	**MQL**
Analyte	**mg/Kg**	**mg/Kg**
4,4´-DDD	0.00200	0.00600
4,4´-DDE	0.00200	0.00600
4,4´-DDT	0.00200	0.00600
Aldrin	0.00200	0.00600
alpha-BHC	0.00200	0.00600
alpha-Chlordane	0.00200	0.00600
beta-BHC	0.00200	0.00600
Chlordane	0.0100	0.0300
delta-BHC	0.00200	0.00600
Dieldrin	0.00200	0.00600
Endosulfan I	0.00200	0.00600
Endosulfan II	0.00200	0.00600
Endosulfan sulfate	0.00200	0.00600
Endrin	0.00200	0.00600
Endrin aldehyde	0.00200	0.00600
Endrin ketone	0.00200	0.00600
gamma-BHC	0.00200	0.00600
gamma-Chlordane	0.00200	0.00600
Heptachlor	0.00200	0.00600
Heptachlor epoxide	0.00200	0.00600
Methoxychlor	0.00200	0.00600
Toxaphene	0.0800	0.250
Atrazine	0.00200	0.00600
Azinphos-methyl	0.00200	0.00600
Bolstar	0.00200	0.00600
Carbaryl	0.00200	0.00600
Chlorpyrifos	0.00200	0.00600
Chlorpyrifos methyl	0.00200	0.00600
Coumaphos	0.00200	0.00600
Demeton, Total	0.00200	0.00600
Diazinon	0.00200	0.00600
Dichlorvos	0.00200	0.00600
Disulfoton	0.00200	0.00600
EPN	0.00200	0.00600
Ethion	0.00200	0.00600
Ethoprophos	0.00200	0.00600
Famphur	0.00200	0.00600
Fonophos	0.00200	0.00600
Malathion	0.00200	0.00600
Merphos, Total	0.00200	0.00600
Metolachlor	0.00200	0.00600
Parathion, ethyl	0.00200	0.00600
Parathion, methyl	0.00200	0.00600
Phorate	0.00200	0.00600
Phosmet	0.00200	0.00600
Ronnel	0.00200	0.00600

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

MQL SUMMARY REPORT

Tetrachlorvinphos	0.00200	0.00600
Tetraethyl dithiopyrophosphate	0.00200	0.00600
Tokuthion	0.00200	0.00600

TestNo: SW8321B	**MDL**	**MQL**
Analyte	**mg/Kg**	**mg/Kg**
2,4-D	0.0100	0.0400
2,4-DB	0.0100	0.0400
2,4,5-T	0.0100	0.0400
2,4,5-TP	0.0100	0.0400
Dalapon	0.100	0.400
Dicamba	0.100	0.400
Dichlorprop	0.0100	0.0400
Dinoseb	0.0100	0.0400
MCPA	0.0100	0.0400
MCPP	0.0100	0.0400

TestNo: SW7471B	**MDL**	**MQL**
Analyte	**mg/Kg**	**mg/Kg**
Mercury	0.0160	0.0400

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

ANALYTICAL REPORT

July 20, 2022

Terracon - Ft. Worth, TX

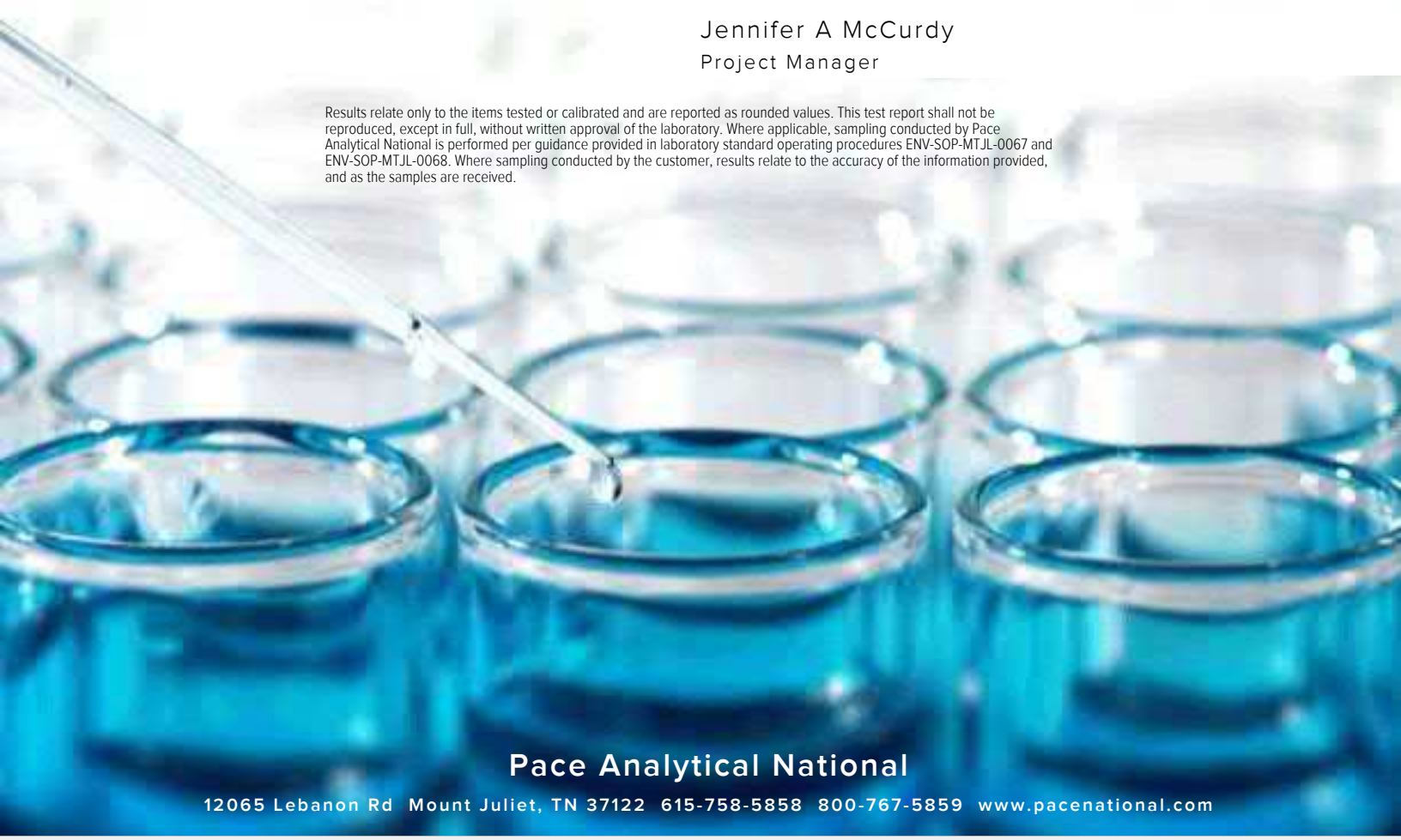
Sample Delivery Group:	L1514354
Samples Received:	07/13/2022
Project Number:	95217460A
Description:	GISD Sam Houston Middle School

Report To: Wade Watkins
1801 Handley Ederville Rd.
Fort Worth, TX 76118

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

CS-1 L1514354-01 Solid

Collected by: Brian Ward
Collected date/time: 07/12/22 15:00
Received date/time: 07/13/22 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1894938	1	07/15/22 09:05	07/15/22 09:26	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1895519	5	07/19/22 15:10	07/20/22 11:28	SJM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer A McCurdy
Project Manager

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.



Jennifer A McCurdy
Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/20/2022 14:02
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1514354-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1894938 and WG1895519

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?	X				
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/20/2022 14:02
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1514354-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1894938 and WG1895519

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			1
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/20/2022 14:02
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1514354-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1894938 and WG1895519

ER #[1]	Description
1	6020 WG1895519 Arsenic: Post Spike Percent Recovery and/or Serial Dilution Relative Percent Difference was outside of established control limits.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.1		1	07/15/2022 09:26	WG1894938

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	14.1		0.111	0.200	1.11	5	07/20/2022 11:28	WG1895519

Method Blank (MB)

(MB) R3815592-1 07/15/22 09:26

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00200			

L1514345-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1514345-02 07/15/22 09:26 • (DUP) R3815592-3 07/15/22 09:26

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.3	83.3	1	1.14		10

Laboratory Control Sample (LCS)

(LCS) R3815592-2 07/15/22 09:26

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3817112-1 07/20/22 09:53

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3817112-2 07/20/22 09:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	89.9	89.9	80.0-120	

L1515905-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1515905-03 07/20/22 10:00 • (MS) R3817112-5 07/20/22 10:11 • (MSD) R3817112-6 07/20/22 10:15

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	3.05	90.2	99.2	87.1	96.2	5	75.0-125			9.54	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: Pace National
Address:
Phone:
Contact:
PO/SO #:

Office Location: Fort Worth, TX
Project Manager: Wade Watkins

Sampler's Name: Brian Ward
Sampler's Signature: Brian Ward

Project Number: 95217460A
Project Name: Sam Houston Middle School

ANALYSIS REQUESTED: Arsenic (6020)

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 1 of 1

G102

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers 4oz Jar	Lab Sample ID
S	7/11/22	1500	X		CS-1			1	X	615 9351

NFE

Sample Receipt Checklist
COC Seal Present/Intact: Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
RAD Screen <0.5 mR/hr: Y N
If Applicable
VOA Zero Headspace: Y N
Pres.Correct/Check: Y N

TURNAROUND TIME ☑ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time
Brian Ward	7/12/22	1600			

NOTES:
31.8+0=31.8
5217 3305 7631

Matrix: WW - Wastewater; W - Water; S - Soil; L -Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other _____

ANALYTICAL REPORT

July 22, 2022

Terracon - Ft. Worth, TX

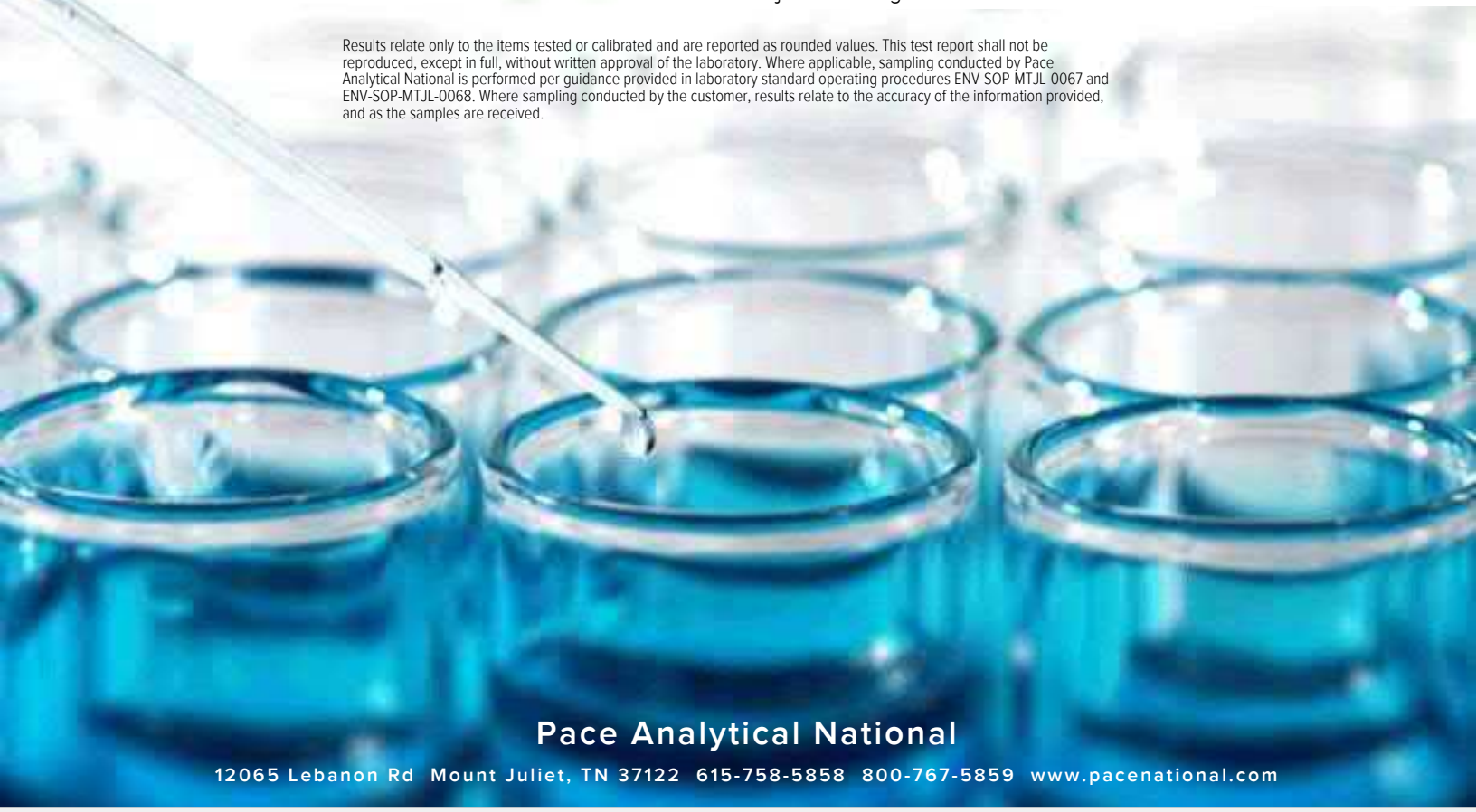
Sample Delivery Group:	L1514878
Samples Received:	07/14/2022
Project Number:	95217460A
Description:	GISD Sam Houston Middle School

Report To: Wade Watkins
1801 Handley Ederville Rd.
Fort Worth, TX 76118

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

CS-2 L1514878-01 Solid

Collected by: Brian Ward
Collected date/time: 07/13/22 15:00
Received date/time: 07/14/22 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1895632	1	07/16/22 11:37	07/16/22 11:59	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1897772	5	07/20/22 20:45	07/22/22 12:59	JPD	Mt. Juliet, TN

DUP-1 L1514878-02 Solid

Collected by: Brian Ward
Collected date/time: 07/13/22 15:05
Received date/time: 07/14/22 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1895632	1	07/16/22 11:37	07/16/22 11:59	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1897772	5	07/20/22 20:45	07/22/22 13:02	JPD	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer A McCurdy
Project Manager

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.



Jennifer A McCurdy
Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:08
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1514878-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1895632 and WG1897772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?	X				
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:08
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1514878-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1895632 and WG1897772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			1
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:08
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1514878-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1895632 and WG1897772

ER #[1]	Description
1	6020 WG1897772 Arsenic: Post Spike Percent Recovery and/or Serial Dilution Relative Percent Difference was outside of established control limits.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.5		1	07/16/2022 11:59	WG1895632

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	4.89		0.106	0.200	1.06	5	07/22/2022 12:59	WG1897772

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.9		1	07/16/2022 11:59	WG1895632

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	5.66		0.105	0.200	1.05	5	07/22/2022 13:02	WG1897772

Method Blank (MB)

(MB) R3815921-1 07/16/22 11:59

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1514916-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1514916-01 07/16/22 11:59 • (DUP) R3815921-3 07/16/22 11:59

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	89.0	89.6	1	0.655		10

Laboratory Control Sample (LCS)

(LCS) R3815921-2 07/16/22 11:59

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3818200-1 07/22/22 12:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3818200-3 07/22/22 12:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	109	109	80.0-120	

L1515864-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1515864-10 07/22/22 12:42 • (MS) R3818200-6 07/22/22 12:52 • (MSD) R3818200-7 07/22/22 12:56

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	113	7.76	120	107	99.6	88.0	5	75.0-125			11.5	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

J054

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: Pace National
Address:
Phone:
Contact:
PO/SO #:

Office Location: Fort Worth, TX
Project Manager: Wade Watkins

ANALYSIS REQUESTED: Arsenic (6020)

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 1 of 1

Sampler's Name: Brian Ward
Sampler's Signature: Brian Ward

Project Number: 95217460A
Project Name: Sam Houston Middle School

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers	Arsenic (6020)	Lab Sample ID
S	7/13/22	1500	X		CS-2			1	X	01
S	7/13/22	1505	X		DUP-1			1	X	02

L1514878

NFE

JAM6 30.8 + 0 = 30.8

Sample Receipt Checklist
COC Seal Present/Intact: ✓Y N — If Applicable
COC Signed/Accurate: Y N — VOA Zero Headspace: Y N
Bottles arrive intact: Y N — Pres.Correct/Check: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
RAD Screen <0.5 mR/hr: Y N

5882-7540-3999

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist: ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Brian Ward	7/13/22	1700	Joby Jackson	7/14/22	09:15

NOTES:

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other _____

ANALYTICAL REPORT

July 22, 2022

Terracon - Ft. Worth, TX

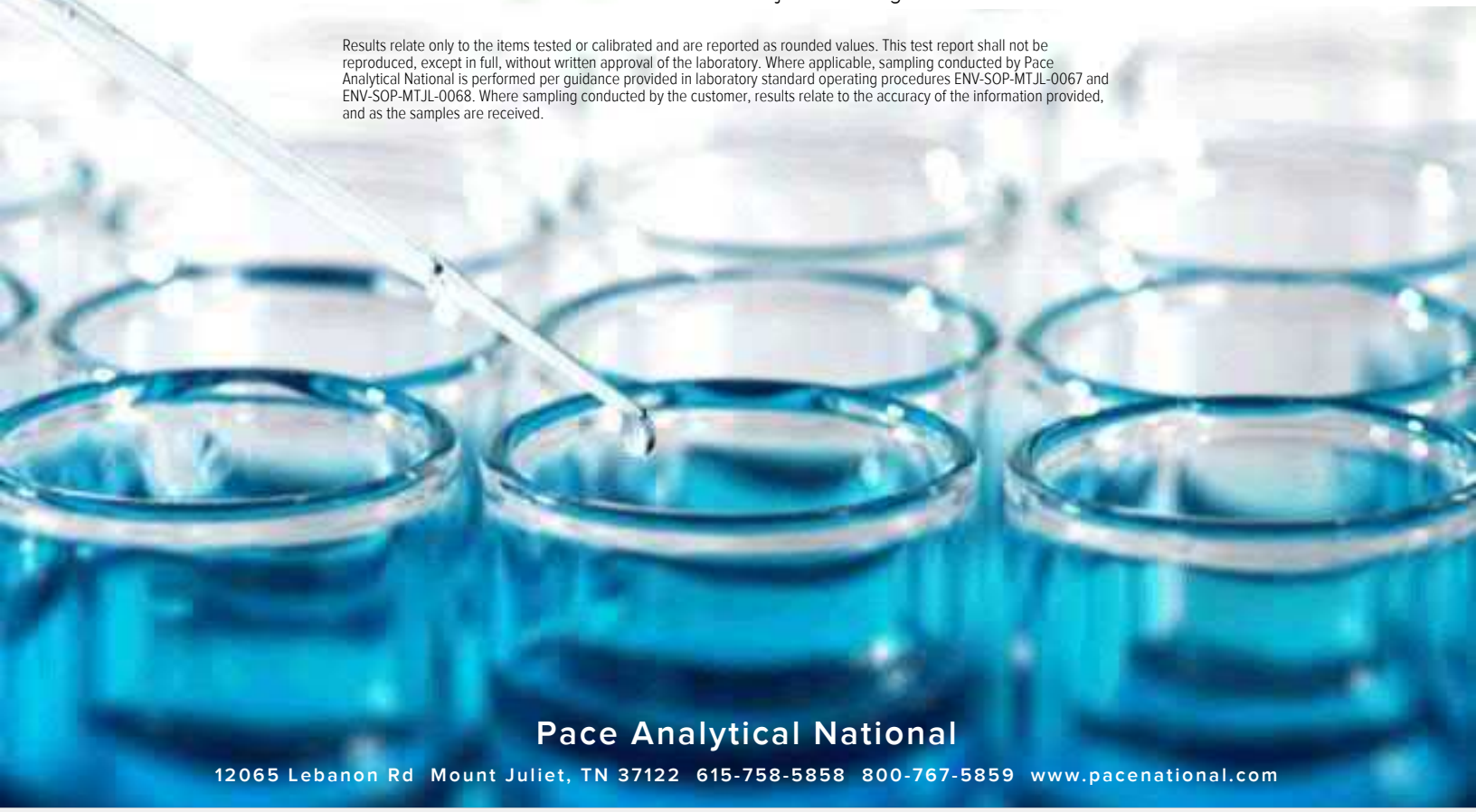
Sample Delivery Group:	L1515415
Samples Received:	07/15/2022
Project Number:	95217460A
Description:	GISD Sam Houston Middle School

Report To: Wade Watkins
1801 Handley Ederville Rd.
Fort Worth, TX 76118

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

CS-3 L1515415-01 Solid

Collected by: Brian Ward
Collected date/time: 07/14/22 13:30
Received date/time: 07/15/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1896183	1	07/18/22 13:32	07/18/22 13:38	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1897772	5	07/20/22 20:45	07/22/22 13:41	JPD	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer A McCurdy
Project Manager

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.



Jennifer A McCurdy
Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:10
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1515415-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1896183 and WG1897772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?	X				
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
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Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:10
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1515415-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1896183 and WG1897772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			1
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:10
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1515415-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1896183 and WG1897772

ER #[1]	Description
1	6020 WG1897772 Arsenic: Post Spike Percent Recovery and/or Serial Dilution Relative Percent Difference was outside of established control limits.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.0		1	07/18/2022 13:38	WG1896183

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	4.24		0.107	0.200	1.07	5	07/22/2022 13:41	WG1897772

Method Blank (MB)

(MB) R3816471-1 07/18/22 13:38

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1515408-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1515408-03 07/18/22 13:38 • (DUP) R3816471-3 07/18/22 13:38

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	79.3	78.9	1	0.473		10

Laboratory Control Sample (LCS)

(LCS) R3816471-2 07/18/22 13:38

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3818200-1 07/22/22 12:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3818200-3 07/22/22 12:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	109	109	80.0-120	

L1515864-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1515864-10 07/22/22 12:42 • (MS) R3818200-6 07/22/22 12:52 • (MSD) R3818200-7 07/22/22 12:56

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	113	7.76	120	107	99.6	88.0	5	75.0-125			11.5	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

A128

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: Pace National
Address:
Phone:
Contact:
PO/SO #:

Office Location: Fort Worth, TX
Project Manager: Wade Watkins

Sampler's Name: Brian Ward
Sampler's Signature: Brian Ward

Project Number: 95217460A
Project Name: Sam Houston Middle School

ANALYSIS REQUESTED: Arsenic (6020)

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 1 of 1

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers	Arsenic (6020)	Lab Sample ID
S	7/14/22	1330	X		CS-3			1	X	41515415-01

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres.Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RAD Screen <0.5 mR/hr:	Y N		

TURNAROUND TIME: ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Brian Ward	7/14/22	1730			
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date: 7/15/22	Time: 900

NOTES:

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other

ANALYTICAL REPORT

July 22, 2022

Terracon - Ft. Worth, TX

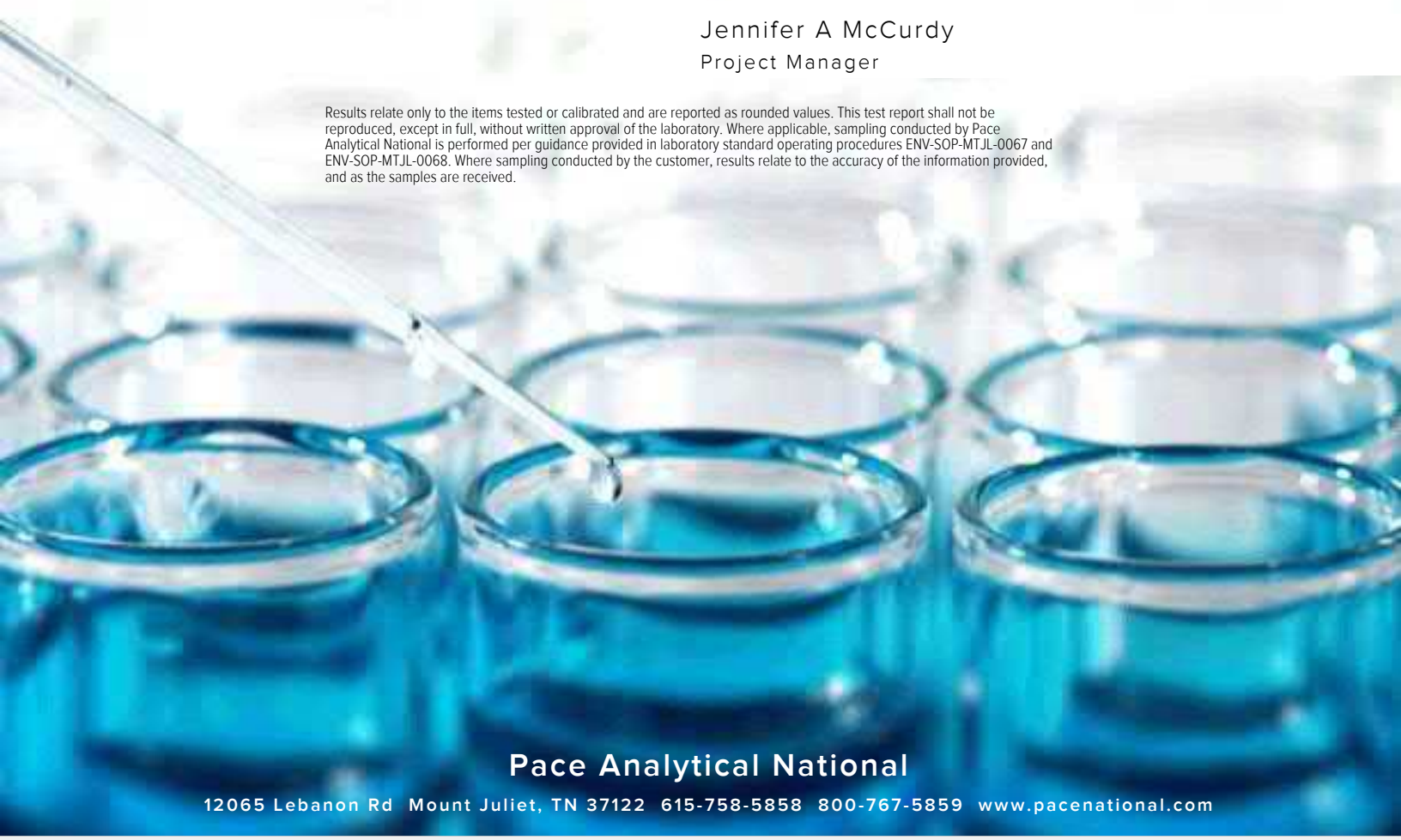
Sample Delivery Group:	L1515839
Samples Received:	07/16/2022
Project Number:	95217460A
Description:	GISD Sam Houston Middle School

Report To: Wade Watkins
1801 Handley Ederville Rd.
Fort Worth, TX 76118

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

CS-4 L1515839-01 Solid

Collected by: Brian Ward
Collected date/time: 07/15/22 11:10
Received date/time: 07/16/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1896732	1	07/19/22 17:05	07/19/22 17:30	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1897772	5	07/20/22 20:45	07/22/22 13:48	JPD	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer A McCurdy
Project Manager

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.



Jennifer A McCurdy
Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:12
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1515839-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1896732 and WG1897772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?	X				
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:12
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1515839-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1896732 and WG1897772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?		X			1
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/22/2022 16:12
Project Name: GISD Sam Houston Middle School	Laboratory Job Number: L1515839-01
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1896732 and WG1897772

ER #[1]	Description
1	6020 WG1897772 Arsenic: Post Spike Percent Recovery and/or Serial Dilution Relative Percent Difference was outside of established control limits.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.1		1	07/19/2022 17:30	WG1896732

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	7.17		0.110	0.200	1.10	5	07/22/2022 13:48	WG1897772

Method Blank (MB)

(MB) R3817132-1 07/19/22 17:30

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1515854-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1515854-07 07/19/22 17:30 • (DUP) R3817132-3 07/19/22 17:30

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	92.2	90.8	1	1.60		10

Laboratory Control Sample (LCS)

(LCS) R3817132-2 07/19/22 17:30

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

1 Cp
2 Tc
3 Ss
4 Cn
5 Tr
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3818200-1 07/22/22 12:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3818200-3 07/22/22 12:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	109	109	80.0-120	

L1515864-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1515864-10 07/22/22 12:42 • (MS) R3818200-6 07/22/22 12:52 • (MSD) R3818200-7 07/22/22 12:56

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	113	7.76	120	107	99.6	88.0	5	75.0-125			11.5	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

J077

CHAIN OF CUSTOD[illegible] RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: Pace National
Address:
Phone:
Contact:
PO/SO #:

Office Location: Fort Worth, TX
Project Manager: Wade Watkins

Sampler's Name: Brian Ward
Sampler's Signature: Brian Ward

Project Number: 95217460A
Project Name: Sam Houston Middle School

ANALYSIS REQUESTED: Arsenic (6020)

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 1 of 1

L1515839

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers 4oz Jar	Arsenic (6020)	Lab Sample ID
S	7/15/22	1110	X		CS-4			1	X	-01

NFE

Sample Receipt Checklist
COC Seal Present/Intact: Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
RAD Screen <0.5 mR/hr: Y N
If Applicable
VOA Zero Headspace: Y N
Pres.Correct/Check: Y N

TURNAROUND TIME ☒ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush
TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Brian Ward	7/15/22	1600	Jessy Jackey	7/15/22	09:00

NOTES: 12.9

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other _____

ANALYTICAL REPORT

July 25, 2022

Terracon - Ft. Worth, TX

Sample Delivery Group:	L1516420
Samples Received:	07/19/2022
Project Number:	94217460A
Description:	Sam Houston Middle School

Report To: Wade Watkins
1801 Handley Ederville Rd.
Fort Worth, TX 76118

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

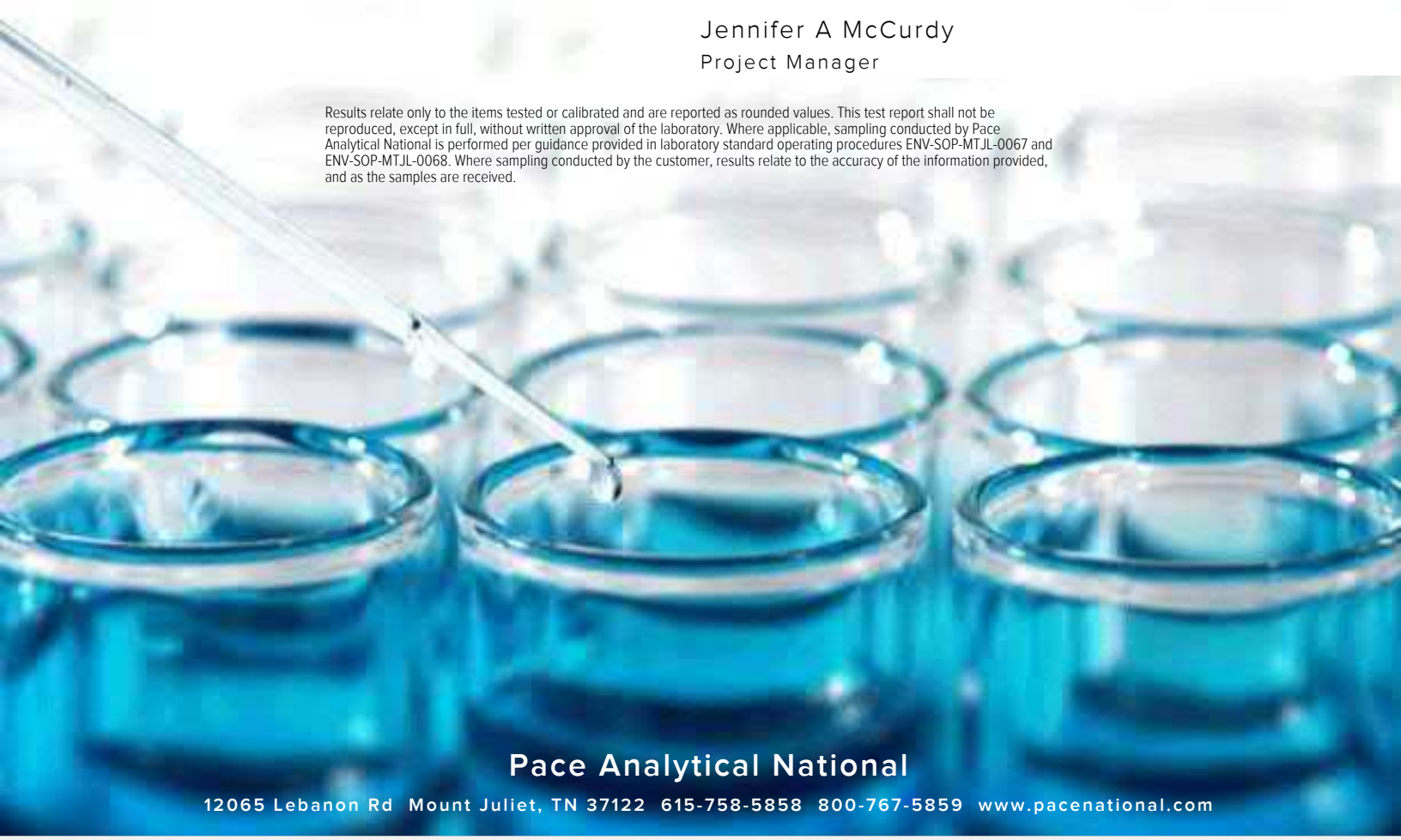


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SAMPLE SUMMARY

CS-5 L1516420-01 Solid

Collected by: Taryn Platt
Collected date/time: 07/18/22 09:15
Received date/time: 07/19/22 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1899721	1	07/23/22 09:07	07/23/22 09:27	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1897767	5	07/24/22 17:33	07/25/22 02:49	SJM	Mt. Juliet, TN

CS-6 L1516420-02 Solid

Collected by: Taryn Platt
Collected date/time: 07/18/22 11:40
Received date/time: 07/19/22 10:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1899721	1	07/23/22 09:07	07/23/22 09:27	CMK	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1897767	5	07/24/22 17:33	07/25/22 02:53	SJM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer A McCurdy
Project Manager

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.



Jennifer A McCurdy
Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/25/2022 13:11
Project Name: Sam Houston Middle School	Laboratory Job Number: L1516420-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1897767 and WG1899721

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?	X				
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
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4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/25/2022 13:11
Project Name: Sam Houston Middle School	Laboratory Job Number: L1516420-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1897767 and WG1899721

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/25/2022 13:11
Project Name: Sam Houston Middle School	Laboratory Job Number: L1516420-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1897767 and WG1899721

ER #[1]	Description
	The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.1		1	07/23/2022 09:27	WG1899721

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	4.10		0.110	0.200	1.10	5	07/25/2022 02:49	WG1897767

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		1	07/23/2022 09:27	WG1899721

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	16.9		0.106	0.200	1.06	5	07/25/2022 02:53	WG1897767

Method Blank (MB)

(MB) R3818703-1 07/23/22 09:27

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1514298-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1514298-01 07/23/22 09:27 • (DUP) R3818703-3 07/23/22 09:27

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.2	84.9	1	1.53		10

Laboratory Control Sample (LCS)

(LCS) R3818703-2 07/23/22 09:27

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3818646-1 07/25/22 01:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3818646-2 07/25/22 01:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	94.7	94.7	80.0-120	

L1515804-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1515804-01 07/25/22 01:28 • (MS) R3818646-5 07/25/22 01:38 • (MSD) R3818646-6 07/25/22 01:41

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	106	2.77	108	103	99.1	94.0	5	75.0-125			5.10	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: Pace National
Address:
Phone:
Contact:
PO/SO #:

Office Location: Fort Worth
Project Manager: Wade Watkins

Sampler's Name: Taryn Platt
Sampler's Signature:

Project Number: 94217461 60A
Project Name: Sam Houston middle School soil Assesment

ANALYSIS REQUESTED: Arsenic (6020)

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page ____ of ____

G234

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4oz Jar	Lab Sample ID
S	7/18/22	0915	X		CS-5			1	41576420-01
↓	↓	1140	X		CS-6			1	02

NFG

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres.Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RAD Screen <0.5 mR/hr:	Y N		

TURNAROUND TIME ☑ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	7/18/22	1630			
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date: 7/19/22	Time: 10:15

NOTES:
5 day TAT
28.6+0=28.6
5829 6085 8789

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other _____

ANALYTICAL REPORT

July 25, 2022

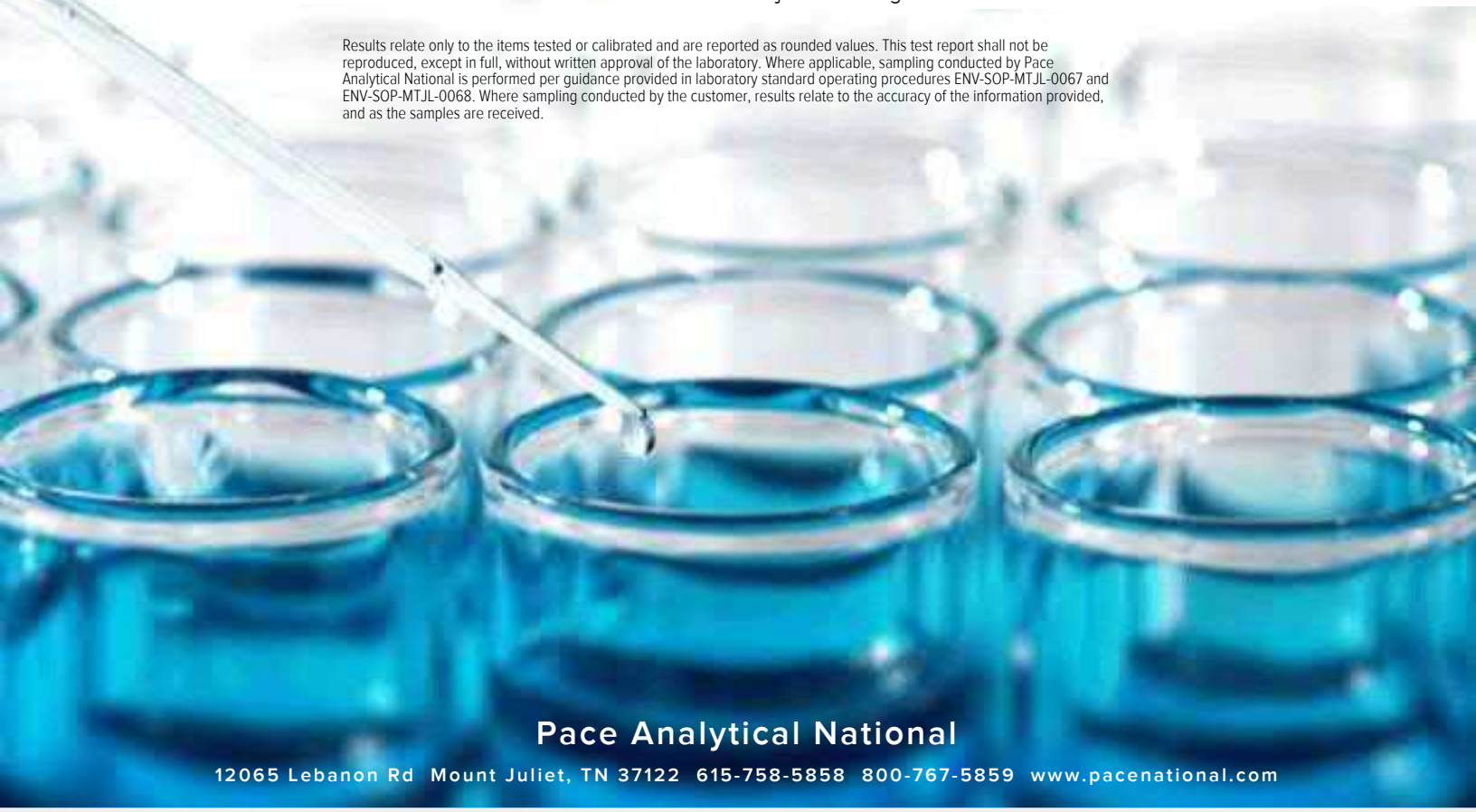
Terracon - Ft. Worth, TX

Sample Delivery Group:	L1516858
Samples Received:	07/20/2022
Project Number:	95217460A
Description:	Sam Houston Middle School Excavation Services
Report To:	Wade Watkins
	1801 Handley Ederville Rd.
	Fort Worth, TX 76118

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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CS-7 L1516858-01 Solid

Collected by: Taryn Platt
Collected date/time: 07/19/22 09:15
Received date/time: 07/20/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1898563	1	07/22/22 11:01	07/22/22 11:26	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1900111	5	07/24/22 18:15	07/25/22 02:41	SJM	Mt. Juliet, TN

CS-8 L1516858-02 Solid

Collected by: Taryn Platt
Collected date/time: 07/19/22 13:15
Received date/time: 07/20/22 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1898564	1	07/22/22 09:04	07/22/22 09:14	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1900111	5	07/24/22 18:15	07/25/22 02:00	SJM	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jennifer A McCurdy
Project Manager

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.



Jennifer A McCurdy
Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/25/2022 13:13
Project Name: Sam Houston Middle School Excavation Services	Laboratory Job Number: L1516858-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1898563, WG1898564 and WG1900111

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?	X				
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?	X				
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?	X				
		Were analytical duplicates analyzed at the appropriate frequency?	X				
		Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/25/2022 13:13
Project Name: Sam Houston Middle School Excavation Services	Laboratory Job Number: L1516858-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1898563, WG1898564 and WG1900111

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?	X				
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/25/2022 13:13
Project Name: Sam Houston Middle School Excavation Services	Laboratory Job Number: L1516858-01 and 02
Reviewer Name: Jennifer A McCurdy	Prep Batch Number(s): WG1898563, WG1898564 and WG1900111

ER #[1]	Description
	The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.4		1	07/22/2022 11:26	WG1898563

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	13.5		0.118	0.200	1.18	5	07/25/2022 02:41	WG1900111

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.0		1	07/22/2022 09:14	WG1898564

Metals (ICPMS) by Method 6020

Analyte	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Arsenic	19.7		0.112	0.200	1.12	5	07/25/2022 02:00	WG1900111

Method Blank (MB)

(MB) R3818384-1 07/22/22 11:26

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1516730-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1516730-15 07/22/22 11:26 • (DUP) R3818384-3 07/22/22 11:26

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	84.6	84.5	1	0.0623		10

Laboratory Control Sample (LCS)

(LCS) R3818384-2 07/22/22 11:26

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3818414-1 07/22/22 09:14

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1516879-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1516879-02 07/22/22 09:14 • (DUP) R3818414-3 07/22/22 09:14

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.6	86.3	1	0.306		10

Laboratory Control Sample (LCS)

(LCS) R3818414-2 07/22/22 09:14

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3818644-1 07/25/22 02:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.100	1.00

Laboratory Control Sample (LCS)

(LCS) R3818644-2 07/25/22 02:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	88.1	88.1	80.0-120	

L1516783-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1516783-01 07/25/22 02:17 • (MS) R3818644-5 07/25/22 02:28 • (MSD) R3818644-6 07/25/22 02:31

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	5.12	85.7	97.9	80.5	92.8	5	75.0-125			13.3	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

CHAIN OF CUSTODY RECORD

Terracon
Consulting Engineers & Scientists

Laboratory: Pace National
Address:
Phone:
Office Location: Fort Worth
Contact:
Project Manager: Wade Watkins
PO/SO #:

ANALYSIS REQUESTED: Arsenic (6020)

LAB USE ONLY
DUE DATE:

TEMP OF COOLER WHEN RECEIVED (°C)

Page 1 of 1

C110

L1516858

Sampler's Name: Taryn Platt
Sampler's Signature:

Project Number: 95217416DA
Project Name: Sam Houston Middle School Excavation Services

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	Start Depth	End Depth	No. Type of Containers: 4oz Jar	Lab Sample ID
S	7/19/22	0915	X		CS-7			1	-01
S	7/19/22	1315	X		CS-8			1	-02

NFE

TURNAROUND TIME ☐ Normal ☐ 48-Hour Rush ☐ 24-Hour Rush

TRRP Laboratory Review Checklist ☐ Yes ☐ No

Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
	7/19/22	1430		7.20	9.00
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:
Relinquished by (Signature)	Date:	Time:	Received by (Signature)	Date:	Time:

NOTES: * 5-day TAT

OK

Matrix: WW - Wastewater; W - Water; S - Soil; L - Liquid; A - Air Bag; C - Charcoal Tube; SL - Sludge; O - Oil
Container: VOA - 40 ml vial; A/G - Amber Glass 1 L; 250 ml = Glass wide mouth; P/O Plastic or other

N:\Environmental\Forms
Rev. 6/30/2017

Sample Receipt Checklist TP

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres.Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	Y N		
RAD Screen <0.5 mR/hr:	Y N		

SGS GALSON

Robert Garrison
Terracon
1801 Handley Ederville Rd
Fort Worth, TX 76118

July 19, 2022

Account# 30020

Login# L569239

Dear Robert Garrison:

Enclosed are the analytical results for the samples received by our laboratory on July 13, 2022. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Terracon
Site : NS

Date Sampled : 12-JUL-22
Date Received : 13-JUL-22

Account No.: 30020
Login No. : L569239

Date Analyzed : 15-JUL-22 - 18-JUL-22
Report ID : 1309764

Arsenic

Sample ID	Lab ID	Air Vol liter	Total ug	Conc mg/m3
1	L569239-1	770	<0.30	<0.00039
2	L569239-2	724	<0.30	<0.00041
3	L569239-3	773	<0.30	<0.00039
4	L569239-4	753	<0.30	<0.00040
B	L569239-5	NA	<0.30	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.30 ug
Analytical Method : mod. NIOSH 7303; ICP
Collection Media : MCE UW 37mm

Submitted by: MEL/CAW/CDB
Date : 19-JUL-22
Supervisor : KEG

Approved by: JJL

SGS GALSON

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Terracon
Site :

Date Sampled : 12-JUL-22
Date Received: 13-JUL-22
Date Analyzed: 15-JUL-22 - 18-JUL-22

Account No.: 30020
Login No. : L569239

L569239 (Report ID: 1309764):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-27(16), MT-SOP-29(10)

L569239 (Report ID: 1309764):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Arsenic	+/-10.7%	107%

275460681125
Date:07/13/22
Shipper:FEDEX
Initials:BGF
Prep:UNKNOWN

L569239 (69)

GALSON CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
1	7/12/22	37mm UW MCE, 3pc	770	L	Arsenic	mod. NIOSH 7303; ICP	
2	"	"	724	"	"	"	
3	"	"	773	"	"	"	
4	"	"	753	"	"	"	
B	" NA	" Blank	Blank	"	"	"	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By :	Kat Milacek		7/12/22	430pm	Received By :	Brett Grenert-Fischer	Brett Grenert-Fischer		1122
Relinquished By :					Received By :			7/13/22	

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS North America, Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Member of the SGS Group (SGS SA)

SGS

GALSON CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☐ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30020

Original Prep No.: PSY660464

CS Rep: KROSALES

Online COC No.: 251395

Report To :	Robert Garrison
Company Name :	Terracon
Address 1 :	1801 Handley Ederville Rd
Address 2 :	
City, State Zip :	Fort Worth, TX 76118
Phone No. :	817 - 268 - 8600
Cell No. :	817 - 300 - 0238
Email reports to :	robert.garrison@terracon.com
Email EDD to :	robert.garrison@terracon.com
Comments :	

Invoice To :	Robert Garrison
Company Name :	Terracon
Address 1 :	2501 E Loop 820 N
Address 2 :	
City, State Zip :	Fort Worth, TX 76118
Phone No. :	817 - 268 - 8600
Email Address :	APInvoices@terracon.com
Comments :	
P.O. No. :	
Payment info. :	☐ I will call SGS Galson to provide credit card info ☐ Card on File (enter the last five digits on the line below)

Comments :

State Sampled : TX

Please indicate which OEL(s) this data will be used for :
☑ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA
☐ IAQ : _____ Specify Limit(s) ☐ Other : _____ Specify Other

Site Name : Crockett ISD Sam Houston

Project : ~~95227193~~ 95219460 A

Sampled By : Kat Milacek

List description of industry or Process/interferences present in sampling area :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
	7/13/22	37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
	1	37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek			Received By :			
Relinquished By :				Received By :			

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS North America, 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

SGS GALSON

Robert Garrison
Terracon
1801 Handley Ederville Rd
Fort Worth, TX 76118

July 18, 2022

Account# 30020

Login# L569346

Dear Robert Garrison:

Enclosed are the analytical results for the samples received by our laboratory on July 14, 2022. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

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- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.

- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.

- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

LABORATORY ANALYSIS REPORT

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Terracon
Site : GARLAND ISD SAM HOUSTON
Project No. : 95217460 A
Date Sampled : 13-JUL-22
Date Received : 14-JUL-22

Account No.: 30020
Login No. : L569346
Date Analyzed : 15-JUL-22
Report ID : 1309827

Arsenic

Sample ID	Lab ID	Air Vol liter	Total ug	Conc mg/m3
1	L569346-1	808	<0.30	<0.00037
2	L569346-2	452	<0.30	<0.00066
3	L569346-3	445	<0.30	<0.00067
4	L569346-4	439	<0.30	<0.00068
5	L569346-5	545	<0.30	<0.00055
6	L569346-6	577	<0.30	<0.00052
7	L569346-7	549	<0.30	<0.00055
B	L569346-8	NA	<0.30	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.30 ug
Analytical Method : mod. NIOSH 7303; ICP
Collection Media : MCE UW 37mm

Submitted by: AJP/MEL
Date : 18-JUL-22
Supervisor : KEG

Approved by: JJL

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Terracon
Site : GARLAND ISD SAM HOUSTON
Project No. : 95217460 A

Date Sampled : 13-JUL-22 Account No.: 30020
Date Received: 14-JUL-22 Login No. : L569346
Date Analyzed: 15-JUL-22

L569346 (Report ID: 1309827):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-27(16), MT-SOP-29(10)

L569346 (Report ID: 1309827):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Arsenic	+/-10.7%	107%

275517158137
Date:07/14/22
Shipper:FEDEX
Initials:MAK
Prep:UNKNOWN

L5693346

19

GALSON CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☒ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30020

Original Prep No.: PSY660464

CS Rep: KROSALES

Online COC No.: 251395

Report To :	Robert Garrison
Company Name :	Terracon
Address 1 :	1801 Handley Ederville Rd
Address 2 :	
City, State Zip :	Fort Worth, TX 76118
Phone No. :	817 - 268 - 8600
Cell No. :	817 - 300 - 0238
Email reports to :	robert.garrison@terracon.com
Email EDD to :	robert.garrison@terracon.com
Comments :	

Invoice To :	Robert Garrison
Company Name :	Terracon
Address 1 :	2501 E Loop 820 N
Address 2 :	
City, State Zip :	Fort Worth, TX 76118
Phone No. :	817 - 268 - 8600
Email Address :	APInvoices@terracon.com
Comments :	
P.O. No. :	

Payment info. : ☐ I will call SGS Galson to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments :

State Sampled : TX

Please indicate which OEL(s) this data will be used for :
☑ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA
☐ IAQ : _____ (Specify Limit(s)) ☐ Other : _____ (Specify Other)

Site Name : Garland ISD Sam Houston

Project : ~~95227193~~ 95219460 A

Sampled By : Kat Milacek

List description of industry or Process/interferences present in sampling area :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
1	7/13/22	37mm UW MCE, 3pc	~~480~~ 808	L	Arsenic	mod. NIOSH 7303; ICP	
2	1	37mm UW MCE, 3pc	452	1	Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek	7/13/22	5:30pm	Received By :			
Relinquished By :				Received By	Michelle Krause	7/14/22	11:10

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

SGS North America, Inc. | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

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SGS GALSON CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
3	7/13/22	37mm UW MCE, 3pc	445	L	Arsenic	mod. NIOSH 7303; ICP	
4	"	37mm UW MCE, 3pc	439	L	Arsenic	mod. NIOSH 7303; ICP	
5	"	37mm UW MCE, 3pc	545	L	Arsenic	mod. NIOSH 7303; ICP	
6	"	37mm UW MCE, 3pc	577	L	Arsenic	mod. NIOSH 7303; ICP	
7	"	37mm UW MCE, 3pc	549	L	Arsenic	mod. NIOSH 7303; ICP	
B	"	37mm UW MCE, 3pc	Blank	—	Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek	7/13/22	8:30pm	Received By :			
Relinquished By :				Received By	Michelle Krause	7/14/22	11:10

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

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Member of the SGS Group (SGS SA)

SGS GALSON

Robert Garrison
Terracon
1801 Handley Ederville Rd
Fort Worth, TX 76118

July 19, 2022

Account# 30020

Login# L569472

Dear Robert Garrison:

Enclosed are the analytical results for the samples received by our laboratory on July 15, 2022. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.

- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.

- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Terracon
Site : GARLAND ISD SAN HOUSTON
Project No. : 95217460A
Date Sampled : 14-JUL-22
Date Received : 15-JUL-22

Account No.: 30020
Login No. : L569472

Date Analyzed : 18-JUL-22
Report ID : 1309986

Arsenic

Sample ID	Lab ID	Air Vol liter	Total ug	Conc mg/m3
5	L569472-1	734	<0.30	<0.00041
6	L569472-2	736	<0.30	<0.00041
7	L569472-3	688	<0.30	<0.00044
8	L569472-4	281	<0.30	<0.0011
9	L569472-5	291	<0.30	<0.0010
10	L569472-6	289	<0.30	<0.0010
B	L569472-7	NA	<0.30	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.30 ug
Analytical Method : mod NIOSH 7303; ICP/MS
Collection Media : MCE UW 37mm

Submitted by: EJB
Date : 19-JUL-22
Supervisor : KEG

Approved by: JJL

LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Terracon
Site : GARLAND ISD SAN HOUSTON
Project No. : 95217460A

Date Sampled : 14-JUL-22
Date Received: 15-JUL-22
Date Analyzed: 18-JUL-22

Account No.: 30020
Login No. : L569472

L569472 (Report ID: 1309986):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-28(13), MT-SOP-29(10)

L569472 (Report ID: 1309986):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Arsenic	+/-12.2%	108%

275567392511
Date:07/15/22
Shipper:FEDEX
Initials:BGF

Prep:UNKNOWN

L569472

83

GALSON CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☐ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30020

Original Prep No.: PSY660464

CS Rep: KROSALES

Online COC No.: 251395

Report To: Robert Garrison
Company Name: Terracon
Address 1: 1801 Handley Ederville Rd
Address 2:
City, State Zip: Fort Worth, TX 76118
Phone No.: 817 - 268 - 8600
Cell No.: 817 - 300 - 0238
Email reports to: robert.garrison@terracon.com
Email EDD to: robert.garrison@terracon.com
Comments:

Invoice To: Robert Garrison
Company Name: Terracon
Address 1: 2501 E Loop 820 N
Address 2:
City, State Zip: Fort Worth, TX 76118
Phone No.: 817 - 268 - 8600
Email Address: APInvoices@terracon.com
Comments:
P.O. No.:
Payment Info.: ☐ I will call SGS Galson to provide credit card info ☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: TX

Please indicate which OEL(s) this data will be used for: ☑ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA ☐ IAQ: _____ (Specify Limit(s)) ☐ Other: _____ (Specify Other)

Site Name: Crockett ISD Sam Houston

Project: ~~95227193~~ 95219460 A

Sampled By: Kat Milacek

List description of industry or Process/interferences present in sampling area:

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
5	7/13/22	37mm UW MCE, 3pc	734	L	Arsenic	mod. NIOSH 7303; ICP	
6	1	37mm UW MCE, 3pc	736	L	Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By:	Kat Milacek	7/14/22	5pm	Received By:	Brett Grehert-Fischer	7/15/22	1114
Relinquished By:				Received By:			

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Online COC No.: 251395
Prep No.: PSY660464
Account No.: 30020
Draft: 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

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SGS GALSON CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
7	7/14/22	37mm UW MCE, 3pc	688	L	Arsenic	mod. NIOSH 7303; ICP	
8	"	37mm UW MCE, 3pc	281	"	Arsenic	mod. NIOSH 7303; ICP	
9	"	37mm UW MCE, 3pc	291	"	Arsenic	mod. NIOSH 7303; ICP	
10	"	37mm UW MCE, 3pc	289	"	Arsenic	mod. NIOSH 7303; ICP	
B	"	37mm UW MCE, 3pc	Blank	—	Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek	7/14/22	5pm	Received By :	Brett Grosert-Fischer	7/15/22	1114
Relinquished By :				Received By :			

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

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SGS GALSON

Robert Garrison
Terracon
1801 Handley Ederville Rd
Fort Worth, TX 76118

July 25, 2022

Account# 30020

Login# L569703

Dear Robert Garrison:

Enclosed are the analytical results for the samples received by our laboratory on July 19, 2022. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

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- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.

- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.

- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Terracon
Site : GARLAND ISD SAM HOUSTON
Project No. : 95217460A
Date Sampled : 15-JUL-22
Date Received : 19-JUL-22

Account No.: 30020
Login No. : L569703

Date Analyzed : 22-JUL-22
Report ID : 1310893

Arsenic

Sample ID	Lab ID	Air Vol liter	Total ug	Conc mg/m3
8	L569703-1	871	<0.30	<0.00034
9	L569703-2	858	<0.30	<0.00035
10	L569703-3	881	<0.30	<0.00034
11	L569703-4	881	<0.30	<0.00034
B	L569703-5	NA	<0.30	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.30 ug
Analytical Method : mod. NIOSH 7303; ICP
Collection Media : MCE UW 37mm

Submitted by: MEL
Date : 25-JUL-22
Supervisor : KEG

Approved by: JJL

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Terracon
Site : GARLAND ISD SAM HOUSTON
Project No. : 95217460A

Date Sampled : 15-JUL-22
Date Received: 19-JUL-22
Date Analyzed: 22-JUL-22

Account No.: 30020
Login No. : L569703

L569703 (Report ID: 1310893):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-27(16), MT-SOP-29(10)

L569703 (Report ID: 1310893):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Arsenic	+/-10.7%	107%

275704089757
Date:07/19/22
Shipper:FEDEX
Initials:MAK

Prep:UNKNOWN

L569703

(36)

GALSON CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☒ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30020

Original Prep No.: PSY660464

CS Rep: KROSALES

Online COC No.: 251395

Report To: Robert Garrison
Company Name: Terracon
Address 1: 1801 Handley Ederville Rd
Address 2:
City, State Zip: Fort Worth, TX 76118
Phone No.: 817 - 268 - 8600
Cell No.: 817 - 300 - 0238
Email reports to: robert.garrison@terracon.com
Email EDD to: robert.garrison@terracon.com
Comments:

Invoice To: Robert Garrison
Company Name: Terracon
Address 1: 2501 E Loop 820 N
Address 2:
City, State Zip: Fort Worth, TX 76118
Phone No.: 817 - 268 - 8600
Email Address: APInvoices@terracon.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS Galson to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: TX

Please indicate which OEL(s) this data will be used for:
☒ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA
☐ IAQ: _____ (Specify Limit(s)) ☐ Other: _____ (Specify Other)

Site Name: Crockett ISD Sam Houston

Project: ~~95227193~~ 95219460 A

Sampled By: Kat Milacek

List description of industry or Process/interferences present in sampling area:

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area * (Liters / Minutes / in², cm², ft² *)	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
8	7/15/22	37mm UW MCE, 3pc	871 L	Arsenic	mod. NIOSH 7303; ICP	
9	1	37mm UW MCE, 3pc	858 L	Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By:	Kat Milacek	7/18/22	5:00p	Received By:			
Relinquished By:				Received By:	Michelle Krause	7/19/22	1051

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Online COC No.: 251395
Prep No.: PSY660464
Account No.: 30020
Draft: 7/7/2022 12:59:31 PM

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SGS GALSON CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
10	7/15/22	37mm UW MCE, 3pc	881	L	Arsenic	mod. NIOSH 7303; ICP	
11	↓	37mm UW MCE, 3pc	881	L	Arsenic	mod. NIOSH 7303; ICP	
B	↓	37mm UW MCE, 3pc	Blank	—	Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek [signature]	7/18/22	5:00p	Received By :			
Relinquished By :				Received By :	Michelle Krause [signature]	7/19/22	1051

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

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SGS GALSON

Robert Garrison
Terracon
1801 Handley Ederville Rd
Fort Worth, TX 76118

July 26, 2022

Account# 30020

Login# L569712

Dear Robert Garrison:

Enclosed are the analytical results for the samples received by our laboratory on July 19, 2022. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.

- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.

- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Terracon
Site : GARLAND 150 SAM WOCESTON SOIL
Project No. : 95227193 95217460A
Date Sampled : 18-JUL-22
Date Received : 19-JUL-22

Account No.: 30020
Login No. : L569712

Date Analyzed : 25-JUL-22
Report ID : 1311025

Arsenic

Sample ID	Lab ID	Air Vol liter	Total ug	Conc mg/m3
8	L569712-1	522	<0.30	<0.00057
9	L569712-2	508	<0.30	<0.00059
10	L569712-3	504	<0.30	<0.00060
11	L569712-4	504	<0.30	<0.00060
12	L569712-5	452	<0.30	<0.00066
13	L569712-6	456	<0.30	<0.00066
B	L569712-7	NA	<0.30	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.30 ug
Analytical Method : mod. NIOSH 7303; ICP
Collection Media : MCE UW 37mm

Submitted by: AJP/EJB
Date : 26-JUL-22
Supervisor : KEG

Approved by: JJL

SGS GALSON

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Terracon
Site : GARLAND 150 SAM WOCESTON SOIL
Project No. : 95227193 95217460A

Date Sampled : 18-JUL-22 Account No.: 30020
Date Received: 19-JUL-22 Login No. : L569712
Date Analyzed: 25-JUL-22

L569712 (Report ID: 1311025):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-27(16), MT-SOP-29(10)
One out of eight blank spikes recovered above control limits (90.1 to 124%) at 130% for Arsenic.

L569712 (Report ID: 1311025):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Arsenic	+/-10.7%	107%

275704089757
Date:07/19/22
Shipper:FEDEX
Initials:MAK

Prep:UNKNOWN

L569712

GALSON CHAIN OF CUSTODY

39

Turn Around Time (TAT):	(surcharge)
☒ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program

☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30020

Original Prep No.: PTX661696

CS Rep: KGAUDREAU

Online COC No.: 251813

Report To :	Robert Garrison
Company Name :	Terracon
Address 1 :	1801 Handley Ederville Rd
Address 2 :	
City, State Zip :	Fort Worth, TX 76118
Phone No. :	817 - 268 - 8600
Cell No. :	817 - 300 - 0238
Email reports to :	robert.garrison@terracon.com
Email EDD to :	robert.garrison@terracon.com
Comments :	

Invoice To :	Robert Garrison
Company Name :	Terracon
Address 1 :	1801 Handley Ederville Rd
Address 2 :	
City, State Zip :	Fort Worth, TX 76118
Phone No. :	817 - 268 - 8600
Email Address :	APInvoices@terracon.com
Comments :	
P.O. No. :	
Payment info. :	☐ I will call SGS Galson to provide credit card info ☐ Card on File (enter the last five digits on the line below)

Comments :

State Sampled : TX

Please indicate which OEL(s) this data will be used for :
☑ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA
☐ IAQ : _____ Specify Limit(s) ☐ Other : _____ Specify Other

Site Name : Gaylad 150 Sam Houston Soil Exp

Project : 95227193 95217460A

Sampled By : Kat Milacek

List description of industry or Process/interferences present in sampling area :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
8	7/18/22	37mm UW MCE, 3pc	522	L	Arsenic	mod. NIOSH 7303; ICP	
9	7/18/22	37mm UW MCE, 3pc	508	L	Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek	7/18/22	4:10pm	Received By :			
Relinquished By :				Received By :	Michelle Krause	7/19/22	1051

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251813
Prep No. : PTX661696
Account No. : 30020
Draft : 7/14/2022 10:20:32 AM

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SGS GALSON CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
10	7/18/22	37mm UW MCE, 3pc	504	L	Arsenic	mod. NIOSH 7303; ICP	
11	"	37mm UW MCE, 3pc	504	L	Arsenic	mod. NIOSH 7303; ICP	
12	"	37mm UW MCE, 3pc	452	L	Arsenic	mod. NIOSH 7303; ICP	
13	"	37mm UW MCE, 3pc	456	L	Arsenic	mod. NIOSH 7303; ICP	
B	"	37mm UW MCE, 3pc	Blank	——	Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek	7/18/22	4:10pm	Received By :			
Relinquished By :				Received By :	Michelle Krause Michelle Krause	7/19/22	1051

*** You must fill in these columns for any samples which you are submitting.**

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251813
Prep No. : PTX661696
Account No. : 30020
Draft : 7/14/2022 10:20:32 AM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

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SGS GALSON

Robert Garrison
Terracon
1801 Handley Ederville Rd
Fort Worth, TX 76118

July 25, 2022

Account# 30020

Login# L569798

Dear Robert Garrison:

Enclosed are the analytical results for the samples received by our laboratory on July 20, 2022. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

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- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.

- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.

- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Terracon
Site : GARLAND ISD SAM HOUSTON
Project No. : 95217460 A
Date Sampled : 19-JUL-22
Date Received : 20-JUL-22

Account No.: 30020
Login No. : L569798

Date Analyzed : 22-JUL-22
Report ID : 1310859

Arsenic

Sample ID	Lab ID	Air Vol liter	Total ug	Conc mg/m3
12	L569798-1	736	<0.30	<0.00041
14	L569798-2	703	<0.30	<0.00043
B	L569798-3	NA	<0.30	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.30 ug
Analytical Method : mod. NIOSH 7303; ICP
Collection Media : MCE UW 37mm

Submitted by: EJB/MEL/WTF
Date : 25-JUL-22
Supervisor : KEG

Approved by: JJL

SGS GALSON

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Terracon
Site : GARLAND ISD SAM HOUSTON
Project No. : 95217460 A

Date Sampled : 19-JUL-22 Account No.: 30020
Date Received: 20-JUL-22 Login No. : L569798
Date Analyzed: 22-JUL-22

L569798 (Report ID: 1310859):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-27(16), MT-SOP-29(10)

L569798 (Report ID: 1310859):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Arsenic	+/-10.7%	107%

275750412388
Date:07/20/22
Shipper:FEDEX
Initials:BGF
Prep:UNKNOWN

(84) L569798

GALSON CHAIN OF CUSTODY

Turn Around Time (TAT):	(surcharge)
☒ KMD Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

☑ Samples submitted using the FreePumpLoan™ Program
☐ Samples submitted using the FreeSamplingBadges™ Program

You may edit and complete this COC electronically by logging in to your Client Portal account at https://portal.galsonlabs.com/

Client Acct No.: 30020
Original Prep No.: PSY660464
CS Rep: KROSALES
Online COC No.: 251395

Report To: Robert Garrison
Company Name: Terracon
Address 1: 1801 Handley Ederville Rd
Address 2:
City, State Zip: Fort Worth, TX 76118
Phone No.: 817 - 268 - 8600
Cell No.: 817 - 300 - 0238
Email reports to: robert.garrison@terracon.com
Email EDD to: robert.garrison@terracon.com
Comments:

Invoice To: Robert Garrison
Company Name: Terracon
Address 1: 2501 E Loop 820 N
Address 2:
City, State Zip: Fort Worth, TX 76118
Phone No.: 817 - 268 - 8600
Email Address: APInvoices@terracon.com
Comments:
P.O. No.:
Payment Info.: ☐ I will call SGS Galson to provide credit card info ☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: TX

Please indicate which OEL(s) this data will be used for: ☑ OSHA PEL ☐ ACGIH TLV ☐ MSHA ☐ Cal OSHA ☐ IAQ: _____ (Specify Limit(s)) ☐ Other: _____ (Specify Other)

Site Name: Crockett ISD Sam Houston
Project: ~~95227193~~ 95219460 A
Sampled By: Kat Milacek
List description of industry or Process/interferences present in sampling area:

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume / Sample Time / Sample Area *	Liters / Minutes / in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
12	7/19/22	37mm UN MCE, 3pc	736	L	Arsenic	mod. NIOSH 7303; ICP	
14	1	37mm UN MCE, 3pc	703	L	Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By:	Kat Milacek	7/19/22	2:30p.m	Received By:	Brett Grenert-Fischer		
Relinquished By:				Received By:		7/20/22	1051

* You must fill in these columns for any samples which you are submitting.
Samples received after 3pm will be considered as next day's business.

Online COC No.: 251395
Prep No.: PSY660464
Account No.: 30020
Draft: 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

Page: 1 / 4

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SGS GALSON CHAIN OF CUSTODY

Comments :

Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
B	7/19/22	37mm UW MCE, 3pc	Blank	———	Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	
		37mm UW MCE, 3pc			Arsenic	mod. NIOSH 7303; ICP	

☐ ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By :	Kat Milacek (signature)	7/19/22	2:30pm	Received By :	Brett Grenert-Fischer (signature) Brett Grenert-Fischer	7/20/22	1051
Relinquished By :				Received By :			

* You must fill in these columns for any samples which you are submitting.

Samples received after 3pm will be considered as next day's business.

Online COC No. : 251395
Prep No. : PSY660464
Account No. : 30020
Draft : 7/7/2022 12:59:31 PM

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

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Member of the SGS Group (SGS SA)

APPENDIX E – WASTE DISPOSAL AND RESTORATION DOCUMENTATION

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1649514

1937324

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street 4. Phone ( ) Garland, Texas 75040	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive 6. Phone ( ) Garland, Texas 75041

7. Transporter #1 Company Name ELC	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM	~	TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above
RB-425115 Load #1

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518
H132

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	7	22

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed Name	Signature	Month	Day	Year
		7	12	22

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937323

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street 4. Phone ( ) Garland, Texas 75040	Garland Independent School District 2232 Sussex Drive 6. Phone ( ) Garland, Texas 75041

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
EIC	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

2406 Load #2

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518

H132

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	12	22

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Maya Sims		7	12	22

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937325

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

70-2550 Unit #3

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		07	06	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill				

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937326

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

Pan 4/4

#2582515

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill				

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937327

GENERATOR

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill				

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937328

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

BY 24HR H2O

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		7	13	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name Camelot Landfill	Signature	Month	Day	Year
		7	14	22

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937329

GENERATOR

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

BY PBURNS15 Load #9

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518
H132

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	14	22

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill		7	14	22

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type

NON-HAZARDOUS WASTE MANIFEST

1937330

GENERATOR

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM	~	TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

2406

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		7	14	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	14	22

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill Tasheena C.		7	14	22

REPUBLIC SERVICES

165093

NON-HAZARDOUS WASTE MANIFEST

1937331

Please print or type.

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

20-2550 LOAD #1

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill		7	14	25

REPUBLIC SERVICES

1650214

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937332

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

2406

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name Camelot Landfill	Signature	Month	Day	Year

REPUBLIC SERVICES

1650518

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937333

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name EIC	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

Box # Load #1

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill		7	19	22

REPUBLIC SERVICES

1650345

NON-HAZARDOUS WASTE MANIFEST

1354116

Please print or type.

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
ELL	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

RLS-042915 Load #12

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Brian Ward				

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Marlin Porter				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Nick		1	13	22

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937334

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
LLC	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

Box # 2406

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill				

REPUBLIC SERVICES

1650407

NON-HAZARDOUS WASTE MANIFEST

1937335

Please print or type.

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
ELC	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

Box # RB-0425115

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Tanner Smith		07	15	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Martin Thiele		7	15	22

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill Nick H		7	15	22

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1650496

1937336

Please print or type.

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

1650698

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937337

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name Camelot Landfill	Signature	Month	Day	Year

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1650737

1937339

Please print or type

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-9600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

2406 Load #17

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	1	22

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill		7	1	22

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type

NON-HAZARDOUS WASTE MANIFEST

1937341

GENERATOR

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
ELC	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers		19. Total Quantity	20. Unit Wt/Vol
		No.	Type		
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

RB-0175115 Load # 16

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518
1937341 H132

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Tim Smith				

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill				

REPUBLIC SERVICES

1650120

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937343

GENERATOR

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	

10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM	~	TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

2406 Unit #19

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518

H132

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Martin Pulido				

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Catherina Lavigne		7	18	22

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

REPUBLIC SERVICES

165010

NON-HAZARDOUS WASTE MANIFEST

1937342

Please print or type.

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
ELC	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]			22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROSALIO IBARRA	[signature]	7	18	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Catherina Lavigne Camelot Landfill	[signature]	7	18	22

REV 09/20

TRANSPORTER #2

COM000033
RS-F15

REPUBLIC SERVICES

1650730

1937338

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	THH 101 Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
EIC	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	7	17	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rosalio Ibarra	Rosalio Ibarra	7	18	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill Tatiana Lavigne	[signature]	7	18	22

REPUBLIC SERVICES

1450774

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937340

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Kevin Smith		07	18	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rosalio Ibarra	Rosalio Ibarra	7	18	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Catherine Lara Camelot Landfill		7	18	22

REPUBLIC SERVICES

1450974

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937347

GENERATOR

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

	16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.	Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.						
c.						

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		07	12	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rosalia Ibarra		7	14	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill Katherine Lavigne		7	14	22

REV 09/20

TRANSPORTER #2

COM000033
RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

1650946

1937346

Please print or type.

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROSALIO IBARRA		7	19	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Katrina Lawson Camelot Landfill		7	19	22

REV 09/20

TRANSPORTER #2

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937348

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Pedro Ibarra	Rosalva Ibarra	7	19	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill Kelly Sims		7	19	22

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937344

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A	1		

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers		19. Total Quantity	20. Unit Wt/Vol
		No.	Type		
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

RSI 42515 Load #20

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Pamela Landry	Pamela Sims	7	19	23

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937345

1. ☐ Generator's US EPA ID Number	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of
N/A			

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
	N/A	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone
Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	NA	972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above: 20-550 Load #21

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		07	12	23

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		7	12	23

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill		7	12	23

REPUBLIC SERVICES

1651203

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1937349

GENERATOR

1. ☐ Generator's US EPA ID Number N/A	☐ Generator's State ID Number	Manifest Document Number	2. Page 1 of

3. Generator's Name and Mailing Address Garland Independent School District 701 North 1st Street Garland, Texas 75040 4. Phone ( ) 817-268-8600	5. Generating Location (if different) Garland Independent School District 2232 Sussex Drive Garland, Texas 75041 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number N/A	9. Transporter #1's Phone
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address Camelot Landfill 580 Huffines Blvd Lewisville, Texas 75056	14. US EPA ID Number NA	15. Facility's Phone 972-492-3888

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. Soil	4525229088 EXP DATE: 7/06/23	1	CM		TN
b.					
c.					

21. Additional Descriptions for Materials Listed Above

7406 Lan 1722

22. Special Handling Instructions and Additional Information

CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		07	20	22

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name Camelot Landfill	Signature	Month	Day	Year
		7	20	22

SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1649814	CELL	
WEIGHMASTER	Niaga M.		
DATE/TIME IN	7/12/22 1:34 pm	DATE/TIME OUT	7/12/22 2:19 pm
VEHICLE	TRUCK	CONTAINER	
REFERENCE	1937324 martin wf 15		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	71,960	NET TONS	14.21
SCALE OUT	TARE WEIGHT	43,540	NET WEIGHT	28,420

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
14.21	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				



Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1649837	

WEIGHMASTER: IN - FALONONA L. OUT - Niaga M.

DATE/TIME IN	DATE/TIME OUT
7/12/22 4:31 pm	7/12/22 5:13 pm

VEHICLE	CONTAINER
TRUCK	

REFERENCE: 1937323 mark sw8

BILL OF LADING

SCALE IN	GROSS WEIGHT	77,280	NET TONS	16.63
SCALE OUT	TARE WEIGHT	44,020	NET WEIGHT	33,260

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
16.63	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE

CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER

005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1649968	

WEIGHMASTER: IN - Niaga M. OUT - Rodrigo V.

DATE/TIME IN	DATE/TIME OUT
7/13/22 10:48 am	7/13/22 11:25 am

VEHICLE: TRUCK
CONTAINER:
REFERENCE: 1937325 sw 8
BILL OF LADING:

SCALE IN	GROSS WEIGHT	69,760	NET TONS	14.03
SCALE OUT	TARE WEIGHT	41,700	NET WEIGHT	28,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
14.03	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD HATS AND SAFETY VEST WHILE UNLOADING WASTE.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions set forth on the reverse side and that he or she is duly authorized to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1649998	

WEIGHMASTER: IN - Niaga M. OUT - Tasheema C.

DATE/TIME IN	DATE/TIME OUT
7/13/22 1:56 pm	7/13/22 2:22 pm

VEHICLE	CONTAINER
TRUCK	

REFERENCE: 1937326 martin sw 8

BILL OF LADING

SCALE IN	GROSS WEIGHT	79,220	NET TONS	17.83
SCALE OUT	TARE WEIGHT	43,560	NET WEIGHT	35,660

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
17.83	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE

CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER

005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650014	

WEIGHMASTER Niaga M.

DATE/TIME IN	DATE/TIME OUT
7/13/22 4:06 pm	7/13/22 4:53 pm

VEHICLE TRUCK

CONTAINER

REFERENCE 1937327 martin sw8

BILL OF LADING

SCALE IN GROSS WEIGHT 71,460 NET TONS 14.77 INBOUND
SCALE OUT TARE WEIGHT 41,920 NET WEIGHT 29,540 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
14.77	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD HATS AND SAFETY VEST WHILE UNLOADING WASTE.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions contained on the reverse side and that he or she is signing this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

SITE

CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER

005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650110	

WEIGHMASTER IN - Nicson H. OUT - Rodrigo V.

DATE/TIME IN	DATE/TIME OUT
7/14/22 7:19 am	7/14/22 7:55 am

VEHICLE TRUCK

CONTAINER

REFERENCE 1937328 martin sw8

BILL OF LADING

SCALE IN	GROSS WEIGHT	83,220	NET TONS 19.29	INBOUND
SCALE OUT	TARE WEIGHT	44,640	NET WEIGHT 38,580	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
19.29	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD HATS AND SAFETY VEST WHILE UNLOADING WASTE.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions set forth herein and that he or she is duly authorized to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650135	CELL	
WEIGHMASTER	IN - Nicson H. OUT - Niaga M.		
DATE/TIME IN	7/14/22 9:33 am	DATE/TIME OUT	7/14/22 9:56 am
VEHICLE	TRUCK	CONTAINER	
REFERENCE	1937329 martin sw4		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	76,700	NET TONS	16.40
SCALE OUT	TARE WEIGHT	43,900	NET WEIGHT	32,800

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
16.40	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650168	

WEIGHMASTER: Tasheema C.

DATE/TIME IN	DATE/TIME OUT
7/14/22 11:38 am	7/14/22 12:25 pm

VEHICLE	CONTAINER
TRUCK	

REFERENCE: 1937330 Martin SW4

BILL OF LADING:

SCALE IN	GROSS WEIGHT	83,360	NET TONS	19.49
SCALE OUT	TARE WEIGHT	44,380	NET WEIGHT	38,980

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.00	YD	Tracking QTY				
19.49	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

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RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650193	CELL	
WEIGHMASTER	Nicson H.		
DATE/TIME IN	7/14/22 1:59 pm	DATE/TIME OUT	7/14/22 1:59 pm
VEHICLE	Environmental6816-20	CONTAINER	
REFERENCE	1937331 MARTIN		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	77,340	NET TONS	16.48
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	32,960

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
16.48	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I THEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005318
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650214	CELL	
WEIGHMASTER	Nicson H.		
DATE/TIME IN	7/14/22 3:54 pm	DATE/TIME OUT	7/14/22 3:54 pm
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1937332 martin		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	75,380	NET TONS	15.50
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	31,000

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
15.50	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

NET AMOUNT
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CHANGE
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RS-F042UPR (04/19)

SIGNATURE _____

SITE

CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER

005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650318	

WEIGHMASTER: Rodrigo V.

DATE/TIME IN	DATE/TIME OUT
7/15/22 7:07 am	7/15/22 7:50 am

VEHICLE: Environmental6816-2

CONTAINER:

REFERENCE: 1937333 sw4

BILL OF LADING:

SCALE IN	GROSS WEIGHT	70,040	NET TONS	13.77
SCALE OUT	TARE WEIGHT	42,500	NET WEIGHT	27,540

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
13.77	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD HATS AND SAFETY VEST WHILE UNLOADING WASTE.

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RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

2 972-492-3888
BLVD-LEWISVILLE, TX 75056

ER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650345	CELL	
WEIGHMASTER	Nicson H.		
DATE/TIME IN	7/15/22 9:57 am	DATE/TIME OUT	7/15/22 9:57 am
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1354116 MARTIN		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	81,740	NET TONS	18.68
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	37,360

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
18.68	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650407	CELL	
WEIGHMASTER	Nicson H.		
DATE/TIME IN	7/15/22 2:03 pm	DATE/TIME OUT	7/15/22 2:03 pm
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1937335 MARTIN		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	78,420	NET TONS 17.02	INBOUND
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT 34,040	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
17.02	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

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NET AMOUNT

TENDERED

CHANGE

CHECK#

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SIGNATURE _____

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER
005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650496	

WEIGHMASTER Caroline C.

DATE/TIME IN	DATE/TIME OUT
7/16/22 8:12 am	7/16/22 8:12 am

VEHICLE Environmental6816-2 **CONTAINER**

REFERENCE

BILL OF LADING

SCALE IN	GROSS WEIGHT	82,460	NET TONS	19.04	INBOUND
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	38,080	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
19.04	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				



Signature_____

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HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

HATS AND SAFETY VEST WHILE UNLOADING WASTE.

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NET AMOUNT
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CHANGE
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SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650698	CELL	
WEIGHMASTER	Nicson H.		
DATE/TIME IN	7/18/22 7:27 am	DATE/TIME OUT	7/18/22 7:27 am
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1937337 martin		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	77,460	NET TONS	16.54
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	33,080

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
16.54	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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RS-F042UPR (04/19)

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CHANGE
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SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650739	CELL	
WEIGHMASTER	FALONONA L.		
DATE/TIME IN	7/18/22 9:49 am	DATE/TIME OUT	7/18/22 9:49 am
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1937339 mark		
BILL OF LADING			

SCALE IN GROSS WEIGHT 87,260 NET TONS 21.44
TARE OUT TARE WEIGHT 44,380 NET WEIGHT 42,880

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
21.44	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650782	CELL	
WEIGHMASTER	Niaga M.		
DATE/TIME IN	7/18/22 12:40 pm	DATE/TIME OUT	7/18/22 12:40 pm
VEHICLE	Environmental6816-20	CONTAINER	
REFERENCE	1937341 martin		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	85,500	NET TONS	20.56
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	41,120

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
20.56	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

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NET AMOUNT

TENDERED

CHANGE

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SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER
005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650820	

WEIGHMASTER FALONONA L.

DATE/TIME IN	DATE/TIME OUT
7/18/22 3:16 pm	7/18/22 3:16 pm

VEHICLE Environmental6816-2 **CONTAINER**

REFERENCE 1937343 mark

BILL OF LADING

SCALE IN	GROSS WEIGHT	77,060	NET TONS	16.34	INBOUND
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	32,680	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
16.34	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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HATS AND SAFETY VEST WHILE UNLOADING WASTE.

NET AMOUNT

TENDERED

CHANGE

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580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1651000	CELL	
WEIGHMASTER	Niaga M.		
DATE/TIME IN	7/19/22 1:11 pm	DATE/TIME OUT	7/19/22 1:11 pm
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1937344 martin		
BILL OF LADING			

SCALE IN GROSS WEIGHT 74,280 NET TONS 14.95 INBOUND
TARE OUT TARE WEIGHT 44,380 NET WEIGHT 29,900 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
14.95	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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SIGNATURE _____

NET AMOUNT
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CHANGE
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SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1651004	CELL	
WEIGHMASTER	Niaga M.		
DATE/TIME IN 7/19/22	1:40 pm	DATE/TIME OUT 7/19/22	1:40 pm
VEHICLE	IBARRA101-2	CONTAINER	
REFERENCE	1937348 rosalio		
BILL OF LADING			

SCALE IN	GROSS WEIGHT	59,820	NET TONS	12.48
TARE OUT	TARE WEIGHT	34,860	NET WEIGHT	24,960

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.48	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

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CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1651021	CELL	
WEIGHMASTER	FALONONA L.		
DATE/TIME IN	7/19/22 4:13 pm	DATE/TIME OUT	7/19/22 4:13 pm
VEHICLE	Environmental6816-25	CONTAINER	
REFERENCE	1937345 martin		
BILL OF LADING			

SCALE IN GROSS WEIGHT 73,040 NET TONS 14.33
TARE OUT TARE WEIGHT 44,380 NET WEIGHT 28,660

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
14.33	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				



Signature_____

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NET AMOUNT
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CHANGE
CHECK#

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SIGNATURE _____

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580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650774	CELL	
WEIGHMASTER	FALONONA L.		
DATE/TIME IN	7/18/22 11:57 am	DATE/TIME OUT	7/18/22 11:57 am
VEHICLE	IBARRA101-2	CONTAINER	
REFERENCE	1937340 rosalio		
BILL OF LADING			

SCALE IN GROSS WEIGHT 71,600 NET TONS 18.37 INBOUND
TARE OUT TARE WEIGHT 34,860 NET WEIGHT 36,740 INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.37	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

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RS-F042UPR (04/19)

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	7	18	22

TRANSPORTER

24. Transporter #1: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. Transporter #2: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	7	18	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill [illegible]	[signature]	7	18	22

REV 09/20 COM000033 RS-F15

TRANSPORTER #1

SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25 | TICKET # 1650730 | CELL
WEIGHMASTER FALONONA L.
DATE/TIME IN 7/18/22 9:16 am | DATE/TIME OUT 7/18/22 9:16 am
VEHICLE IBARRA101-2 | CONTAINER
REFERENCE 1937338 rosalio
BILL OF LADING

SCALE IN GROSS WEIGHT 71,220 NET TONS 18.18
TARE OUT TARE WEIGHT 34,860 NET WEIGHT 36,360

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.18	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

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F042UPR (04/19)

SIGNATURE _____

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22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Falonona Lawyer (Camelot Landfill)		7	18	22

REV 09/20

TRANSPORTER #1

COM000033
RS-F15

SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER 005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25	TICKET # 1650974	CELL	
WEIGHMASTER	FALONONA L.		
DATE/TIME IN	7/19/22 11:22 am	DATE/TIME OUT	7/19/22 11:32 am
VEHICLE	IBARRA101-2	CONTAINER	
REFERENCE	1937347 rosalio		
BILL OF LADING			

SCALE IN GROSS WEIGHT 71,720 NET TONS 18.43
TARE OUT TARE WEIGHT 34,860 NET WEIGHT 36,860

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.43	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS.

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

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NET AMOUNT
TENDERED
CHANGE
CHECK#

'S-F042UPR (04/19)

SIGNATURE

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518
H132

23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. Transporter #1: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. Transporter #2: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rosalio Ibarra		7	19	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Camelot Landfill Veronica Tavigre		7	19	22

COM000033
RS-F15

REV 09/20

TRANSPORTER #1

SITE
CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER
005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650946	

WEIGHMASTER: FALONONA L.

DATE/TIME IN	DATE/TIME OUT
7/19/22 9:06 am	7/19/22 9:06 am

VEHICLE	CONTAINER
IBARRA101-2	

REFERENCE: 1937346 rosalio

BILL OF LADING:

SCALE IN GROSS WEIGHT 69,280 NET TONS 17.21
TARE OUT TARE WEIGHT 34,860 NET WEIGHT 34,420

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
17.21	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

SAFETY
DRIVE
It's the Right Thing!

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

HATS AND SAFETY VEST WHILE UNLOADING WASTE.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co.
CUSTOMER #: 5518
H132

23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROSALIO IBARRA		7	19	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19).

Printed/Typed Name	Signature	Month	Day	Year
Falonona Lawson		7	19	22

REV 09/20

COM000033
RS-F15

TRANSPORTER #1

SITE CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD-LEWISVILLE, TX 75056

CUSTOMER ~~805518~~
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE 25 | TICKET # 1650810 | CELL
WEIGHMASTER FALONONA L.
DATE/TIME IN 7/18/22 2:27 pm | DATE/TIME OUT 7/18/22 2:27 pm
VEHICLE IBARRAIOI-2 | CONTAINER
REFERENCE 1937342 rosalio
BILL OF LADING

SCALE IN GROSS WEIGHT 66,020 NET TONS 15.58
TARE OUT TARE WEIGHT 34,860 NET WEIGHT 31,160

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
15.58	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,
HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.
I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE _____

RS.F042UPR (04/19)

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information
CUSTOMER: Environmental Logistics Co. H132
CUSTOMER #: 5518

23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations, AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. Transporter #1: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. Transporter #2: Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Ramiro Ibarra		7	18	22

T/S/D FACILITY

26. Discrepancy Indication Space

27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year
Falonna Lavigne		7	18	22

REV 09/20

COM000033
RS.F15

TRANSPORTER #1

SITE

CAMELOT LANDFILL 972-492-3888
580 HUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER

005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1651203	

WEIGHMASTER IN - FALONONA L. OUT - Nicson H.

DATE/TIME IN	DATE/TIME OUT
7/20/22 12:53 pm	7/20/22 1:47 pm

VEHICLE TRUCK

CONTAINER

REFERENCE 1937349 Mart sw8

BILL OF LADING

SCALE IN GROSS WEIGHT 80,080 NET TONS 17.78 INBOUND
SCALE OUT TARE WEIGHT 44,520 NET WEIGHT 35,560 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.00	YD	Tracking QTY				
17.78	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature _____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD HATS AND SAFETY VEST WHILE UNLOADING WASTE.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side of this document and is authorized to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE _____

SITE

CAMEL DFILL 972-492-3888
580 FUFFINES BLVD LEWISVILLE, TX 75056

CUSTOMER

005518
ENVIRONMENTAL LOGISTICS COMPANY LLC
PO BOX 3238;
MCKINNEY, TX 75070

Contract:4525229088
Generator:GARLAND INDEPENDENT SCHOOL DISTRICT

SITE	TICKET #	CELL
25	1650377	

WEIGHMASTER: Tasheema C.

DATE/TIME IN: 7/15/22 11:46 am

DATE/TIME OUT: 7/15/22 11:46 am

VEHICLE: Environmental6816-2

CONTAINER:

REFERENCE: 1937334 Martin

BILL OF LADING:

SCALE IN	GROSS WEIGHT	83,680	NET TONS	19.65	INBOUND
TARE OUT	TARE WEIGHT	44,380	NET WEIGHT	39,300	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.00	YD	Tracking QTY				
19.65	tn	SW-CONT SOIL				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

Signature_____

I HEREBY CERTIFY THIS LOAD DOES NOT CONTAIN ASBESTOS,

HAZARDOUS WASTE OR OTHER UNAUTHORIZED WASTE.

I ALSO AGREE THAT I AND ANYONE HELPING ME WILL WEAR HARD

HATS AND SAFETY VEST WHILE UNLOADING WASTE.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK#

2232 Sussex Dr., Garland, Texas
Select Fill Summary

Date	Ticket Number	Truck Number	Cubic Yards	Tons
7/26/2022	70171	P99	20	16.8
7/26/2022	70186	P99	20	17
7/26/2022	70198	P99	20	20.1
7/26/2022	70213	P99	20	19.3
7/26/2022	70224	P99	20	21.6
7/26/2022	70173	101	20	18.8
7/26/2022	70183	101	20	18.5
7/26/2022	70195	101	20	21
7/26/2022	70207	101	20	21.4
7/26/2022	70220	101	20	21.4
7/26/2022	70172	196	20	18
7/26/2022	70187	196	20	18.6
7/26/2022	70199	196	20	20
7/26/2022	70211	196	20	19.2
7/26/2022	70221	196	20	20
7/26/2022	70231	196	20	18.3
7/26/2022	70254	196	20	18.4
7/27/2022	70230	P99	20	19.3
7/27/2022	70253	P99	20	18.3
7/27/2022	70229	101	20	18.8
7/27/2022	70260	101	20	19.3
7/27/2022	70281	101	20	23.7
		Total:	**440**	**427.8**

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 979 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: JV.

AMOUNT DUE: 89.04 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70171

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 196 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☐ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: _____

AMOUNT DUE: 25.40 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70172

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 104 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: J.V.

AMOUNT DUE: 29.64 **Signature:** Ricky Duffy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70173

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 101 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: J.V.

AMOUNT DUE: 18.05 **Signature:** By Daddy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70183

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 897 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☐ OFF

WEIGHED BY: _____

AMOUNT DUE: 90.10 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70186

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 196 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☑ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: JV

AMOUNT DUE: 28.58 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70187

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 101 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☐ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☐ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☐ OFF

WEIGHED BY: J.V.

AMOUNT DUE: 1970 **Signature:** B. Duffy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70195

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: P99 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: TV.

AMOUNT DUE: 106.53 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70198

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 1916 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: J.V.

AMOUNT DUE: 126.00 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70199

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 101 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☐ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☐ OFF

WEIGHED BY: _____

AMOUNT DUE: 11607 **Signature:** Big Daddy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70207

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 196 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☑ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☑ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☐ OFF

WEIGHED BY: TV

AMOUNT DUE: 121.76 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70211

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: D99 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☐ OFF

WEIGHED BY: _____

AMOUNT DUE: 402.99 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70213

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 101 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

DRIVER : ☐ ON ☒ OFF

☐ Common Fill ☐ _____

WEIGHED BY: JV

AMOUNT DUE: 113.42 **Signature:** Big Daddy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70220

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: 1910 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: N.

AMOUNT DUE: 106.00 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70221

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Eng. TIME: DATE:

TRUCK #: P99 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☐ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: F.S

AMOUNT DUE: 114.48 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70224

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME:_____ TIME: DATE:

TRUCK #: _____ PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☐ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☐ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

DRIVER : ☐ ON ☐ OFF

☐ Common Fill ☐ _____

WEIGHED BY: _____

AMOUNT DUE: _____ **Signature:** Big Daddy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70229

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME:_____ TIME: DATE:

TRUCK #: _____ PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☐ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☑ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

DRIVER : ☐ ON ☑ OFF

☐ Common Fill ☐ _____

WEIGHED BY: _____

AMOUNT DUE: _____ **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70230

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: _____ TIME: DATE:

TRUCK #: 196 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☐ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☐ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☑ OFF

WEIGHED BY: T S

AMOUNT DUE: 96.99 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70231

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Logistics TIME: DATE:

TRUCK #: D99 PO#:

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: TS

AMOUNT DUE: 96.99 **Signature:**

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70253

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Log. TIME: DATE:

TRUCK #: 196 PO#: _____

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: FS

AMOUNT DUE: 97.52 **Signature:** _____

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70254

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Summit Ind Log TIME: DATE:

TRUCK #: 101 PO#:

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☒ OFF

WEIGHED BY: FS

AMOUNT DUE: 102.29 **Signature:** Big Daddy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70260

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

TEXAS SANDMAN, LLC

(972) 842-2357 PIT OFFICE (972) 842-2072

FAX (972) 842-3090

WWW.TXSANDMAN.COM

COMPANY NAME: Environmental Log TIME: DATE:

TRUCK #: 101 PO#:

☐ CHECK #_____ ☐ CASH ☐ ON ACCT ☒ CHARGE

GROSS

TARE

NET

TONS

MATERIAL:

☐ Cushion Sand ☐ Screened Cushion ☒ Select Fill ☐ Top Soil

☐ Pit Run ☐ Screened Loam ☐ Sandy Loam ☐ Black Dirt

☐ Common Fill ☐ _____

DRIVER : ☐ ON ☑ OFF

WEIGHED BY: FS

AMOUNT DUE: 123.24 **Signature:** Big Daddy

**** ALL SALES FINAL**** Driver is responsible for insuring correct material was loaded.

Any discrepancy on ticket should be reported to the pit office before leaving yard.

70281

2727 MALLOY BRIDGE RD (MAILING: 152 GRAVEL SLOUGH RD) · FERRIS, TX 75125

2232 Sussex Dr., Garland, Texas
Flex Base/Rock Summary

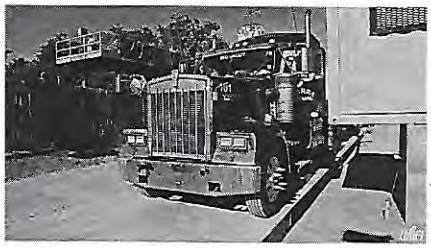
Date	Ticket Number	Truck Number	Cubic Yards	Tons
7/27/2022	LT0489375	101	20	22.08
7/27/2022	LT0489724	101	20	21.3
7/28/2022	LT0490026	101	20	17.69
7/28/2022	LT0490197	101	20	16.61
		Total:	**80**	**77.68**

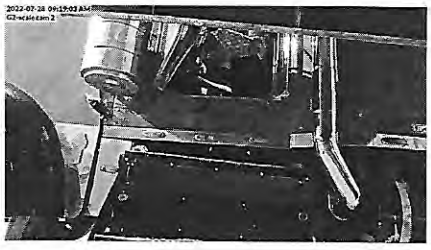
Big City Crushed Concrete

LT0490026

Big City Crushed Concrete, LLC
P.O. Box 29816
Dallas, TX 75229

Customer No	C15140		
Customer Name	ENVIRONMENTAL LOGISTICS CO		
Order No.		**Source Location:**	GOODNIGHT
		CUSTOMER	
Customer PO No.	2232 SUSSEX	**Truck Type Code**	TR
Truck No.	43937		
Scaled By	BC\G2	**Gross Weight**	67,080
Scaled Date	07/28/2022	**Tare Weight**	31,700
Scaled Time	09:19.03	**Net Weight**	35,380
		Tons	17.69
garland			
		Material	FLEX
			FLEX
		Payment Type	Account





Big City Crushed Concrete

Big City Crushed Concrete, LLC
P.O. Box 29816
Dallas, TX 75229

LT0490197

LT0490197

Customer No	C15140		
Customer Name	ENVIRONMENTAL LOGISTICS CO		
Order No.		**Source Location:**	FOREST
			CUSTOMER
Customer PO No.	2232 SUESAX DR	**Truck Type Code**	TR
Truck No.	43937		
Scaled By	BC\FORESTSCALE	**Gross Weight**	64,920
Scaled Date	07/28/2022	**Tare Weight**	31,700
Scaled Time	10:59.02	**Net Weight**	33,220
		Tons	16.61
		Material	3"
			3" ROCK
		Payment Type	Account





Big City Crushed Concrete

Big City Crushed Concrete, LLC
P.O. Box 29816
Dallas, TX 75229

LT0489375

LT0489375

Customer No	C15140		
Customer Name	ENVIRONMENTAL LOGISTICS CO		
Order No.		**Source Location:**	GOODNIGHT
		CUSTOMER	
Customer PO No.	2232 SUSSEX	**Truck Type Code**	TA
Truck No.	24482		
Scaled By	BC\GOODNIGHT1	**Gross Weight**	75,860
Scaled Date	07/27/2022	**Tare Weight**	31,700
Scaled Time	11:34.30	**Net Weight**	44,160
		Tons	22.08
GARLAND			
		Material	FLEX
			FLEX
		Payment Type	Account





Big City Crushed Concrete

Big City Crushed Concrete, LLC
P.O. Box 29816
Dallas, TX 75229

LT0489724

LT0489724

Customer No	C15140		
Customer Name	ENVIRONMENTAL LOGISTICS CO		
Order No.		**Source Location:**	GOODNIGHT
		CUSTOMER	
Customer PO No.	2232 SUSSEX	**Truck Type Code**	TR
Truck No.	43937		
Scaled By	BC\GOODNIGHT1	**Gross Weight**	74,300
Scaled Date	07/27/2022	**Tare Weight**	31,700
Scaled Time	03:17.44	**Net Weight**	42,600
		Tons	21.30
GARLAND			
		Material	FLEX
			FLEX
		Payment Type	Account

