



**Supplemental Phase II Environmental Site Assessment
Report
Triangle Properties Assemblage
Homestead, Miami-Dade County, Florida
Parcel Tax IDs 10-7813-031-0010, 10-7813-048-0050 and
10-7813-048-0040**

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Prepared for:

South Florida Regional Planning Council

Assigned for use by:

City of Homestead Community Redevelopment Agency

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Sign-off Sheet and Signatures of Environmental Professionals

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I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

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Abbreviations

AAI	All Appropriate Inquiry
AMP	Air Management Plan
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
C/I-SCTL	Commercial/Industrial Direct Exposure Soil Cleanup Target Level
CFR	Code of Federal Regulation
COCs	Contaminants of Concern
CRA	Community Redevelopment Agency
CTL	Cleanup Target Level
DERM	Miami-Dade County Department of Regulatory and Economic Resources – Division of Environmental Resources Management
DPT	Direct-push-technology
DTW	Depth-to-water
DCP	Dust Control Plan
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FAC	Florida Administrative Code
ft bls	Feet below land surface
GCTL	Groundwater Cleanup Target Level
HASP	Health and Safety Plan
Jupiter	Jupiter Environmental Laboratories, Inc.
Langan	Langan Engineering and Environmental Services, Inc.
OVA	Organic Vapor Analyzer
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PID	Photoionization detector
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SAR	Site Assessment Report
SCTL	Soil Cleanup Target Levels



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SFRPC	South Florida Regional Planning Council
SMP	Soil Management Plan
SSQAPP	Site-Specific Quality Assurance Project Plan
Stantec	Stantec Consulting Services, Inc.
TOC	Top-of-casing
TRPH	Total Recoverable Petroleum Hydrocarbons
USDA	United States Department of Agriculture
USGS	United States Geological Survey
VOC	Volatile Organic Compound



1.0 SUMMARY

Stantec has completed a Supplemental Phase II Environmental Site Assessment of the properties identified as the “Triangle Parcels” located generally west of Railroad Avenue between SW 3rd Court and SW 2nd Avenue in Homestead, Miami-Dade County, Florida. The assessed study area is herein referred to as “the subject property” and/or “the property.” This investigation focused on four parcels located within the 17 parcels that are combined into the area identified as the Triangle Parcels (as depicted in **Figures 1 and 2**), with current land use codes of vacant residential, residential, and vacant governmental.

1.1 PURPOSE AND BACKGROUND

This assessment was prepared in general accordance with the ASTM *Standard Practices for Environmental Site Assessments: Phase II ESA Process* (ASTM Designation: E1903-11). The purpose of this Supplemental Assessment was to confirm and potentially delineate metals and polycyclic aromatic hydrocarbons (PAHs) in soils identified above their respective State cleanup target levels (CTLs) as part of a Phase II ESA conducted by Stantec in February 2023. The initial Phase II ESA was conducted to address the findings of the January 2023 Phase I ESA Report prepared by Stantec that identified recognized environmental conditions (per ASTM E1527-21) related to historical on-site and off-site land uses (former on-site dry cleaner and former nearby railroad).

The purpose of these investigations is to provide sufficient information regarding the nature and extent of contamination in the shallow subsurface. The results are intended to assist in making informed business decisions about the property; and where applicable, providing the level of knowledge necessary to satisfy the landowner liability protections under CERCLA and develop a threshold knowledge of the presence of substances on properties within the scope of a CERCLA-defined Brownfields site, as required for qualifying for potential future brownfields remediation grants from the EPA Brownfields Program, and presence of target analytes that may exceed applicable Cleanup Target Levels and pose risk to human health and the environment.

1.2 SCOPE SUMMARY

Based on the findings of the February 2023 Phase II ESA, additional soil samples were collected from 40 locations at 0 to 0.5 feet below land surface (bls), 14 locations at 0.5 to 2 feet bls, and ten (10) locations at 2 to 4 feet bls. Groundwater samples were collected from ten (10) locations across the Site to confirm and delineate previously detected impacts. Selective laboratory analysis was conducted for each sample based on the documented impacts identified in the initial Phase II ESA.

1.3 INVESTIGATION RESULTS SUMMARY

Laboratory analytical reports indicated impacts in soils exceeding the cleanup target levels (CTLs) in metals, PAHs, and methylene chloride (in one soil sample). Comparison of the laboratory analytical results to Chapter 62-777, FAC, Groundwater Cleanup Target Levels (GCTLs) revealed detections of PAHs exceeding the associated GCTLs in the area of the former dry-cleaning facility. All other selected analyses did not exceed the applicable CTLs.



1.4 CONCLUSION & RECOMMENDATION

Based on the findings of this investigation that revealed associated CTLs were exceeded, additional investigation may be necessary to determine the extent of soil and groundwater impacts. Remedial activities or alternative closure options may need to be considered prior to redevelopment of the properties. The approach should be discussed with the applicable regulatory agencies: Miami-Dade County Division of Environmental Resources Management (DERM), and the Florida Department of Environmental Protection (FDEP).

This Executive Summary is a cursory summary of findings. The full report must be read in its entirety for a comprehensive understanding of these conclusions/recommendations.



2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND FEATURES

The subject property is generally located west of Railroad Avenue between SW 3rd Court and SW 2nd Terrace in Homestead, Miami-Dade County, Florida. The parcels included in the study area were listed with their abbreviated legal description (as contained in County files) in the January 2023 Phase I ESA Report. Between the time of the Phase I ESA and the supplemental assessment activities documented within this Supplemental Phase II ESA, the City of Homestead acquired one (1) additional parcel, located at the intersection of SW 3rd Court and Railroad Avenue. At the time of this investigation, parcels were either undeveloped, vacant land or had a vacated building on the parcel.

2.2 OPERATIONAL HISTORY

The subject property's primary historical use was for residential use, as well as for light commercial business, with one parcel that historically contained a dry-cleaning facility (location of SB-3/TMW-3/3C).

2.3 ENVIRONMENTAL PERMITS OR ENFORCEMENT ACTIONS

A file review conducted as part of the Phase I ESA did not reveal any recorded environmental permits or enforcement actions associated with the subject property.

2.4 KNOWN SPILLS OR RELEASES

A review of agency documentation conducted as part of the Phase I ESA revealed no documented spills or releases associated with the subject property.

2.5 PREVIOUS INVESTIGATIONS AND INTERIM SOURCE REMOVAL ACTIVITIES

Other than the Phase I and Phase II ESA previously mentioned, no other previous assessments have been identified or provided.

2.6 SPECIAL TERMS AND CONDITIONS (USER RELIANCE)

No ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical analysis may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process and uncertainty is inevitable. Additional assessment may be able to reduce the uncertainty. Even when Phase II ESA work is executed with an appropriate site-specific standard of care, certain conditions present especially difficult detection problems. Such conditions may include, but are not limited to, complex geological settings, the fate and transport characteristics of certain hazardous substances and petroleum products, the distribution of existing



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contamination, physical limitations imposed by the location of utilities and other man-made objects, and the limitations of assessment technologies.

Phase II ESAs do not generally require an exhaustive assessment of environmental conditions on a property. There is a point at which the cost of information obtained and the time required to obtain it outweigh the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. If hazardous substance or petroleum releases are confirmed on a parcel of property, the extent of further assessment is related to the degree of uncertainty that is acceptable to the user with respect to the real estate transaction. Measurements and sampling data only represent the site conditions at the time of data collection. Therefore, the usability of data collected as part of this Phase II ESA may have a finite lifetime depending on the application and use being made of the data. An environmental professional should evaluate whether the generated data are appropriate for any subsequent use beyond the original purpose for which it was collected.

This report has been prepared for the exclusive use of the client identified herein and any use of or reliance on this report by any third party is prohibited, except as may be consented to in writing by Stantec or as required by law. The provision of any such consent is at Stantec's sole and unfettered discretion and will only be authorized pursuant to the conditions of Stantec's standard form reliance letter. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report.

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3.0 PROPERTY DESCRIPTION

3.1 SAMPLING OBJECTIVES

3.1.1 Conceptual Site Model and Sampling Plan

The conceptual site model considered the on-site and nearby land uses, potential distribution of contaminants, as well as the anticipated fate and transport characteristics of contaminants in the setting being assessed. The sampling plan was designed to provide for the collection of potentially contaminated environmental media, at locations and depths where the highest concentrations are likely to occur. The sampling plan developed for this project was based upon information provided in the January 2023 Phase I ESA and February 2023 Phase II ESA.

3.1.2 Chemical Testing Plan/QAQC

The chemical testing plan was designed to detect the contaminants suspected to be present in the samples collected. This testing plan included tests which provide quality assurance (QA) and techniques that provide quality control (QC) over the chemical analysis. A completed chain of custody record accompanied each sample shipment to the analytical laboratory. Chain of custody records provide written documentation regarding sample collection and handling, identify the persons involved in the chain of sample possession, and a written record of requested analytical parameters. In addition, trip blanks were included in all coolers containing samples for volatile organic compounds.

3.2 FIELD INVESTIGATION AND METHODS

3.2.1 Soils

On September 7 and October 4, 2023, Stantec advanced 62 soil borings via a combination of hand-auger and direct push technology (DPT) to various depths of up to 4 feet bls for soil screening. Soils from each boring were evaluated for lithology and were screened for organic vapors using a photoionization detector (PID). Soil sample depths and analyses were collected based on the results from the February 2023 Phase II ESA. Soil samples were submitted to Jupiter Environmental Laboratories, Inc. (Jupiter) under chain-of-custody procedures for various analyses of metals by EPA Method 200.8, volatile organic compounds (VOCs) by EPA Method 8260C, PAHs by EPA Method 8270/PAH SIM, and total recoverable petroleum hydrocarbons (TRPH) by the FL-PRO Method.

Locations of the soil borings within the subject site boundaries are depicted on **Figure 3**. Field logs, calibration logs, and boring logs are provided in **Appendix A**. Field activities conducted were performed in accordance with applicable FDEP Standard Operating Procedures (DEP-SOP 001/01) and the Environmental Protection Agency (EPA)-approved site-specific Quality Assurance Project Plan.



3.2.2 Shallow Groundwater

Stantec oversaw the installation of one (1) shallow temporary groundwater monitoring well (TMW-6) on September 8, the collection of five (5) grab groundwater samples on October 4 and 5 (SB-7, SB-7N, SB-7S, SB-7W, and SB-7E), and the installation of three (3) shallow temporary groundwater monitoring wells (TMW-7, TMW-8, and TMW-9) on November 30. The wells or sampling points were constructed of 1.5-inch diameter PVC (TMW-7, TMW-8, TMW-9, 7N, 7, 7E, 7S, and 7W) or 2-inch diameter PVC (TMW-6) with pre-packed 0.010-inch slotted screen. Based on groundwater levels observed in the soil lithology all temporary monitor wells were installed with well screens from 2 to 12 feet bls and solid PVC riser from 3 feet above land surface (als) to 2 feet bls.

The newly installed temporary monitor wells and points were sampled on September 8, October 4, October 5, and November 30, 2023, with samples submitted to Jupiter for various analyses of metals by EPA Method 200.8, VOCs by EPA Method 8260C, PAHs by EPA Method 8270/PAH SIM, and TRPH by the FL-PRO Method.

Stantec personnel surveyed the top-of-casing (TOC) elevations of the temporary monitoring wells in relation to an arbitrary benchmark prior to removal. The depth-to-water (DTW) was measured to compare to the TOC data to assist in estimating a site-specific shallow groundwater flow direction.

DTW measurements and the calculated apparent groundwater elevations are presented on **Figure 8** and summarized in **Table 2a**. Groundwater sampling logs and calibration logs are included in **Appendix A**. Monitoring well permits and well completion reports are included in **Appendix B**.

3.2.3 Deep Groundwater

Due to the presence of PAHs in one (1) groundwater well, on November 29, 2023, Stantec collected a grab groundwater sample from the 26-30 feet bls depth interval from GWP-1 to evaluate if additional vertical delineation was necessary. The sample was sent to Jupiter for analysis of PAHs by EPA Method 8270.



4.0 ENVIRONMENTAL ASSESSMENT RESULTS

4.1 SUBSURFACE CONDITIONS

4.1.1 USGS Hydrogeological Data

Hydrogeological resources were examined to identify the probable direction of surface water and shallow groundwater flow at the site as part of the Phase I ESA investigation. The USGS 7.5-minute series topographic map produced in 2018 was reviewed. The map shows the site being located at an elevation of 11 feet above mean sea level. Based on map topography contours, the inferred primary direction of groundwater flow for the immediate vicinity of the subject site is determined to be generally toward the northeast. The USGS Topographic Map is included as **Figure 1**.

4.1.2 Site-Specific Geology

Site-specific geological data collected as part of this investigation during boring installation conducted revealed primarily brown fine sands mixed with weathered limestone to a depth of 2 feet bls, transitioning to weathered limestone to the depth of the soil boring. The apparent water table was approximately 3-4 feet bls.

4.1.3 Site-specific Groundwater Elevation Data

Groundwater levels were measured prior to sampling on each of the groundwater sampling events. DTW measurements were calculated with surveyed TOC measurements based on an arbitrary datum. Groundwater contours and the inferred groundwater flow direction are depicted on **Figure 8** and summarized on **Table 2a**. For the most recent sampling event, the apparent direction of groundwater flow was generally to the southwest. However, there is limited groundwater data to the east of the Subject Property.

4.2 SOIL ASSESSMENT RESULTS

No soil PID readings were identified exceeding 0.3 parts per million (ppm), which is well below the 10-ppm threshold indicating the potential for petroleum-impacted soils. However, as the results of the original Phase II ESA indicated the presence of metals and non-petroleum-based compounds, soil samples were collected from three intervals as practicable (due to the water table): 0-0.5 feet bls, 0.5-2 feet bls, and 2-4 feet bls. A summary of the results is provided below.

4.2.1 VOCs

Only one (1) soil sample, SB-6 at 0-0.5 ft bls, had a detection of methylene chloride exceeding the leachability to groundwater (L-GW) criteria. Stantec collected step-out samples around soil boring SB-6 to delineate the extent of the methylene chloride. Analysis of these step-out samples indicated that the



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methylene chloride did not extend beyond soil boring SB-6. All other samples did not have VOCs exceeding their applicable SCTLs.

4.2.2 Metals

The majority of the soil samples collected at the 0-0.5 feet bls interval indicated arsenic and other metals exceeds their respective residential direct exposure SCTL (R-SCTL), with a number of these exceedances also exceeding the commercial/industrial direct exposure SCTL (C/I-SCTL). Detections of metals in some of the samples from the 0.5-2 feet bls interval also exceeded the leachability to groundwater (L-GW) criteria or the R-SCTL, but there were no detections exceeding the L-GW criteria in the 2-4 feet bls samples. These results are consistent with the conceptual site model, as metals are a common contaminant from railroads.

4.2.3 PAHs

Laboratory analyses of the soil samples SB-2 and SB-7 (and associated step-out samples) indicated that benzo(a)pyrene (BaP) and related constituents are present at concentrations exceeding the R-SCTLs. These compounds were input into the FDEP BaP Conversion Table calculator, and the results indicate that a number of the samples exceed the R-SCTL and/or the C/I-SCTL. All other samples did not yield detections of PAHs exceeding the L-GW criteria.

4.2.4 TRPH

Soil samples were collected for analysis of TRPH at soil boring SB-6. Only the 0-0.5 feet bls sample indicated an exceedance of the C/I-SCTL. To further evaluate the actual impact of TRPH in this area, Stantec requested the laboratory perform a speciation of the sample. The results from this task indicated that no aromatic or aliphatic hydrocarbon chain compounds exceeded the respective SCTL, and thus, no further evaluation is required for TRPH.

Soil sampling results are depicted on **Figures 4** through **7** and summarized on **Tables 1a** through **1d**. Soil field screening results are noted in field logs included as **Appendix A**.

4.3 GROUNDWATER ASSESSMENT RESULTS

In the February 2023 Phase II ESA, the groundwater sample from temporary monitoring well TMW-3 yielded a detection of dibenzo(a,h)anthracene exceeding the GCTL. Stantec collected a confirmation sample (TMW-3C) from temporary monitoring well TMW-3. The results indicated that dibenzo(a,h)anthracene was present, as well as indeno(1,2,3-cd)pyrene. Both compounds are consistent from the results of a former coal burning pit that was present on the site. Step-out temporary monitoring wells TMW-7, TMW-8, and TMW-9 do not show concentrations exceeding the GCTL and thus, the compound is delineated in groundwater. No other sample locations (including the deep groundwater sampling location GWP-1) indicated detections of constituents of concern exceeding the GCTL. A comparison of the laboratory analytical results of the collected groundwater samples to GCTLs is depicted on **Figure 8** and presented on **Tables 2b** and **2c**.



4.4 LABORATORY ANALYSES QUALITY CONTROL (QC) OBSERVATIONS AND INTERPRETATIONS

No significant QA/QC issues were encountered by the laboratory. All samples were received in good condition, with all spikes and surrogates were recovered within established limits; and all method-specified holding times were met. Minor exceptions noted on select quality control batch samples were primarily attributed to matrix interference and did not affect data quality or usability.

Laboratory Analytical Reports are included as **Appendix C**.



5.0 CONCLUSION AND RECOMMENDATION

Based on the site assessment activities conducted by Stantec in September, October, and November 2023, soil and groundwater contamination were identified and confirmed in relation to the RECs identified in the December 2022 Phase I ESA and reported in the February 2023 Phase II ESA. The City of Homestead desires to redevelop the Triangle Properties site into a mixed residential and commercial area with open greenspace for the area. The nature and extent of the soil and groundwater contamination needs to be defined and remediated prior to redevelopment activities. Stantec recommends that a discussion with the City of Homestead be conducted to review the data, discuss potential reporting obligations to the FDEP and/or DERM, and the future land use of the Triangle Properties.



FIGURES



LEGEND

- APPROXIMATE SITE BOUNDARY
- EXISTING SOIL BORING
- CO-LOCATED POINT (WATER AND SOIL)

SB-6N-1	SAMPLE NAME
10/4/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
2.60	ARSENIC, mg/kg
60	BARIUM, mg/kg
0.79	CADMIUM, mg/kg
13	CHROMIUM, mg/kg
110	LEAD, mg/kg
0.14	MERCURY, mg/kg

BOLD INDICATES THE ANALYTE WAS DETECTED
NS = NOT SAMPLED

 Indicates concentration exceeds FDEP Chapter 62-777, FAC 4/17/2005 Table II Soil Cleanup Target Level For Leachability Based on Groundwater Criteria

 Indicates concentration exceeds FDEP Chapter 62-777, FAC 4/17/2005, Table II Soil Cleanup Target Level For Direct Exposure (DE) Residential

 Indicates concentration exceeds FDEP Chapter 62-777, FAC 4/17/2005, Table II Soil Cleanup Target Level For Direct Exposure (DE) Commercial/Industrial

SB-4W	SB-4W-1	SB-4W-2	SB-4W-3	SB-4W-4
9/8/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
15	46	2.2	1.30	2.8
340	2100	12	18	6.9
NS	12	0.39	0.3	0.1
91	180	7.9	8.7	6.7
1700	1800	60	61	21
2.5	3.3	0.14	0.14	0.14

SB-3W	SB-3W	SB-3W	SB-3W-1	SB-3W-2
9/8/2023	9/8/2023	9/8/2023	10/5/2023	10/5/2023
0-0.5	0.5-2	2-4	0-0.5	0-0.5
29	0.82	0.24	5.20	2
66	NS	NS	190	26
NS	NS	NS	5.4	0.71
51	NS	NS	33	17
190	NS	NS	690	47
NS	NS	NS	0.96	0.47

SB-3S	SB-3S	SB-3S	SB-3S-1	SB-3S-2
9/8/2023	9/8/2023	9/8/2023	10/5/2023	10/5/2023
0-0.5	0.5-2	2-4	0-0.5	0-0.5
19	1.80	0.49	10	11
290	NS	NS	120	140
NS	NS	NS	5.3	13
89	NS	NS	52	49
1200	NS	NS	370	920
NS	NS	NS	1.3	2.3

SB-7W	SB-7W	SB-7W
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
8.50	6.40	4.60
100	61	55
2.80	2.3	0.28
54	37	42
270	140	21
0.68	0.93	0.34

SB-7N	SB-7N	SB-7N
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
5.80	2.80	0.28
120	57	10
6.30	1.1	0.12
36	33	3.9
790	150	1.5
0.73	0.41	0.16

SB-7S	SB-7S	SB-7S
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
3.80	6.90	0.41
32	200	8.7
1.10	0.89	0.12
25	110	5.7
150	95	1.1
0.26	0.37	0.16

SB-7E	SB-7E	SB-7E
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
2.10	6.70	0.99
12	47	15
4.90	1.1	0.11
11	11	12
270	150	14
0.15	0.14	0.15

SB-2W	SB-2W-1	SB-2W-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
7.1	3.2	4.4
NS	47	27
NS	0.59	0.62
NS	18	35
NS	110	140
NS	0.17	0.58

SB-2N	SB-2N-1	SB-2N-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
4.500	6.30	17.00
NS	70	170
NS	2	3.5
NS	34	42
NS	130	430
NS	0.35	1.1

SB-2S	SB-2S-1	SB-2S-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
6.9	6.5	1.9
NS	15	16
NS	1.2	0.41
NS	13	14
NS	57	53
NS	0.15	0.14

SB-7	SB-7	SB-7
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
5.70	6.70	0.44
81	71	12
2.60	2.6	0.12
39	33	5
520	500	7.7
0.68	0.59	0.15

SB-3E	SB-3E	SB-3E
9/8/2023	9/8/2023	9/8/2023
0-0.5	0.5-2	2-4
8.50	6.00	0.37
120	NS	NS
NS	NS	NS
50	NS	NS
530	NS	NS
NS	NS	NS

SB-3E-1	SB-3E-1	SB-3E-2	SB-3E-2
10/5/2023	10/5/2023	10/5/2023	10/5/2023
0-0.5	0.5-2	0-0.5	0.5-2
6.20	1.40	2	7.20
61	14	19	200
2.5	0.17	0.59	0.68
37	11	12	70
280	32	240	130
0.92	0.17	0.16	1.8

SB-3N	SB-3N	SB-3N
9/8/2023	9/8/2023	9/8/2023
0-0.5	0.5-2	2-4
7.90	5.20	1.50
72	NS	NS
NS	NS	NS
41	NS	NS
150	NS	NS
NS	NS	NS

SB-3N-1	SB-3N-1	SB-3N-2	SB-3N-2
10/5/2023	10/5/2023	10/5/2023	10/5/2023
0-0.5	0.5-2	0-0.5	0.5-2
22	1.70	47	3.40
250	17	260	32
9.9	0.27	15	0.48
120	12	95	21
730	31	1100	58
5.9	0.35	3.3	0.75

SB-6N-1	SB-6N-1	SB-6N-1
10/4/2023	10/4/2023	10/4/2023
0-0.5	0-0.5	0-0.5
27	0.62	19
92	0.21	27
0.15	0.14	0.15

SB-6	SB-6	SB-6
9/7/2023	9/7/2023	9/7/2023
0-0.5	0.5-2	2-4
8.90	1.30	0.48
NS	NS	NS
27	11	4.6
97	33	7.5
0.15	0.14	0.15

SB-6W-1	SB-6W-2
10/4/2023	10/4/2023
0-0.5	0-0.5
9.00	8.40
100	130
3.4	3.9
89	83
210	350
0.94	0.93

SB-5N	SB-5N-1	SB-5N-2
9/7/2023	10/4/2023	10/4/2023
0-0.5	0-0.5	0-0.5
36	40	37
NS	810	190
NS	17	9.6
NS	160	92
NS	1100	800
NS	7.6	1.6

SB-5W	SB-5W-1	SB-5W-2	SB-5W-3	SB-5W-4
9/7/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023
0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
19	110	27	39	5
NS	600	690	440	68
NS	17	15	19	4.2
NS	110	67	76	23
NS	1400	100	1300	140
NS	2.8	1.8	1.7	0.93

SB-5E	SB-5E-1	SB-5E-2
9/7/2023	10/4/2023	10/4/2023
0-0.5	0-0.5	0-0.5
11	6.40	2.80
NS	35	16
NS	2.8	0.58
NS	29	13
NS	260	65
NS	0.28	0.14

SB-5S	SB-5S-1	SB-5S-2
9/7/2023	10/4/2023	10/4/2023
0-0.5	0-0.5	0-0.5
17	15	6.10
NS	32	46
NS	1.4	2.2
NS	26	25
NS	180	240
NS	0.47	0.42

SB-4S	SB-4S-1	SB-4S-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
4.90	7.80	1.70
250	140	10
NS	3.8	0.25
34	28	8.6
700	370	50
1.3	0.58	0.14

SB-4N	SB-4N-1	SB-4N-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
6.5	1.1	1.4
120	19	9.8
NS	0.27	0.13
29	9.8	7.9
440	29	14
0.17	0.14	0.16

SB-4E	SB-4E-1	SB-4E-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
4.90	7.80	1.70
250	140	10
NS	3.8	0.25
34	28	8.6
700	370	50
1.3	0.58	0.14

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

SB-2E	SB-2E	SB-2E
9/7/2023	9/7/2023	9/7/2023
0-0.5	0-0.5	0-0.5
3.90	NS	NS
NS	NS	NS

NOTES:
SITE BOUNDARY IS THE APPROXIMATE SITE BOUNDARY.
SOURCE: GIS FIELD MAP (FOR REFERENCE PURPOSES ONLY, NOT A MAP OF SURVEY)

FT bls = FEET BELOW LAND SURFACE
ARSENIC DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 12 mg/kg
ARSENIC DIRECT EXPOSURE RESIDENTIAL R-SCTL = 2.1 mg/kg

BARIUM DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 130,000 mg/kg
BARIUM DIRECT EXPOSURE RESIDENTIAL R-SCTL = 120 mg/kg
BARIUM GROUNDWATER LEACHABILITY SCTL = 1,600 mg/kg

CADMIUM DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 1,700 mg/kg
CADMIUM DIRECT EXPOSURE RESIDENTIAL R-SCTL = 82 mg/kg
CADMIUM GROUNDWATER LEACHABILITY SCTL = 7.5 mg/kg

CHROMIUM DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 470 mg/kg
CHROMIUM DIRECT EXPOSURE RESIDENTIAL R-SCTL = 210 mg/kg
CHROMIUM GROUNDWATER LEACHABILITY SCTL = 38 mg/kg

LEAD DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 1,400 mg/kg
LEAD DIRECT EXPOSURE RESIDENTIAL R-SCTL = 400 mg/kg
MERCURY DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 17 mg/kg
MERCURY DIRECT EXPOSURE RESIDENTIAL R-SCTL = 3 mg/kg
MERCURY GROUNDWATER LEACHABILITY SCTL = 2.1 mg/kg

2024/02/16 4:48:37 PM
 2024/02/16 4:48:37 PM
 ORIGINAL SHEET - ANS1.D

S MIAMI-DADE BUSWAY
SW 4TH ST

SW

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXISTING SOIL BORING
- CO-LOCATED POINT (WATER AND SOIL)

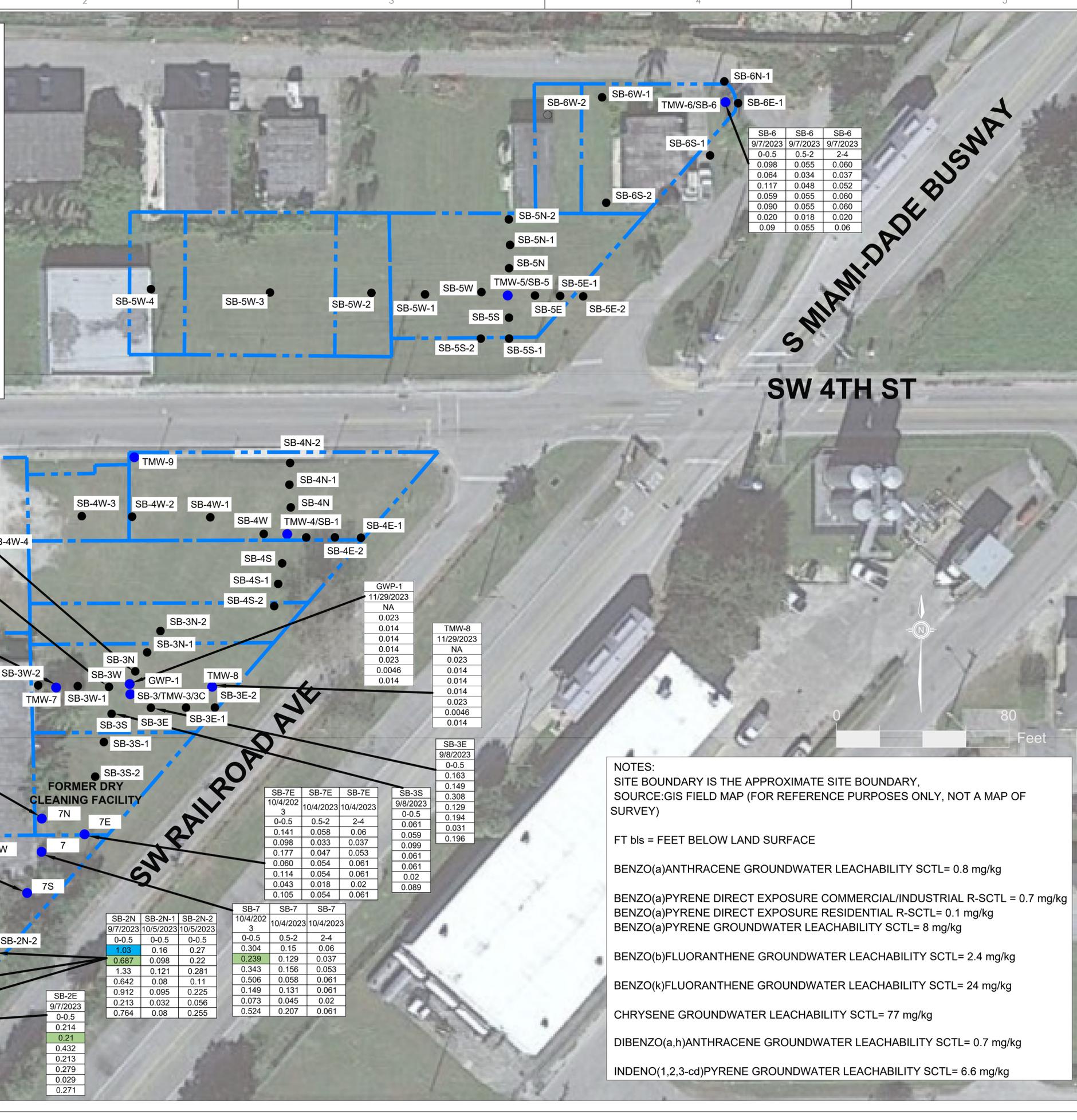
SB-3N	SAMPLE NAME
9/8/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.083	BENZO(a)ANTHRACENE, mg/kg
0.054	BENZO(a)PYRENE, mg/kg
0.099	BENZO(b)FLUORANTHENE, mg/kg
0.058	BENZO(k)FLUORANTHENE, mg/kg
0.061	CHRYSENE, mg/kg
0.019	DIBENZO(a,h)ANTHRACENE, mg/kg
0.067	INDENO(1,2,3-cd)PYRENE, mg/kg

BOLD INDICATES THE ANALYTE WAS DETECTED
NS = NOT SAMPLED

 Indicates concentration exceeds FDEP Chapter 62-777, FAC 4/17/2005 Table II Soil Cleanup Target Level For Leachability Based on Groundwater Criteria

 Indicates concentration exceeds FDEP Chapter 62-777, FAC 4/17/2005, Table II Soil Cleanup Target Level For Direct Exposure (DE) Residential

 Indicates concentration exceeds FDEP Chapter 62-777, FAC 4/17/2005, Table II Soil Cleanup Target Level For Direct Exposure (DE) Commercial/Industrial



SB-6	SB-6	SB-6
9/7/2023	9/7/2023	9/7/2023
0-0.5	0.5-2	2-4
0.098	0.055	0.060
0.064	0.034	0.037
0.117	0.048	0.052
0.059	0.055	0.060
0.090	0.055	0.060
0.020	0.018	0.020
0.09	0.055	0.06

SB-3N	SAMPLE NAME
9/8/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.083	BENZO(a)ANTHRACENE, mg/kg
0.054	BENZO(a)PYRENE, mg/kg
0.099	BENZO(b)FLUORANTHENE, mg/kg
0.058	BENZO(k)FLUORANTHENE, mg/kg
0.061	CHRYSENE, mg/kg
0.019	DIBENZO(a,h)ANTHRACENE, mg/kg
0.067	INDENO(1,2,3-cd)PYRENE, mg/kg

SB-3W	SAMPLE NAME
9/8/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.132	BENZO(a)ANTHRACENE, mg/kg
0.093	BENZO(a)PYRENE, mg/kg
0.174	BENZO(b)FLUORANTHENE, mg/kg
0.090	BENZO(k)FLUORANTHENE, mg/kg
0.109	CHRYSENE, mg/kg
0.02	DIBENZO(a,h)ANTHRACENE, mg/kg
0.154	INDENO(1,2,3-cd)PYRENE, mg/kg

SB-7W	SB-7W	SB-7W
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
1.40	0.826	0.059
1.250	0.765	0.036
2.28	1.33	0.051
0.796	0.338	0.059
1.700	0.979	0.059
0.23	0.157	0.02
1.68	1.12	0.059

SB-7N	SB-7N	SB-7N
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
0.205	0.117	0.063
0.161	0.078	0.039
0.239	0.107	0.055
0.305	0.064	0.063
0.186	0.110	0.063
0.051	0.021	0.021
0.329	0.088	0.063

TMW-7	SAMPLE NAME
11/29/2023	SAMPLE DATE
NA	SAMPLE DEPTH, FT bls
0.024	BENZO(a)ANTHRACENE, mg/kg
0.014	BENZO(a)PYRENE, mg/kg
0.014	BENZO(b)FLUORANTHENE, mg/kg
0.014	BENZO(k)FLUORANTHENE, mg/kg
0.024	CHRYSENE, mg/kg
0.0048	DIBENZO(a,h)ANTHRACENE, mg/kg
0.014	INDENO(1,2,3-cd)PYRENE, mg/kg

GWP-1	SAMPLE NAME
11/29/2023	SAMPLE DATE
NA	SAMPLE DEPTH, FT bls
0.023	BENZO(a)ANTHRACENE, mg/kg
0.014	BENZO(a)PYRENE, mg/kg
0.014	BENZO(b)FLUORANTHENE, mg/kg
0.023	BENZO(k)FLUORANTHENE, mg/kg
0.0046	CHRYSENE, mg/kg
0.014	DIBENZO(a,h)ANTHRACENE, mg/kg

TMW-8	SAMPLE NAME
11/29/2023	SAMPLE DATE
NA	SAMPLE DEPTH, FT bls
0.014	BENZO(a)ANTHRACENE, mg/kg
0.014	BENZO(a)PYRENE, mg/kg
0.014	BENZO(b)FLUORANTHENE, mg/kg
0.023	BENZO(k)FLUORANTHENE, mg/kg
0.0046	CHRYSENE, mg/kg
0.014	DIBENZO(a,h)ANTHRACENE, mg/kg

SB-7S	SB-7S	SB-7S
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
0.362	0.088	0.063
0.284	0.070	0.039
0.434	0.068	0.055
0.144	0.071	0.063
0.351	0.071	0.063
0.071	0.030	0.021
0.419	0.071	0.063

SB-3S	SAMPLE NAME
9/8/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.163	BENZO(a)ANTHRACENE, mg/kg
0.149	BENZO(a)PYRENE, mg/kg
0.308	BENZO(b)FLUORANTHENE, mg/kg
0.129	BENZO(k)FLUORANTHENE, mg/kg
0.194	CHRYSENE, mg/kg
0.031	DIBENZO(a,h)ANTHRACENE, mg/kg
0.196	INDENO(1,2,3-cd)PYRENE, mg/kg

SB-3S-1	SAMPLE NAME
9/8/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.163	BENZO(a)ANTHRACENE, mg/kg
0.149	BENZO(a)PYRENE, mg/kg
0.308	BENZO(b)FLUORANTHENE, mg/kg
0.129	BENZO(k)FLUORANTHENE, mg/kg
0.194	CHRYSENE, mg/kg
0.031	DIBENZO(a,h)ANTHRACENE, mg/kg
0.196	INDENO(1,2,3-cd)PYRENE, mg/kg

SB-7E	SB-7E	SB-7E
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
0.141	0.058	0.06
0.098	0.033	0.037
0.177	0.047	0.053
0.060	0.054	0.061
0.114	0.054	0.061
0.043	0.018	0.02
0.105	0.054	0.061

SB-3S	SAMPLE NAME
9/8/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.129	BENZO(a)ANTHRACENE, mg/kg
0.194	BENZO(a)PYRENE, mg/kg
0.061	BENZO(b)FLUORANTHENE, mg/kg
0.02	BENZO(k)FLUORANTHENE, mg/kg
0.089	CHRYSENE, mg/kg

SB-2W	SB-2W-1	SB-2W-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
0.786	2.10	2.88
0.568	1.28	1.88
1.03	1.95	2.82
0.536	0.705	1.02
0.664	1.65	2.34
0.127	0.296	0.342
0.616	1.61	2.26

SB-2N	SB-2N-1	SB-2N-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
1.03	0.16	0.27
0.687	0.098	0.22
1.33	0.121	0.281
0.642	0.08	0.11
0.912	0.095	0.225
0.213	0.032	0.056
0.764	0.08	0.255

SB-7	SB-7	SB-7
10/4/2023	10/4/2023	10/4/2023
0-0.5	0.5-2	2-4
0.304	0.15	0.06
0.239	0.129	0.037
0.343	0.156	0.053
0.506	0.058	0.061
0.149	0.131	0.061
0.073	0.045	0.02
0.524	0.207	0.061

SB-2S	SB-2S-1	SB-2S-2
9/7/2023	10/5/2023	10/5/2023
0-0.5	0-0.5	0-0.5
0.485	0.208	0.105
0.475	0.138	0.081
0.844	0.176	0.097
0.381	0.097	0.056
0.581	0.161	0.098
0.098	0.033	0.024
0.506	0.159	0.077

SB-2E	SAMPLE NAME
9/7/2023	SAMPLE DATE
0-0.5	SAMPLE DEPTH, FT bls
0.214	BENZO(a)ANTHRACENE, mg/kg
0.213	BENZO(a)PYRENE, mg/kg
0.279	BENZO(b)FLUORANTHENE, mg/kg
0.029	BENZO(k)FLUORANTHENE, mg/kg
0.271	CHRYSENE, mg/kg

NOTES:
 SITE BOUNDARY IS THE APPROXIMATE SITE BOUNDARY,
 SOURCE: GIS FIELD MAP (FOR REFERENCE PURPOSES ONLY, NOT A MAP OF SURVEY)

FT bls = FEET BELOW LAND SURFACE

BENZO(a)ANTHRACENE GROUNDWATER LEACHABILITY SCTL= 0.8 mg/kg

BENZO(a)PYRENE DIRECT EXPOSURE COMMERCIAL/INDUSTRIAL R-SCTL = 0.7 mg/kg
 BENZO(a)PYRENE DIRECT EXPOSURE RESIDENTIAL R-SCTL= 0.1 mg/kg
 BENZO(a)PYRENE GROUNDWATER LEACHABILITY SCTL= 8 mg/kg

BENZO(b)FLUORANTHENE GROUNDWATER LEACHABILITY SCTL= 2.4 mg/kg

BENZO(k)FLUORANTHENE GROUNDWATER LEACHABILITY SCTL= 24 mg/kg

CHRYSENE GROUNDWATER LEACHABILITY SCTL= 77 mg/kg

DIBENZO(a,h)ANTHRACENE GROUNDWATER LEACHABILITY SCTL= 0.7 mg/kg

INDENO(1,2,3-cd)PYRENE GROUNDWATER LEACHABILITY SCTL= 6.6 mg/kg

Rev #	Revision Description	By	Appd	YYYY-MM-DD

Permit/Seal
 #####
 FL LICENSE No. #####

CLIENT/PROJECT
 South Florida Regional Planning Council

PROJECT NAME
 Triangle Properties Assemblage

PROJECT LOCATION
 SW Railroad Avenue Between
 SW 3rd Ct and SW 5th St, Homestead
 Miami-Dade County, Florida

Project No.: 215617767_3.72
 File Name: NEW TRIANGLE

Scale: AS SHOWN

DJD	KY	KY
Dwn.	Dgn.	Chkd.

Date: 2/1/2024

Title
 SOIL SAMPLING
 RESULTS MAP -
 Benzo(a)Pyrene Equivalents

Drawing No.

TABLES



Table 1a
Soil Analytical Summary - VOCs
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE	DE	Leachability GW (mg/kg)	SB-6 (0-0.5)		SB-6 (0.5-2)		SB-6 (2-4)	
		Residential (mg/kg)	Commercial (mg/kg)		9/7/2023	U	9/7/2023	U	9/7/2023	U
EPA 8260C										
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01	0.000778	U	0.000605	U		
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9	0.000713	U	0.000554	U		
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001	0.00117	U	0.000907	U		
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03	0.000661	U	0.000514	U		
1,1-Dichloroethane	mg/kg	390	2,100	0.4	0.00101	U	0.000786	U		
1,1-Dichloroethene	mg/kg	95	510	0.06	0.00117	U	0.000907	U		
1,1-Dichloropropene	mg/kg				0.000609	U	0.000474	U		
1,2,3-Trichlorobenzene	mg/kg	650	8200	4.6	0.00117	U	0.000907	U		
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001	0.00156	U	0.00121	U		
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3	0.00117	U	0.000907	U		
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3	0.000972	U	0.000756	U		
1,2-DBCP	mg/kg	0.7	3.8	0.001	0.00117	U	0.000907	U		
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001	0.000622	U	0.000484	U		
1,2-Dichlorobenzene	mg/kg	880	5,000	17	0.00117	U	0.000907	U		
1,2-Dichloroethane	mg/kg	0.5	0.7	0.01	0.00109	U	0.000847	U		
1,2-Dichloropropane	mg/kg	0.6	0.9	0.03	0.000778	U	0.000605	U		
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3	0.00117	U	0.000907	U		
1,3-Dichlorobenzene	mg/kg	380	2,200	7	0.00117	U	0.000907	U		
1,3-Dichloropropane	mg/kg				0.000583	U	0.000454	U		
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2	0.00117	U	0.000907	U		
2,2-Dichloropropane	mg/kg				0.000687	U	0.000534	U		
2-Chlorotoluene	mg/kg	200	1,200	2.8	0.00117	U	0.000907	U		
2-Hexanone	mg/kg	24	130	1.4	0.00149	U	0.00116	U		
4-Chlorotoluene	mg/kg	170	990	2.5	0.00117	U	0.000907	U		
4-Isopropyltoluene	mg/kg	960	5,600	NA	0.00117	U	0.000907	U		
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6	0.0007	U	0.000544	U		
Acetone	mg/kg	11,000	68,000	25	0.00403	U	0.00313	U		
Acrolein	mg/kg	0.05	0.3	0.01	0.00604	U	0.0047	U		
Acrylonitrile	mg/kg	0.3	0.6	0.0003	0.00973	U	0.00757	U		
Benzene	mg/kg	1.2	1.7	0.007	0.000596	U	0.000464	U		
Bromobenzene	mg/kg				0.00117	U	0.000907	U		
Bromochloromethane	mg/kg	95	530	0.6	0.00144	U	0.00112	U		
Bromodichloromethane	mg/kg	1.5	2.2	0.004	0.000518	U	0.000403	U		
Bromoform	mg/kg	48	93	0.03	0.000972	U	0.000756	U		
Bromomethane	mg/kg	3.1	16	0.05	0.00194	U	0.00151	U		
Carbon disulfide	mg/kg	270	1,500	5.6	0.00259	U	0.00202	U		
Carbon tetrachloride	mg/kg	0.5	0.7	0.04	0.0007	U	0.000544	U		
Chlorobenzene	mg/kg	120	650	1.3	0.000557	U	0.000433	U		
Chloroethane	mg/kg	3.9	5.4	0.06	0.000752	U	0.000585	U		
Chloroform	mg/kg	0.4	0.6	0.4	0.00855	U	0.00665	U		
Chloromethane	mg/kg	4	5.7	0.01	0.00117	U	0.000907	U		
cis-1,2-Dichloroethene	mg/kg	33	180	0.4	0.00057	U	0.000443	U		
cis-1,3-Dichloropropene	mg/kg				0.000726	U	0.000564	U		
cis-1,4-Dichloro-2-butene	mg/kg				0.00121	U	0.000937	U		
Dibromochloromethane	mg/kg	1.5	2.3	0.003	0.000739	U	0.000574	U		
Dibromomethane	mg/kg	96	550	0.3	0.00148	U	0.00115	U		
Dichlorodifluoromethane	mg/kg	77	410	44	0.000518	U	0.000403	U		
Ethyl methacrylate	mg/kg	630	3,500	3.5	0.00117	U	0.000907	U		
Ethylbenzene	mg/kg	1,500	9,200	0.6	0.000518	U	0.000403	U		
Hexachlorobutadiene	mg/kg	6.2	13	1	0.00117	U	0.000907	U		
Iodomethane	mg/kg				0.00259	U	0.00202	U		
Isopropylbenzene (Cumene)	mg/kg	220	1200	0.2	0.000518	U	0.000403	U		
m & p-xylene	mg/kg				0.000829	U	0.000645	U		
Methyl ethyl ketone (MEK)	mg/kg	16,000	110,000	17	0.00188	U	0.00146	U		
Methylene chloride	mg/kg	17	26	0.02	0.021		0.01	U		
Naphthalene	mg/kg	55	300	1.2	0.00648	U	0.00504	U		
n-Butylbenzene	mg/kg				0.00117	U	0.000907	U		
n-propylbenzene	mg/kg				0.00117	U	0.000907	U		
o-Xylene	mg/kg				0.000518	U	0.000403	U		
sec-Butylbenzene	mg/kg				0.00117	U	0.000907	U		
Styrene	mg/kg	3,600	23,000	3.6	0.00117	U	0.000907	U		

Table 1a
Soil Analytical Summary - VOCs
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE	DE	Leachability GW (mg/kg)	SB-6 (0-0.5)		SB-6 (0.5-2)		SB-6 (2-4)	
		Residential (mg/kg)	Commercial (mg/kg)		9/7/2023		9/7/2023		9/7/2023	
t-1,4-Dichloro-2-butene	mg/kg				0.00918	U	0.00714	U		
tert-Butyl methyl ether (MTBE)	mg/kg	4,400	24,000	0.09	0.00144	U	0.00112	U		
tert-Butylbenzene	mg/kg				0.00117	U	0.000907	U		
Tetrachloroethene	mg/kg	8.8	18	0.03			0.000454	U		
Toluene	mg/kg	7,500	60,000	0.5	0.0011	U	0.000857	U		
trans-1,2-Dichloroethene	mg/kg	53	290	0.7	0.00115	U	0.000897	U		
trans-1,3-Dichloropropene	mg/kg				0.00057	U	0.000443	U		
Trichloroethene	mg/kg	6.4	9.3	0.03	0.00101	U	0.000786	U		
Trichlorofluoromethane	mg/kg	270	1,500	33	0.000972	U	0.000756	U		
Vinyl acetate	mg/kg	320	1,700	0.4	0.00106	U	0.000826	U		
Vinyl chloride	mg/kg	0.2	0.8	0.007	0.00127	U	0.000988	U		
Xylenes- Total	mg/kg	130	700	0.2	0.00128	U	0.000998	U		
EPA 8260C (MEOH EXT. S)										
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01					0.024	U
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9					0.022	U
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001					0.019	U
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03					0.02	U
1,1-Dichloroethane	mg/kg	390	2,100	0.4					0.031	U
1,1-Dichloroethene	mg/kg	95	510	0.06					0.035	U
1,1-Dichloropropene	mg/kg								0.018	U
1,2,3-Trichlorobenzene	mg/kg	650	8,200	4.6					0.00549	U
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001					0.047	U
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3					0.00863	U
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3					0.011	U
1,2-DCBP	mg/kg	0.7	3.8	0.001					0.00824	U
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001					0.019	U
1,2-Dichlorobenzene	mg/kg	880	5,000	17					0.011	U
1,2-Dichloroethane	mg/kg	0.5	0.7	0.01					0.033	U
1,2-Dichloropropane	mg/kg	0.6	0.9	0.03					0.024	U
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3					0.00824	U
1,3-Dichlorobenzene	mg/kg	380	2,200	7					0.012	U
1,3-Dichloropropane	mg/kg								0.018	U
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2					0.013	U
2,2-Dichloropropane	mg/kg								0.021	U
2-Chlorotoluene	mg/kg	200	1,200	2.8					0.015	U
2-Hexanone	mg/kg	24	130	1.4					0.045	U
4-Chlorotoluene	mg/kg	170	990	2.5					0.013	U
4-Isopropyltoluene	mg/kg	960	5,600	NA					0.00942	U
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6					0.021	U
Acetone	mg/kg	11,000	68,000	25					0.122	U
Acrolein	mg/kg	0.05	0.3	0.01					0.183	U
Acrylonitrile	mg/kg	0.3	0.6	0.0003					0.295	U
Benzene	mg/kg	1.2	1.7	0.007					0.018	U
Bromobenzene	mg/kg								0.015	U
Bromochloromethane	mg/kg	95	530	0.6					0.044	U
Bromodichloromethane	mg/kg	1.5	2.2	0.004					0.014	U
Bromoform	mg/kg	48	93	0.03					0.029	U
Bromomethane	mg/kg	3.1	16	0.05					0.059	U
Carbon disulfide	mg/kg	270	1,500	5.6					0.028	U
Carbon tetrachloride	mg/kg	0.5	0.7	0.04					0.021	U
Chlorobenzene	mg/kg	120	650	1.3					0.017	U
Chloroethane	mg/kg	3.9	5.4	0.06					0.023	U
Chloroform	mg/kg	0.4	0.6	0.4					0.259	U
Chloromethane	mg/kg	4	5.7	0.01					0.027	U
cis-1,2-Dichloroethene	mg/kg	33	180	0.4					0.017	U
cis-1,3-Dichloropropene	mg/kg								0.022	U
cis-1,4-Dichloro-2-butene	mg/kg								0.036	U
Dibromochloromethane	mg/kg	1.5	2.3	0.003					0.022	U
Dibromomethane	mg/kg	96	550	0.3					0.045	U
Dichlorodifluoromethane	mg/kg	77	410	44					0.015	U
Ethyl methacrylate	mg/kg	630	3,500	3.5					0.014	U
Ethylbenzene	mg/kg	1,500	9,200	0.6					0.013	U

Table 1a
Soil Analytical Summary - VOCs
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential	DE Commercial	Leachability GW	SB-6 (0-0.5)	SB-6 (0.5-2)	SB-6 (2-4)	
		(mg/kg)	(mg/kg)	(mg/kg)	9/7/2023	9/7/2023	9/7/2023	
Hexachlorobutadiene	mg/kg	6.2	13	1			0.00863	U
Iodomethane	mg/kg						0.078	U
Isopropylbenzene (Cumene)	mg/kg	220	1,200	0.2			0.013	U
m & p-xylene	mg/kg						0.025	U
Methyl ethyl ketone (MEK)	mg/kg	16,000	110,000	17			0.057	U
Methylene chloride	mg/kg	17	26	0.02			0.392	U
Naphthalene	mg/kg	55	300	1.2			0.196	U
n-Butylbenzene	mg/kg						0.01	U
n-propylbenzene	mg/kg						0.012	U
o-Xylene	mg/kg						0.014	U
sec-Butylbenzene	mg/kg						0.00903	U
Styrene	mg/kg	3,600	23,000	3.6			0.012	U
t-1,4-Dichloro-2-butene	mg/kg						0.278	U
tert-Butyl methyl ether (MTBE)	mg/kg	4,400	24,000	0.09			0.044	U
tert-Butylbenzene	mg/kg						0.011	U
Tetrachloroethene	mg/kg	8.8	18	0.03			0.018	U
Toluene	mg/kg	7,500	60,000	0.5			0.016	U
trans-1,2-Dichloroethene	mg/kg	53	290	0.7			0.035	U
trans-1,3-Dichloropropene	mg/kg						0.017	U
Trichloroethene	mg/kg	6.4	9.3	0.03			0.031	U
Trichlorofluoromethane	mg/kg	270	1,500	33			0.029	U
Vinyl acetate	mg/kg	320	1,700	0.4			0.032	U
Vinyl chloride	mg/kg	0.2	0.8	0.007			0.038	U
Xylenes- Total	mg/kg	130	700	0.2			0.039	U

Notes:

SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DE Residential (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Residential
DE Commercial (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Commercial
Leachability GW (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
U = Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).
Bold Bold results denote analyte was detected above the laboratory method detection limit
N/C N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.'
Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1b
Soil Analytical Summary - Metals, PAHs, TRPH
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential (mg/kg)	DE Commercial (mg/kg)	Leachability GW (mg/kg)	SB-2N (0-0.5)	SB-2S (0-0.5)	SB-2E (0-0.5)	SB-2W (0-0.5)	SB-3N (0-0.5)	SB-3N (0.5-2)	SB-3N (2-4)	SB-3S (0-0.5)	SB-3S (0.5-2)	SB-3S (2-4)	SB-3E (0-0.5)	SB-3E (0.5-2)	SB-3E (2-4)	
					9/7/2023	9/7/2023	9/7/2023	9/7/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023	9/8/2023
EPA 6020																		
Arsenic	mg/kg	2.1	12	***	4.5	6.9	3.9	7.1	7.9	5.2	1.5	19	1.8	0.49	8.5	6	0.37	
Barium	mg/kg	120	130,000	1,600					72			290			120			
Chromium	mg/kg	210	470	38					41			89			50			
Lead	mg/kg	400	1,400	***					150			1200			530			
Mercury	mg/kg	3	17	2.1														
EPA 8310 List by 8270E SIM (S)																		
1-Methylnaphthalene	mg/kg	200	1,800	3.1	0.202	U	0.194	U	0.172	U	0.203	U	0.195	U	0.202	U	0.192	U
2-Methylnaphthalene	mg/kg	210	2,100	8.5	0.202	U	0.194	U	0.172	U	0.203	U	0.195	U	0.202	U	0.192	U
Acenaphthene	mg/kg	2,400	20,000	2.1	0.164	I	0.097	U	0.086	U	0.107	I	0.097	U	0.101	U	0.096	U
Acenaphthylene	mg/kg	1,800	20,000	27	0.101	U	0.097	U	0.086	U	0.101	U	0.097	U	0.101	U	0.096	U
Anthracene	mg/kg	21,000	300,000	2,500	0.418		0.126	I	0.086	U	0.229	I	0.097	U	0.101	U	0.096	U
Benzo(a)anthracene	mg/kg	#	#	0.8	1.03		0.485		0.214		0.786		0.083	I	0.061	U	0.163	I
Benzo(a)pyrene	mg/kg	0.1	0.7	8	0.687		0.457		0.21		0.568		0.054	I	0.059	I	0.149	I
Benzo(b)fluoranthene	mg/kg	#	#	2.4	1.33		0.844		0.432		1.03		0.099	I	0.099	I	0.308	I
Benzo(g,h,i)perylene	mg/kg	2,500	52,000	32,000	0.602		0.602		0.207		0.449		0.059	I	0.081	I	0.164	I
Benzo(k)fluoranthene	mg/kg	#	#	24	0.642		0.381		0.213		0.536		0.058	U	0.061	U	0.129	I
Chrysene	mg/kg	#	#	77	0.912		0.581		0.279		0.664		0.061	I	0.061	U	0.194	I
Dibenzo(a,h)anthracene	mg/kg	#	#	0.7	0.213	I	0.098	I	0.029	I	0.127	I	0.019	U	0.02	U	0.031	I
Fluoranthene	mg/kg	3,200	59,000	1,200	2.26		1.03		0.424		1.68		0.112	I	0.101	U	0.279	I
Fluorene	mg/kg	2,600	33,000	160	0.107	I	0.097	U	0.086	U	0.101	U	0.097	U	0.101	U	0.096	U
Indeno(1,2,3-cd)pyrene	mg/kg	#	#	6.6	0.764		0.506		0.271		0.616		0.067	I	0.089	I	0.196	I
Naphthalene	mg/kg	55	300	1.2	0.202	U	0.194	U	0.172	U	0.203	U	0.195	U	0.202	U	0.192	U
Phenanthrene	mg/kg	2,200	36,000	250	1.44		0.407		0.172	U	0.942		0.195	U	0.202	U	0.192	U
Pyrene	mg/kg	2,400	45,000	880	1.83		0.918		0.4		1.34		0.098	I	0.101	U	0.25	I
FL-PRO (GC)																		
TRPH	mg/kg	460	2,700	340														
TPHCWG																		
Aromatic (>C05-C07)	mg/kg	340	1,800	34														
Aromatic (>C07-C08)	mg/kg	490	3,700	59														
Aromatic (>C08-C10)	mg/kg	460	2,700	340														
Aromatic (>C10-C12)	mg/kg	900	5,900	520														
Aromatic (>C12-C16)	mg/kg	1,500	12,000	1,000														
Aromatic (>C16-C21)	mg/kg	1,300	11,000	3,200														
Aromatic (>C21-C35)	mg/kg	2,300	40,000	25,000														
Aliphatic (>C05-C06)	mg/kg	6,200	33,000	470														
Aliphatic (>C06-C08)	mg/kg	8,700	46,000	1,300														
Aliphatic (>C08-C10)	mg/kg	850	4,800	7,000														
Aliphatic (>C10-C12)	mg/kg	1,700	10,000	51,000														
Aliphatic (>C12-C16)	mg/kg	2,900	21,000	*														
Aliphatic (>C16-C35)	mg/kg	42,000	280,000	*														

Notes:
SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DER indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE)
DEC indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE)
Leach GW indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
U = Indicates that the compound was analyzed for but not detected above the method detection limit
* = Not a health concern for this exposure scenario.
Bold results denote analyte was detected above the laboratory method detection limit
N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.
Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1b
Soil Analytical Summary - Metals, PAHs, TRPH
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential (mg/kg)	DE Commercial (mg/kg)	Leachability GW (mg/kg)	SB-3W (0-0.5)	SB-3W (0.5-2)	SB-3W (2-4)	SB-4N (0-0.5)	SB-4S (0-0.5)	SB-4E (0-0.5)	SB-4W (0-0.5)	SB-5N (0-0.5)	SB-5S (0-0.5)	SB-5E (0-0.5)	SB-5W (0-0.5)	
					9/8/2023	9/8/2023	9/8/2023	9/7/2023	9/7/2023	9/7/2023	9/7/2023	9/7/2023	9/7/2023	9/7/2023		
EPA 6020																
Arsenic	mg/kg	2.1	12	***	29	0.82	0.24	I	6.5	21	4.9	15	36	17	11	19
Barium	mg/kg	120	130,000	1,600	66				120	460	250	340				
Chromium	mg/kg	210	470	38	51				29	75	34	91				
Lead	mg/kg	400	1,400	***	190				440	2000	700	1700				
Mercury	mg/kg	3	17	2.1					0.17	4.7	1.3	2.5				
EPA 8310 List by 8270E SIM (S)																
1-Methylnaphthalene	mg/kg	200	1,800	3.1	0.198	U										
2-Methylnaphthalene	mg/kg	210	2,100	8.5	0.198	U										
Acenaphthene	mg/kg	2,400	20,000	2.1	0.099	U										
Acenaphthylene	mg/kg	1,800	20,000	27	0.099	U										
Anthracene	mg/kg	21,000	300,000	2,500	0.099	U										
Benzo(a)anthracene	mg/kg	#	#	0.8	0.132	I										
Benzo(a)pyrene	mg/kg	0.1	0.7	8	0.093	I										
Benzo(b)fluoranthene	mg/kg	#	#	2.4	0.174	I										
Benzo(g,h,i)perylene	mg/kg	2,500	52,000	32,000	0.152	I										
Benzo(k)fluoranthene	mg/kg	#	#	24	0.09	I										
Chrysene	mg/kg	#	#	77	0.109	I										
Dibenzo(a,h)anthracene	mg/kg	#	#	0.7	0.02	U										
Fluoranthene	mg/kg	3,200	59,000	1,200	0.199	I										
Fluorene	mg/kg	2,600	33,000	160	0.099	U										
Indeno(1,2,3-cd)pyrene	mg/kg	#	#	6.6	0.154	I										
Naphthalene	mg/kg	55	300	1.2	0.198	U										
Phenanthrene	mg/kg	2,200	36,000	250	0.198	U										
Pyrene	mg/kg	2,400	45,000	880	0.173	I										
FL-PRO (GC)																
TRPH	mg/kg	460	2,700	340												
TPHCWG																
Aromatic (>C05-C07)	mg/kg	340	1,800	34												
Aromatic (>C07-C08)	mg/kg	490	3,700	59												
Aromatic (>C08-C10)	mg/kg	460	2,700	340												
Aromatic (>C10-C12)	mg/kg	900	5,900	520												
Aromatic (>C12-C16)	mg/kg	1,500	12,000	1,000												
Aromatic (>C16-C21)	mg/kg	1,300	11,000	3,200												
Aromatic (>C21-C35)	mg/kg	2,300	40,000	25,000												
Aliphatic (>C05-C06)	mg/kg	6,200	33,000	470												
Aliphatic (>C06-C08)	mg/kg	8,700	46,000	1,300												
Aliphatic (>C08-C10)	mg/kg	850	4,800	7,000												
Aliphatic (>C10-C12)	mg/kg	1,700	10,000	51,000												
Aliphatic (>C12-C16)	mg/kg	2,900	21,000	*												
Aliphatic (>C16-C35)	mg/kg	42,000	280,000	*												

Notes:
SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DER indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE)
DEC indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE)
Leach GW indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
U = Indicates that the compound was analyzed for but not detected above the method detection limit
* = Not a health concern for this exposure scenario.
Bold results denote analyte was detected above the laboratory method detection limit
N/C N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.
Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1b
Soil Analytical Summary - Metals, PAHs, TRPH
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential (mg/kg)	DE Commercial (mg/kg)	Leachability GW (mg/kg)	SB-6 (0-0.5)	SB-6 (0.5-2)	SB-6 (2-4)	Dup-SB-01	Dup-SB-02		
					9/7/2023	9/7/2023	9/7/2023	9/8/2023	9/8/2023		
EPA 6020											
Arsenic	mg/kg	2.1	12	***	8.9		1.3	0.48	I	0.86	0.71
Barium	mg/kg	120	130,000	1,600							
Chromium	mg/kg	210	470	38	27		11	4.6			
Lead	mg/kg	400	1,400	***	97		33	7.5			
Mercury	mg/kg	3	17	2.1	0.15	U	0.14	U	0.15	U	
EPA 8310 List by 8270E SIM (S)											
1-Methylnaphthalene	mg/kg	200	1,800	3.1	0.195	U	0.183	U	0.2	U	
2-Methylnaphthalene	mg/kg	210	2,100	8.5	0.195	U	0.183	U	0.2	U	
Acenaphthene	mg/kg	2,400	20,000	2.1	0.098	U	0.092	U	0.1	U	
Acenaphthylene	mg/kg	1,800	20,000	27	0.098	U	0.092	U	0.1	U	
Anthracene	mg/kg	21,000	300,000	2,500	0.098	U	0.092	U	0.1	U	
Benzo(a)anthracene	mg/kg	#	#	0.8	0.098	I	0.055	U	0.06	U	
Benzo(a)pyrene	mg/kg	0.1	0.7	8	0.064	I	0.034	U	0.037	U	
Benzo(b)fluoranthene	mg/kg	#	#	2.4	0.117	I	0.048	U	0.052	U	
Benzo(g,h,i)perylene	mg/kg	2,500	52,000	32,000	0.076	I	0.055	U	0.06	U	
Benzo(k)fluoranthene	mg/kg	#	#	24	0.059	U	0.055	U	0.06	U	
Chrysene	mg/kg	#	#	77	0.09	I	0.055	U	0.06	U	
Dibenzo(a,h)anthracene	mg/kg	#	#	0.7	0.02	U	0.018	U	0.02	U	
Fluoranthene	mg/kg	3,200	59,000	1,200	0.188	I	0.092	U	0.1	U	
Fluorene	mg/kg	2,600	33,000	160	0.098	U	0.092	U	0.1	U	
Indeno(1,2,3-cd)pyrene	mg/kg	#	#	6.6	0.086	I	0.055	U	0.06	U	
Naphthalene	mg/kg	55	300	1.2	0.195	U	0.183	U	0.2	U	
Phenanthrene	mg/kg	2,200	36,000	250	0.195	U	0.183	U	0.2	U	
Pyrene	mg/kg	2,400	45,000	880	0.167	I	0.092	U	0.1	U	
FL-PRO (GC)											
TRPH	mg/kg	460	2,700	340	2,860		299	15.4	U		
TPHCWG											
Aromatic (>C05-C07)	mg/kg	340	1,800	34	27.8	U					
Aromatic (>C07-C08)	mg/kg	490	3,700	59	50.1	U					
Aromatic (>C08-C10)	mg/kg	460	2,700	340	50.1	U					
Aromatic (>C10-C12)	mg/kg	900	5,900	520	50.1	U					
Aromatic (>C12-C16)	mg/kg	1,500	12,000	1,000	50.1	U					
Aromatic (>C16-C21)	mg/kg	1,300	11,000	3,200	50.1	U					
Aromatic (>C21-C35)	mg/kg	2,300	40,000	25,000	135						
Aliphatic (>C05-C06)	mg/kg	6,200	33,000	470	50.1	U					
Aliphatic (>C06-C08)	mg/kg	8,700	46,000	1,300	50.1	U					
Aliphatic (>C08-C10)	mg/kg	850	4,800	7,000	50.1	U					
Aliphatic (>C10-C12)	mg/kg	1,700	10,000	51,000	50.1	U					
Aliphatic (>C12-C16)	mg/kg	2,900	21,000	*	50.1	U					
Aliphatic (>C16-C35)	mg/kg	42,000	280,000	*	262						

Notes:
SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DER indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE)
DEC indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE)
Leach GW indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
U = Indicates that the compound was analyzed for but not detected above the method detection limit
* = Not a health concern for this exposure scenario.
Bold results denote analyte was detected above the laboratory method detection limit
N/C N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.
Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential (mg/kg)	DE Commercial (mg/kg)	Leachability GW (mg/kg)	SB-2N-1 (0-0.5)	SB-2N-2 (0-0.5)	SB-2S-1 (0-0.5)	SB-2S-2 (0-0.5)	SB-2W-1 (0-0.5)	SB-2W-2 (0-0.5)	SB-3N-1 (0-0.5)	SB-3N-1 (0.5-2)	SB-3N-2 (0-0.5)	SB-3N-2 (0.5-2)	SB-3E-1 (0-0.5)	SB-3E-1 (0.5-2)	SB-3E-2 (0-0.5)	SB-3E-2 (0.5-2)	SB-3W-1 (0-0.5)	SB-3W-2 (0-0.5)	SB-3S-1 (0-0.5)	SB-3S-2 (0-0.5)
					10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023
EPA 6020																						
Arsenic	mg/kg	2.1	12	***	6.3	17	6.5	1.9	3.2	4.4	22	1.7	47	3.4	6.2	1.4	2	7.2	5.2	2	10	11
Barium	mg/kg	120	130,000	1,600	70	170	15	16	47	27	250	17	260	32	61	14	19	200	190	26	120	140
Cadmium	mg/kg	82	1,700	7.5	2	3.5	1.2	0.41	0.59	0.62	9.9	0.27	15	0.48	2.5	0.17	0.59	0.68	5.4	0.71	5.3	13
Chromium	mg/kg	210	470	38	34	42	13	14	18	35	120	12	95	21	37	11	12	70	33	17	52	49
Lead	mg/kg	400	1,400	***	130	430	57	53	110	140	730	31	1,100	58	280	32	240	130	690	47	370	920
Mercury	mg/kg	3	17	2.1	0.35	1.1	0.15	0.14	0.17	0.58	5.9	0.35	3.3	0.75	0.92	0.17	0.16	1.8	0.96	0.47	1.3	2.3
Selenium	mg/kg	440	11,000	5.2	0.74	0.77	0.57	0.54	0.54	0.58	1.8	0.58	0.82	0.56	0.64	0.64	0.6	1.5	0.63	0.6	1	0.88
Silver	mg/kg	410	8,200	17	0.47	1	0.36	0.34	0.35	0.37	2.1	0.37	1.2	0.36	0.48	0.41	0.39	0.37	0.53	0.39	0.58	0.62
EPA 8260C																						
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01																		
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9																		
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001																		
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03																		
1,1-Dichloroethane	mg/kg	390	2,100	0.4																		
1,1-Dichloroethene	mg/kg	95	510	0.06																		
1,1-Dichloropropene	mg/kg																					
1,2,3-Trichlorobenzene	mg/kg	650	8,200	4.6																		
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001																		
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3																		
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3																		
1,2-DCBP	mg/kg	0.7	3.8	0.001																		
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001																		
1,2-Dichlorobenzene	mg/kg	880	5,000	17																		
1,2-Dichloroethane	mg/kg	0.5	0.7	0.01																		
1,2-Dichloropropane	mg/kg	0.6	0.9	0.03																		
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3																		
1,3-Dichlorobenzene	mg/kg	380	2,200	7																		
1,3-Dichloropropane	mg/kg																					
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2																		
2,2-Dichloropropane	mg/kg																					
2-Chlorotoluene	mg/kg	200	1,200	2.8																		
2-Hexanone	mg/kg	24	130	1.4																		
4-Chlorotoluene	mg/kg	170	990	2.5																		
4-Isopropyltoluene	mg/kg	960	5,600	NA																		
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6																		
Acetone	mg/kg	11,000	68,000	25																		
Acrolein	mg/kg	0.05	0.3	0.01																		
Acrylonitrile	mg/kg	0.3	0.6	0.0003																		
Benzene	mg/kg	1.2	1.7	0.007																		
Bromobenzene	mg/kg																					
Bromochloromethane	mg/kg	95	530	0.6																		
Bromodichloromethane	mg/kg	1.5	2.2	0.004																		
Bromoform	mg/kg	48	93	0.03																		
Bromomethane	mg/kg	3.1	16	0.05																		
Carbon disulfide	mg/kg	270	1,500	5.6																		
Carbon tetrachloride	mg/kg	0.5	0.7	0.04																		
Chlorobenzene	mg/kg	120	650	1.3																		
Chloroethane	mg/kg	3.9	5.4	0.06																		
Chloroform	mg/kg	0.4	0.6	0.4																		
Chloromethane	mg/kg	4	5.7	0.01																		
cis-1,2-Dichloroethene	mg/kg	33	180	0.4																		
cis-1,3-Dichloropropene	mg/kg																					
cis-1,4-Dichloro-2-butene	mg/kg																					
Dibromochloromethane	mg/kg	1.5	2.3	0.003																		
Dibromomethane	mg/kg	96	550	0.3																		
Dichlorodifluoromethane	mg/kg	77	410	44																		
Ethyl methacrylate	mg/kg	630	3,500	3.5																		
Ethylbenzene	mg/kg	1,500	9,200	0.6																		
Hexachlorobutadiene	mg/kg	6.2	13	1																		
Iodomethane	mg/kg																					
Isopropylbenzene (Cumene)	mg/kg	220	1,200	0.2																		
m & p-xylene	mg/kg																					
Methyl ethyl ketone (MEK)	mg/kg	16,000	110,000	17																		
Methylene chloride	mg/kg	17	26	0.02																		
Naphthalene	mg/kg	55	300	1.2																		
n-Butylbenzene	mg/kg																					
n-propylbenzene	mg/kg																					
o-Xylene	mg/kg																					
sec-Butylbenzene	mg/kg																					
Styrene	mg/kg	3,600	23,000	3.6																		
t-1,4-Dichloro-2-butene	mg/kg																					
tert-Butyl methyl ether (MTBE)	mg/kg	4,400	24,000	0.09																		
tert-Butylbenzene	mg/kg																					
Tetrachloroethene	mg/kg	8.8	18	0.03																		
Toluene	mg/kg	7,500	60,000	0.5																		
trans-1,2-Dichloroethene	mg/kg	53	290	0.7																		
trans-1,3-Dichloropropene	mg/kg																					
Trichloroethene	mg/kg	6.4	9.3																			

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	Residential (mg/kg)	DE Commercial (mg/kg)	Leachability GW (mg/kg)	SB-6N-1	SB-6E-1	SB-6S-1	SB-6W-1	SB-6W-2	SB-6S-2	SB-7N	SB-7N	SB-7N	SB-7	SB-7	SB-7	SB-7E	SB-7E	SB-7E	SB-7S	SB-7S	SB-7S	SB-7W	SB-7W	SB-7W	
					(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)
					10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	
EPA 6020																										
Arsenic	mg/kg	2.1	12	***	2.6	3	4.8	9	8.4	17	5.8	2.8	0.28	5.7	6.7	0.44	2.1	6.7	0.99	3.8	6.9	0.41	8.5	6.4	4.6	
Barium	mg/kg	120	130,000	1,600	60	27	38	100	130	94	120	57	10	81	71	12	12	47	15	32	200	8.7	100	61	55	
Cadmium	mg/kg	82	1,700	7.5	0.79	0.62	2	3.4	3.9	5.5	6.3	1.1	0.12	2.6	2.6	0.12	4.9	1.1	0.11	1.1	0.89	0.12	2.8	2.3	0.28	
Chromium	mg/kg	210	470	38	13	19	48	89	83	77	36	33	3.9	39	33	5	11	11	12	25	110	5.7	54	37	42	
Lead	mg/kg	400	1,400	***	110	92	260	210	350	330	790	150	1.5	520	500	7.7	270	150	14	150	95	1.1	270	140	21	
Mercury	mg/kg	3	17	2.1	0.14	0.21	0.19	0.94	0.93	0.56	0.73	0.41	0.16	0.68	0.59	0.15	0.15	0.14	0.15	0.26	0.37	0.16	0.68	0.93	0.34	
Selenium	mg/kg	440	11,000	5.2	0.54	0.54	0.56	0.6	0.61	0.65	0.61	0.65	0.61	0.56	0.55	0.59	0.57	0.52	0.58	0.57	3.5	0.61	0.6	0.62	0.56	
Silver	mg/kg	410	8,200	17	0.34	0.35	0.39	0.39	0.53	0.61	0.8	0.4	0.39	0.4	0.36	0.38	0.36	0.33	0.37	0.37	0.44	0.39	0.38	0.4	0.36	
EPA 8260C																										
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01	0.000683	0.000748	0.000653	0.000778	0.000772	0.000909	0.000938			0.000831	0.000847	0.000916	0.000657	0.000617	0.000966	0.00123	0.00098		0.000918	0.000777	0.000997	
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9	0.000626	0.000686	0.000598	0.000713	0.000708	0.000834	0.00086			0.000762	0.000777	0.00084	0.000602	0.000565	0.000885	0.00113	0.000898		0.000842	0.000712	0.000914	
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03	0.000581	0.000636	0.000555	0.000661	0.000657	0.000773	0.000797			0.000707	0.00072	0.000779	0.000559	0.000524	0.000821	0.00105	0.000833		0.00078	0.00066	0.000848	
1,1-Dichloroethane	mg/kg	390	2,100	0.4	0.000888	0.000973	0.000849	0.00101	0.001	0.00118	0.00122			0.00108	0.00111	0.00119	0.000854	0.000802	0.00126	0.0016	0.00127		0.00119	0.00101	0.0013	
1,2-Dichloroethane	mg/kg	95	510	0.06	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,1-Dichloropropene	mg/kg				0.000535	0.000586	0.000511	0.000609	0.000605	0.000712	0.000735			0.000651	0.000664	0.000718	0.000515	0.000483	0.000757	0.000964	0.000768		0.000719	0.000608	0.000781	
1,2,3-Trichlorobenzene	mg/kg	650	8,200	4.6	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001	0.00137	0.0015	0.00131	0.00156	0.00154	0.00182	0.00188			0.00166	0.00169	0.00183	0.00131	0.00123	0.00193	0.00246	0.00196		0.00184	0.00155	0.00199	
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3	0.000854	0.000936	0.000816	0.000972	0.000965	0.00114	0.00117			0.00104	0.00106	0.00115	0.000821	0.000771	0.00121	0.00154	0.00122		0.00115	0.000971	0.00125	
1,2-DBCP	mg/kg	0.7	3.8	0.001	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001	0.000547	0.000599	0.000522	0.000622	0.000618	0.000727	0.00075			0.000665	0.000678	0.000733	0.000526	0.000493	0.000773	0.000985	0.000784		0.000734	0.000621	0.000798	
1,2-Dichlorobenzene	mg/kg	880	5,000	17	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,2-Dichloropropane	mg/kg	0.5	0.7	0.01	0.000957	0.00105	0.000914	0.00109	0.00108	0.00127	0.00131			0.00116	0.00119	0.00128	0.00092	0.000863	0.00135	0.00172	0.00137		0.00129	0.00109	0.0014	
1,2-Dichloroethane	mg/kg	0.6	0.9	0.03	0.000683	0.000748	0.000653	0.000778	0.000772	0.000909	0.000938			0.000831	0.000847	0.000916	0.000657	0.000617	0.000966	0.00123	0.00098		0.000918	0.000777	0.000997	
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,3-Dichlorobenzene	mg/kg	380	2,200	7	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
1,3-Dichloropropane	mg/kg				0.000512	0.000561	0.00049	0.000583	0.000579	0.000682	0.000703			0.000624	0.000635	0.000687	0.000493	0.000462	0.000724	0.000923	0.000735		0.000689	0.000582	0.000748	
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
2,2-Dichloropropane	mg/kg				0.000604	0.000661	0.000577	0.000687	0.000682	0.000803	0.000828			0.000734	0.000748	0.00081	0.00058	0.000545	0.000853	0.00109	0.000865		0.000811	0.000686	0.000881	
2-Chlorotoluene	mg/kg	200	1,200	2.8	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
2-Hexanone	mg/kg	24	130	1.4	0.00131	0.00143	0.00125	0.00149	0.00148	0.00174	0.0018			0.00159	0.00162	0.00176	0.00126	0.00118	0.00185	0.00236	0.00188		0.00176	0.00149	0.00191	
4-Chlorotoluene	mg/kg	170	990	2.5	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
4-Isopropyltoluene	mg/kg	960	5,600	NA	0.00102	0.00112	0.000979	0.00117	0.00116	0.00136	0.00141			0.00125	0.00127	0.00137	0.000986	0.000925	0.00145	0.00185	0.00147		0.00138	0.00116	0.0015	
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6	0.000615	0.000674	0.000588	0.0007	0.000695	0.000818	0.000844			0.000748	0.000763	0.000825	0.000591	0.000555	0.000869	0.00111	0.000882		0.000826	0.000699	0.000898	
Acetone	mg/kg	11,000	68,000	25	0.00354	0.00388	0.00338	0.00403	0.004	0.00471	0.00486			0.00431	0.00439	0.00475	0.00341	0.0032	0.00501	0.00638	0.00508		0.00476	0.00403	0.00517	
Acrolein	mg/kg	0.05	0.3	0.01	0.00531	0.00581	0.00507	0.00604	0.006	0.00706	0.00728			0.00646	0.00658	0.00712	0.0051	0.00479	0.0075	0.00956	0.00761		0.00713	0.00603	0.00775	
Acrylonitrile	mg/kg	0.3	0.6	0.0003	0.00855	0.00937	0.00817	0.00973	0.00967	0.011	0.012			0.01	0.011	0.011	0.00822	0.00772	0.012	0.015	0.012		0.011	0.00972	0.012	
Benzene	mg/kg	1.2	1.7	0.007	0.000524	0.000574	0.0005	0.000596	0.000592	0.000697	0.000719			0.000637	0.00065	0.000703	0.000504	0.000473	0.00074	0.000943	0.000751		0.000704	0.000595	0.000765	
Bromobenzene	mg/kg				0.0010																					

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE	DE	Leachability GW (mg/kg)	SB-2N-1	SB-2N-2	SB-2S-1	SB-2S-2	SB-2W-1	SB-2W-2	SB-3N-1	SB-3N-1	SB-3N-2	SB-3N-2	SB-3E-1	SB-3E-1	SB-3E-2	SB-3E-2	SB-3W-1	SB-3W-2	SB-3S-1	SB-3S-2
		Residential (mg/kg)	Commercial (mg/kg)		(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)
		10/5/2023	10/5/2023		10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023
EPA 8260C (MEOH EXT. S)																						
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01																		
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9																		
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001																		
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03																		
1,1-Dichloroethane	mg/kg	390	2,100	0.4																		
1,1-Dichloroethene	mg/kg	95	510	0.06																		
1,1-Dichloropropene	mg/kg																					
1,2,3-Trichlorobenzene	mg/kg	650	8,200	4.6																		
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001																		
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3																		
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3																		
1,2-DCBP	mg/kg	0.7	3.8	0.001																		
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001																		
1,2-Dichlorobenzene	mg/kg	880	5,000	17																		
1,2-Dichloroethane	mg/kg	0.5	0.7	0.01																		
1,2-Dichloropropane	mg/kg	0.6	0.9	0.03																		
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3																		
1,3-Dichlorobenzene	mg/kg	380	2,200	7																		
1,3-Dichloropropane	mg/kg																					
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2																		
2,2-Dichloropropane	mg/kg																					
2-Chlorotoluene	mg/kg	200	1,200	2.8																		
2-Hexanone	mg/kg	24	130	1.4																		
4-Chlorotoluene	mg/kg	170	990	2.5																		
4-Isopropyltoluene	mg/kg	960	5,600	NA																		
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6																		
Acetone	mg/kg	11,000	68,000	25																		
Acrolein	mg/kg	0.05	0.3	0.01																		
Acrylonitrile	mg/kg	0.3	0.6	0.0003																		
Benzene	mg/kg	1.2	1.7	0.007																		
Bromobenzene	mg/kg																					
Bromochloromethane	mg/kg	95	530	0.6																		
Bromodichloromethane	mg/kg	1.5	2.2	0.004																		
Bromofrom	mg/kg	48	93	0.03																		
Bromomethane	mg/kg	3.1	16	0.05																		
Carbon disulfide	mg/kg	270	1,500	5.6																		
Carbon tetrachloride	mg/kg	0.5	0.7	0.04																		
Chlorobenzene	mg/kg	120	650	1.3																		
Chloroethane	mg/kg	3.9	5.4	0.06																		
Chloroform	mg/kg	0.4	0.6	0.4																		
Chloromethane	mg/kg	4	5.7	0.01																		
cis-1,2-Dichloroethene	mg/kg	33	180	0.4																		
cis-1,3-Dichloropropene	mg/kg																					
cis-1,4-Dichloro-2-butene	mg/kg																					
Dibromochloromethane	mg/kg	1.5	2.3	0.003																		
Dibromomethane	mg/kg	96	550	0.3																		
Dichlorodifluoromethane	mg/kg	77	410	44																		
Ethyl methacrylate	mg/kg	630	3,500	3.5																		
Ethylbenzene	mg/kg	1,500	9,200	0.6																		
Hexachlorobutadiene	mg/kg	6.2	13	1																		
Iodomethane	mg/kg																					
Isopropylbenzene (Cumene)	mg/kg	220	1,200	0.2																		
m & p-xylene	mg/kg																					
Methyl ethyl ketone (MEK)	mg/kg	16,000	110,000	17																		
Methylene chloride	mg/kg	17	26	0.02																		
Naphthalene	mg/kg	55	300	1.2																		
n-Butylbenzene	mg/kg																					
n-propylbenzene	mg/kg																					
o-Xylene	mg/kg																					
sec-Butylbenzene	mg/kg																					
Styrene	mg/kg	3,600	23,000	3.6																		
t-1,4-Dichloro-2-butene	mg/kg																					
tert-Butyl methyl ether (MTBE)	mg/kg	4,400	24,000	0.09																		
tert-Butylbenzene	mg/kg																					
Tetrachloroethene	mg/kg	8.8	18	0.03																		
Toluene	mg/kg	7,500	60,000	0.5																		
trans-1,2-Dichloroethene	mg/kg	53	290	0.7																		
trans-1,3-Dichloropropene	mg/kg																					
Trichloroethene	mg/kg	6.4	9.3	0.03																		
Trichlorofluoromethane	mg/kg	270	1,500	33																		
Vinyl acetate	mg/kg	320	1,700	0.4																		
Vinyl chloride	mg/kg	0.2	0.8	0.007																		
Xylenes- Total	mg/kg	130	700	0.2																		

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE	DE	Leachability GW (mg/kg)	SB-4N-1	SB-4N-2	SB-4E-1	SB-4E-2	SB-4S-1	SB-4S-2	SB-4W-1	SB-4W-2	SB-4W-3	SB-4W-4	SB-5N-1	SB-5N-2	SB-5E-1	SB-5E-2	SB-5W-1	SB-5W-2	SB-5W-3	SB-5W-4	SB-5S-1	SB-5S-2
		Residential (mg/kg)	Commercial (mg/kg)		(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)
					10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023
EPA 8260C (MEOH EXT. S)																								
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01																				
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9																				
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001																				
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03																				
1,1-Dichloroethane	mg/kg	390	2,100	0.4																				
1,1-Dichloroethene	mg/kg	95	510	0.06																				
1,1-Dichloropropene	mg/kg																							
1,2,3-Trichlorobenzene	mg/kg	650	8,200	4.6																				
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001																				
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3																				
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3																				
1,2-DCBP	mg/kg	0.7	3.8	0.001																				
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001																				
1,2-Dichlorobenzene	mg/kg	880	5,000	17																				
1,2-Dichloroethane	mg/kg	0.5	0.7	0.01																				
1,2-Dichloropropane	mg/kg	0.6	0.9	0.03																				
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3																				
1,3-Dichlorobenzene	mg/kg	380	2,200	7																				
1,3-Dichloropropane	mg/kg																							
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2																				
2,2-Dichloropropane	mg/kg																							
2-Chlorotoluene	mg/kg	200	1,200	2.8																				
2-Hexanone	mg/kg	24	130	1.4																				
4-Chlorotoluene	mg/kg	170	990	2.5																				
4-Isopropyltoluene	mg/kg	960	5,600	NA																				
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6																				
Acetone	mg/kg	11,000	68,000	25																				
Acrolein	mg/kg	0.05	0.3	0.01																				
Acrylonitrile	mg/kg	0.3	0.6	0.0003																				
Benzene	mg/kg	1.2	1.7	0.007																				
Bromobenzene	mg/kg																							
Bromochloromethane	mg/kg	95	530	0.6																				
Bromodichloromethane	mg/kg	1.5	2.2	0.004																				
Bromoform	mg/kg	48	93	0.03																				
Bromomethane	mg/kg	3.1	16	0.05																				
Carbon disulfide	mg/kg	270	1,500	5.6																				
Carbon tetrachloride	mg/kg	0.5	0.7	0.04																				
Chlorobenzene	mg/kg	120	650	1.3																				
Chloroethane	mg/kg	3.9	5.4	0.06																				
Chloroform	mg/kg	0.4	0.6	0.4																				
Chloromethane	mg/kg	4	5.7	0.01																				
cis-1,2-Dichloroethene	mg/kg	33	180	0.4																				
cis-1,3-Dichloropropene	mg/kg																							
cis-1,4-Dichloro-2-butene	mg/kg																							
Dibromochloromethane	mg/kg	1.5	2.3	0.003																				
Dibromomethane	mg/kg	96	550	0.3																				
Dichlorodifluoromethane	mg/kg	77	410	44																				
Ethyl methacrylate	mg/kg	630	3,500	3.5																				
Ethylbenzene	mg/kg	1,500	9,200	0.6																				
Hexachlorobutadiene	mg/kg	6.2	13	1																				
Iodomethane	mg/kg																							
Isopropylbenzene (Cumene)	mg/kg	220	1,200	0.2																				
m & p-xylene	mg/kg																							
Methyl ethyl ketone (MEK)	mg/kg	16,000	110,000	17																				
Methylene chloride	mg/kg	17	26	0.02																				
Naphthalene	mg/kg	55	300	1.2																				
n-Butylbenzene	mg/kg																							
n-propylbenzene	mg/kg																							
o-Xylene	mg/kg																							
sec-Butylbenzene	mg/kg																							
Styrene	mg/kg	3,600	23,000	3.6																				
t-1,4-Dichloro-2-butene	mg/kg																							
tert-Butyl methyl ether (MTBE)	mg/kg	4,400	24,000	0.09																				
tert-Butylbenzene	mg/kg																							
Tetrachloroethene	mg/kg	8.8	18	0.03																				
Toluene	mg/kg	7,500	60,000	0.5																				
trans-1,2-Dichloroethene	mg/kg	53	290	0.7																				
trans-1,3-Dichloropropene	mg/kg																							
Trichloroethene	mg/kg	6.4	9.3	0.03																				
Trichlorofluoromethane	mg/kg	270	1,500	33																				
Vinyl acetate	mg/kg	320	1,700	0.4																				
Vinyl chloride	mg/kg	0.2	0.8	0.007																				
Xylenes- Total	mg/kg	130	700	0.2																				

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE	DE	Leachability GW (mg/kg)	SB-6N-1	SB-6E-1	SB-6S-1	SB-6W-1	SB-6W-2	SB-6S-2	SB-7N	SB-7N	SB-7	SB-7	SB-7	SB-7E	SB-7E	SB-7E	SB-7S	SB-7S	SB-7S	SB-7W	SB-7W	SB-7W	
		Residential (mg/kg)	Commercial (mg/kg)		(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0.5-2)	(2-4)	(0-0.5)	(0.5-2)	(2-4)	(0-0.5)	(0.5-2)	(2-4)	(0-0.5)	(0.5-2)	(2-4)	(0-0.5)	(0.5-2)
		10/4/2023	10/4/2023		10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	
EPA 8260C (MEOH EXT. S)																									
1,1,1,2-Tetrachloroethane	mg/kg	2.9	4.3	0.01									0.076	U	0.018	U									
1,1,1-Trichloroethane	mg/kg	730	3,900	1.9									0.07	U	0.016	U									
1,1,2,2-Tetrachloroethane	mg/kg	0.7	1.2	0.001									0.061	U	0.014	U									
1,1,2-Trichloroethane	mg/kg	1.4	2	0.03									0.065	U	0.015	U									
1,1-Dichloroethane	mg/kg	390	2,100	0.4									0.099	U	0.023	U									
1,1-Dichloroethene	mg/kg	95	510	0.06									0.114	U	0.026	U									
1,1-Dichloropropene	mg/kg												0.06	U	0.014	U									
1,2,3-Trichlorobenzene	mg/kg	650	8,200	4.6									0.018	U	0.00411	U									
1,2,3-Trichloropropane	mg/kg	0.06	0.1	0.0001									0.152	U	0.035	U									
1,2,4-Trichlorobenzene	mg/kg	660	8,500	5.3									0.028	U	0.00645	U									
1,2,4-Trimethylbenzene	mg/kg	18	95	0.3									0.034	U	0.00792	U									
1,2-DCBP	mg/kg	0.7	3.8	0.001									0.027	U	0.00616	U									
1,2-Dibromoethane (EDB)	mg/kg	0.1	0.2	0.0001									0.061	U	0.014	U									
1,2-Dichlorobenzene	mg/kg	880	5,000	17									0.037	U	0.00851	U									
1,2-Dichloroethane	mg/kg	0.5	0.7	0.01									0.106	U	0.025	U									
1,2-Dichloropropane	mg/kg	0.6	0.9	0.03									0.076	U	0.018	U									
1,3,5-Trimethylbenzene	mg/kg	15	80	0.3									0.027	U	0.00616	U									
1,3-Dichlorobenzene	mg/kg	380	2,200	7									0.039	U	0.0091	U									
1,3-Dichloropropane	mg/kg												0.057	U	0.013	U									
1,4-Dichlorobenzene	mg/kg	6.4	9.9	2.2									0.043	U	0.00998	U									
2,2-Dichloropropane	mg/kg												0.067	U	0.016	U									
2-Chlorotoluene	mg/kg	200	1,200	2.8									0.047	U	0.011	U									
2-Hexanone	mg/kg	24	130	1.4									0.146	U	0.034	U									
4-Chlorotoluene	mg/kg	170	990	2.5									0.041	U	0.00939	U									
4-Isopropyltoluene	mg/kg	960	5,600	NA									0.03	U	0.00704	U									
4-methyl-2-pentanone	mg/kg	4,300	44,000	2.6									0.068	U	0.016	U									
Acetone	mg/kg	11,000	68,000	25									0.394	U	0.091	U									
Acrolein	mg/kg	0.05	0.3	0.01									0.59	U	0.137	U									
Acrylonitrile	mg/kg	0.3	0.6	0.0003									0.951	U	0.22	U									
Benzene	mg/kg	1.2	1.7	0.007									0.058	U	0.013	U									
Bromobenzene	mg/kg												0.047	U	0.011	U									
Bromochloromethane	mg/kg	95	530	0.6									0.141	U	0.033	U									
Bromodichloromethane	mg/kg	1.5	2.2	0.004									0.046	U	0.011	U									
Bromoform	mg/kg	48	93	0.03									0.095	U	0.022	U									
Bromomethane	mg/kg	3.1	16	0.05									0.19	U	0.044	U									
Carbon disulfide	mg/kg	270	1,500	5.6									0.091	U	0.021	U									
Carbon tetrachloride	mg/kg	0.5	0.7	0.04									0.068	U	0.016	U									
Chlorobenzene	mg/kg	120	650	1.3									0.054	U	0.013	U									
Chloroethane	mg/kg	3.9	5.4	0.06									0.073	U	0.017	U									
Chloroform	mg/kg	0.4	0.6	0.4									0.836	U	0.194	U									
Chloromethane	mg/kg	4	5.7	0.01									0.086	U	0.02	U									
cis-1,2-Dichloroethene	mg/kg	33	180	0.4									0.056	U	0.013	U									
cis-1,3-Dichloropropene	mg/kg												0.071	U	0.016	U									
cis-1,4-Dichloro-2-butene	mg/kg												0.118	U	0.027	U									
Dibromochloromethane	mg/kg	1.5	2.3	0.003									0.072	U	0.017	U									
Dibromomethane	mg/kg	96	550	0.3									0.144	U	0.033	U									
Dichlorodifluoromethane	mg/kg	77	410	44									0.047	U	0.011	U									
Ethyl methacrylate	mg/kg	630	3,500	3.5									0.046	U	0.011	U									
Ethylbenzene	mg/kg	1,500	9,200	0.6									0.042	U	0.00968	U									
Hexachlorobutadiene	mg/kg	6.2	13	1									0.028	U	0.00645	U									
Iodomethane	mg/kg												0.253	U	0.059	U									
Isopropylbenzene (Cumene)	mg/kg	220	1,200	0.2									0.042	U	0.00968	U									
m & p-xylene	mg/kg												0.081	U	0.019	U									
Methyl ethyl ketone (MEK)	mg/kg	16,000	110,000	17									0.184	U	0.043	U									
Methylene chloride	mg/kg	17	26	0.02									1.27	U	0.293	U									
Naphthalene	mg/kg	55	300	1.2									0.633	U	0.147	U									
n-Butylbenzene	mg/kg												0.033	U	0.00763	U									
n-propylbenzene	mg/kg												0.038	U	0.0088	U									
o-Xylene	mg/kg												0.044	U	0.01	U									
sec-Butylbenzene	mg/kg												0.029	U	0.00675	U									
Styrene	mg/kg	3,600	23,000	3.6									0.039	U	0.0091	U									
t-1,4-Dichloro-2-butene	mg/kg												0.897	U	0.208	U									
tert-Butyl methyl ether (MTBE)	mg/kg	4,400	24,000	0.09									0.141	U	0.033	U									
tert-Butylbenzene	mg/kg												0.037	U	0.00851	U									
Tetrachloroethene	mg/kg	8.8	18	0.03									0.057	U	0.013	U									

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential	DE Commercial	Leachability GW (mg/kg)	SB-2N-1 (0-0.5)	SB-2N-2 (0-0.5)	SB-2S-1 (0-0.5)	SB-2S-2 (0-0.5)	SB-2W-1 (0-0.5)	SB-2W-2 (0-0.5)	SB-3N-1 (0-0.5)	SB-3N-1 (0.5-2)	SB-3N-2 (0-0.5)	SB-3E-1 (0-0.5)	SB-3E-1 (0.5-2)	SB-3E-2 (0-0.5)	SB-3E-2 (0.5-2)	SB-3W-1 (0-0.5)	SB-3W-2 (0-0.5)	SB-3S-1 (0-0.5)	SB-3S-2 (0-0.5)	
		(mg/kg)	(mg/kg)		10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023
EPA 8310 List by 8270E SIM (S)																						
1-Methylnaphthalene	mg/kg	200	1,800	3.1	0.267	U	0.261	U	0.196	U	0.187	U	0.181	U	0.202	U						
2-Methylnaphthalene	mg/kg	210	2,100	8.5	0.267	U	0.261	U	0.196	U	0.187	U	0.181	U	0.202	U						
Acenaphthene	mg/kg	2,400	20,000	2.1	0.133	U	0.131	U	0.098	U	0.094	U	0.383	I	0.184	I						
Acenaphthylene	mg/kg	1,800	20,000	27	0.133	U	0.131	U	0.098	U	0.094	U	0.091	U	0.101	U						
Anthracene	mg/kg	21,000	300,000	2,500	0.133	U	0.131	U	0.098	U	0.094	U	0.71	U	0.505	U						
Benzo(a)anthracene	mg/kg	#	#	0.8	0.156	I	0.274	I	0.208	I	0.105	I	2.1	I	2.88	I						
Benzo(a)pyrene	mg/kg	0.1	0.7	8	0.098	I	0.22	I	0.138	I	0.081	I	1.28	I	1.88	I						
Benzo(b)fluoranthene	mg/kg	#	#	2.4	0.121	I	0.281	I	0.176	I	0.097	I	1.95	I	2.82	I						
Benzo(g,h,i)perylene	mg/kg	2,500	52,000	32,000	0.08	U	0.185	I	0.11	I	0.064	I	0.964	I	1.35	I						
Benzo(k)fluoranthene	mg/kg	#	#	24	0.08	U	0.111	I	0.097	I	0.056	U	0.705	I	1.02	I						
Chrysene	mg/kg	#	#	77	0.095	I	0.225	I	0.161	I	0.098	I	1.65	I	2.34	I						
Dibenzo(a,h)anthracene	mg/kg	#	#	0.7	0.032	I	0.056	I	0.033	I	0.024	I	0.296	I	0.342	I						
Fluoranthene	mg/kg	3,200	59,000	1,200	0.234	I	0.417	I	0.364	I	0.187	I	5.06	I	5.77	I						
Fluorene	mg/kg	2,600	33,000	160	0.133	U	0.131	U	0.098	U	0.094	U	0.323	I	0.135	I						
Indeno(1,2,3-cd)pyrene	mg/kg	#	#	6.6	0.08	U	0.255	I	0.159	I	0.077	I	1.61	I	2.26	I						
Naphthalene	mg/kg	55	300	1.2	0.267	U	0.261	U	0.196	U	0.187	U	0.196	I	0.202	U						
Phenanthrene	mg/kg	2,200	36,000	250	0.267	U	0.261	U	0.196	U	0.187	U	3.26	I	2.03	I						
Pyrene	mg/kg	2,400	45,000	880	0.133	U	0.308	I	0.245	I	0.109	I	3.37	I	4.05	I						

Notes:
SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DE Residential (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Residential
DE Commercial (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Commercial
Leachability GW (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
U = Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).
Bold Bold results denote analyte was detected above the laboratory method detection limit
N/C N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.'

Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE	DE	Leachability GW (mg/kg)	SB-4N-1	SB-4N-2	SB-4E-1	SB-4E-2	SB-4S-1	SB-4S-2	SB-4W-1	SB-4W-2	SB-4W-3	SB-4W-4	SB-5N-1	SB-5N-2	SB-5E-1	SB-5E-2	SB-5W-1	SB-5W-2	SB-5W-3	SB-5W-4	SB-5S-1	SB-5S-2
		Residential (mg/kg)	Commercial (mg/kg)		(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)	(0-0.5)
		10/5/2023	10/5/2023		10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/5/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023
EPA 8310 List by 8270E SIM (S)																								
1-Methylnaphthalene	mg/kg	200	1,800	3.1																				
2-Methylnaphthalene	mg/kg	210	2,100	8.5																				
Acenaphthene	mg/kg	2,400	20,000	2.1																				
Acenaphthylene	mg/kg	1,800	20,000	27																				
Anthracene	mg/kg	21,000	300,000	2,500																				
Benzo(a)anthracene	mg/kg	#	#	0.8																				
Benzo(a)pyrene	mg/kg	0.1	0.7	8																				
Benzo(b)fluoranthene	mg/kg	#	#	2.4																				
Benzo(g,h,i)perylene	mg/kg	2,500	52,000	32,000																				
Benzo(k)fluoranthene	mg/kg	#	#	24																				
Chrysene	mg/kg	#	#	77																				
Dibenzo(a,h)anthracene	mg/kg	#	#	0.7																				
Fluoranthene	mg/kg	3,200	59,000	1,200																				
Fluorene	mg/kg	2,600	33,000	160																				
Indeno(1,2,3-cd)pyrene	mg/kg	#	#	6.6																				
Naphthalene	mg/kg	55	300	1.2																				
Phenanthrene	mg/kg	2,200	36,000	250																				
Pyrene	mg/kg	2,400	45,000	880																				

Notes:
SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DE Residential (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Residential
DE Commercial (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Commercial
Leachability GW (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
U = Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).
Bold Bold results denote analyte was detected above the laboratory method detection limit
N/C N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.'

Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1c
Soil Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	DE Residential (mg/kg)	DE Commercial (mg/kg)	Leachability GW (mg/kg)	SB-6N-1 (0-0.5)	SB-6E-1 (0-0.5)	SB-6S-1 (0-0.5)	SB-6W-1 (0-0.5)	SB-6W-2 (0-0.5)	SB-6S-2 (0-0.5)	SB-7N (0-0.5)	SB-7N (0.5-2)	SB-7N (2-4)	SB-7 (0-0.5)	SB-7 (0.5-2)	SB-7 (2-4)	SB-7E (0-0.5)	SB-7E (0.5-2)	SB-7E (2-4)	SB-7S (0-0.5)	SB-7S (0.5-2)	SB-7S (2-4)	SB-7W (0-0.5)	SB-7W (0.5-2)	SB-7W (2-4)		
					10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/4/2023
EPA 8310 List by 8270E SIM (S)																											
1-Methylnaphthalene	mg/kg	200	1,800	3.1							0.213 U	0.215 U	0.21 U	0.196 U	0.194 U	0.203 U	0.199 U	0.179 U	0.203 U	0.2 U	0.238 U	0.212 U	0.204 U	0.215 U	0.197 U		
2-Methylnaphthalene	mg/kg	210	2,100	8.5							0.213 U	0.215 U	0.21 U	0.196 U	0.194 U	0.203 U	0.199 U	0.179 U	0.203 U	0.2 U	0.238 U	0.212 U	0.204 U	0.215 U	0.197 U		
Acenaphthene	mg/kg	2,400	20,000	2.1							0.106 U	0.107 U	0.105 U	0.098 U	0.097 U	0.101 U	0.1 U	0.089 U	0.101 U	0.1 U	0.119 U	0.106 U	0.102 U	0.107 U	0.099 U		
Acenaphthylene	mg/kg	1,800	20,000	27							0.106 U	0.107 U	0.105 U	0.098 U	0.097 U	0.101 U	0.1 U	0.089 U	0.101 U	0.1 U	0.119 U	0.106 U	0.207 I	0.127 I	0.099 U		
Anthracene	mg/kg	21,000	300,000	2,500							0.106 U	0.107 U	0.105 U	0.098 U	0.097 U	0.101 U	0.1 U	0.089 U	0.101 U	0.1 U	0.119 U	0.106 U	0.199 I	0.156 I	0.099 U		
Benzo(a)anthracene	mg/kg	#	#	0.8							0.205 I	0.117 I	0.063 U	0.304	0.149 I	0.061 U	0.141 I	0.058 I	0.061 U	0.362	0.088 I	0.063 U	1.4	0.829	0.059 U		
Benzo(a)pyrene	mg/kg	0.1	0.7	8							0.161 I	0.078 I	0.039 U	0.239	0.129 I	0.037 U	0.098 I	0.033 U	0.037 U	0.284	0.07 I	0.039 U	1.25	0.765	0.036 U		
Benzo(b)fluoranthene	mg/kg	#	#	2.4							0.239 I	0.107 I	0.055 U	0.343	0.156 I	0.053 U	0.117 I	0.047 U	0.053 U	0.434	0.068 I	0.055 U	2.28	1.33	0.051 U		
Benzo(g,h,i)perylene	mg/kg	2,500	52,000	32,000							0.305	0.069 I	0.063 U	0.506	0.203 I	0.061 U	0.086 I	0.054 U	0.061 U	0.371	0.071 U	0.063 U	1.13	0.798	0.059 U		
Benzo(k)fluoranthene	mg/kg	#	#	24							0.11 I	0.064 U	0.063 U	0.149 I	0.058 U	0.061 U	0.06 U	0.054 U	0.061 U	0.144 I	0.071 U	0.063 U	0.796	0.338	0.059 U		
Chrysene	mg/kg	#	#	77							0.186 I	0.111 I	0.063 U	0.268	0.131 I	0.061 U	0.114 I	0.054 U	0.061 U	0.351	0.071 U	0.063 U	1.7	0.979	0.059 U		
Dibenzo(a,h)anthracene	mg/kg	#	#	0.7							0.051 I	0.021 U	0.021 U	0.073 I	0.045 I	0.02 U	0.043 I	0.018 U	0.02 U	0.071 I	0.03 I	0.021 U	0.234 I	0.157 I	0.02 U		
Fluoranthene	mg/kg	3,200	59,000	1,200							0.385 I	0.297 I	0.105 U	0.506	0.216 I	0.101 U	0.226 I	0.089 U	0.101 U	0.667	0.119 U	0.106 U	2.52	1.58	0.099 U		
Fluorene	mg/kg	2,600	33,000	160							0.106 U	0.107 U	0.105 U	0.098 U	0.097 U	0.101 U	0.1 U	0.089 U	0.101 U	0.1 U	0.119 U	0.106 U	0.102 U	0.107 U	0.099 U		
Indeno(1,2,3-cd)pyrene	mg/kg	#	#	6.6							0.329	0.088 I	0.063 U	0.524	0.207 I	0.061 U	0.105 I	0.054 U	0.061 U	0.419	0.071 U	0.063 U	1.68	1.12	0.059 U		
Naphthalene	mg/kg	55	300	1.2							0.213 U	0.215 U	0.21 U	0.196 U	0.194 U	0.203 U	0.199 U	0.179 U	0.203 U	0.2 U	0.238 U	0.212 U	0.204 U	0.215 U	0.197 U		
Phenanthrene	mg/kg	2,200	36,000	250							0.213 U	0.215 U	0.21 U	0.196 U	0.194 U	0.203 U	0.199 U	0.179 U	0.203 U	0.233 I	0.238 U	0.212 U	0.48	0.434	0.197 U		
Pyrene	mg/kg	2,400	45,000	880							0.269 I	0.173 I	0.105 U	0.467	0.167 I	0.101 U	0.154 I	0.089 U	0.101 U	0.525	0.119 U	0.106 U	2.21	1.34	0.099 U		

Notes:
SCTLs = Soil Cleanup Target Levels specified in Table II of Chapter 62-777, F.A.C. 4/17/2005
TRPH = Total Recoverable Petroleum Hydrocarbons
DE Residential (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Residential
DE Commercial (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level - Direct Exposure (DE) Commercial
Leachability GW (mg/kg) indicates concentration exceeds FDEP Soil Cleanup Target Level for Leachability Based on Groundwater Criteria
I = Estimated value, between laboratory reporting limit and method detection limit
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Bold Bold results denote analyte was detected above the laboratory method detection limit
N/C N/C in results field indicate Total Benzo(a)pyrene Equivalent was not calculated due to all constituent analytes being reported below the laboratory method detection limit

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL for Benzo(a)pyrene using the approach described in the February 2005 'Final Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C.'

Results are rounded for comparison to the CTL criteria as described in FDEP Memo 11/17/2011: Rounding Analytical Data for Site Rehabilitation Completion

Table 1d: Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Instructions can be found below the table

Facility/Site Name:	Triangle Properties
Site Location:	Homestead, Miami-Dade County, Florida
Facility/Site ID No.:	

SCTL Type	Value	Units
Residential Direct Exposure SCTL	0.1	mg/kg
Industrial Direct Exposure SCTL	0.7	mg/kg
Alternative SCTL (Optional)		mg/kg
Site Specific Background (Optional)		mg/kg

TEF = Toxic Equivalency Factor

Soil Sample #	SB-2N-1 (0-0.5)	SB-2N-2 (0-0.5)	SB-2S-1	SB-2S-2	SB-2W-1	SB-2W-2				
Sample Date	10/5/2023	10/5/2023 13:00	10/5/2023 13:10	10/5/2023 13:20	10/5/2023 13:30	10/5/2023 13:40				
Sample Location:										
Depth (ft):										

Contaminant Concentrations

Contaminant	TEF	SB-2N-1 (0-0.5) (mg/kg)	SB-2N-2 (0-0.5) (mg/kg)	SB-2S-1 (mg/kg)	SB-2S-2 (mg/kg)	SB-2W-1 (mg/kg)	SB-2W-2 (mg/kg)				
Benzo(a)pyrene	1.0	0.098	0.22	0.138	0.081	1.28	1.88				
Benzo(a)anthracene	0.1	0.156	0.274	0.208	0.105	2.1	2.88				
Benzo(b)fluoranthene	0.1	0.121	0.281	0.176	0.097	1.95	2.82				
Benzo(k)fluoranthene	0.01	0.04	0.111	0.097	0.028	0.705	1.02				
Chrysene	0.001	0.095	0.225	0.161	0.098	1.65	2.34				
Dibenz(a,h)anthracene	1.0	0.032	0.056	0.033	0.024	0.296	0.342				
Indeno(1,2,3-cd)pyrene	0.1	0.04	0.255	0.159	0.077	1.61	2.26				

Benzo(a)pyrene Equivalents

Contaminant	TEF	SB-2N-1 (0-0.5) (mg/kg)	SB-2N-2 (0-0.5) (mg/kg)	SB-2S-1 (mg/kg)	SB-2S-2 (mg/kg)	SB-2W-1 (mg/kg)	SB-2W-2 (mg/kg)				
Benzo(a)pyrene	1.0	0.0980	0.2200	0.1380	0.0810	1.2800	1.8800	0.0000	0.0000	0.0000	0.0000
Benzo(a)anthracene	0.1	0.0156	0.0274	0.0208	0.0105	0.2100	0.2880	0.0000	0.0000	0.0000	0.0000
Benzo(b)fluoranthene	0.1	0.0121	0.0281	0.0176	0.0097	0.1950	0.2820	0.0000	0.0000	0.0000	0.0000
Benzo(k)fluoranthene	0.01	0.0004	0.0011	0.0010	0.0003	0.0071	0.0102	0.0000	0.0000	0.0000	0.0000
Chrysene	0.001	0.0001	0.0002	0.0002	0.0001	0.0017	0.0023	0.0000	0.0000	0.0000	0.0000
Dibenz(a,h)anthracene	1.0	0.0320	0.0560	0.0330	0.0240	0.2960	0.3420	0.0000	0.0000	0.0000	0.0000
Indeno(1,2,3-cd)pyrene	0.1	0.0040	0.0255	0.0159	0.0077	0.1610	0.2260	0.0000	0.0000	0.0000	0.0000

Total Equivalents

Total Benzo(a)pyrene Equivalents	0.162	0.358	0.226	0.133	2.151	3.031	0.000	0.000	0.000	0.000
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Comparisons to SCTLs

Does This Sample Exceed:	SB-2N-1 (0-0.5) (mg/kg)	SB-2N-2 (0-0.5) (mg/kg)	SB-2S-1 (mg/kg)	SB-2S-2 (mg/kg)	SB-2W-1 (mg/kg)	SB-2W-2 (mg/kg)				
The Residential Direct Exposure SCTL of 0.1 mg/kg?	EXCEEDS	EXCEEDS	EXCEEDS	OK	EXCEEDS	EXCEEDS	OK	OK	OK	OK
The Industrial Direct Exposure SCTL of 0.7 mg/kg?	OK	OK	OK	OK	EXCEEDS	EXCEEDS	OK	OK	OK	OK
No Alternative SCTL Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No Site Specific Background Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 1d: Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Instructions can be found below the table

Facility/Site Name:	Triangle Properties
Site Location:	Homestead, Miami-Dade County, Florida
Facility/Site ID No.:	

SCTL Type	Value	Units
Residential Direct Exposure SCTL	0.1	mg/kg
Industrial Direct Exposure SCTL	0.7	mg/kg
Alternative SCTL (Optional)		mg/kg
Site Specific Background (Optional)		mg/kg

TEF = Toxic Equivalency Factor

Soil Sample #	SB-7N (0-0.5)	SB-7N (0.5-2)	SB-7N (2-4)	SB-7 (0-0.5)	SB-7 (0.5-2)	SB-7 (2-4)	SB-7E (0-0.5)	SB-7E (0.5-2)	SB-7E (2-4)	SB-7S (0-0.5)	SB-7S (0.5-2)	SB-7S (2-4)	SB-7W (0-0.5)	SB-7W (0.5-2)	SB-7W (2-4)	
Sample Date	10/4/2023	10/4/2023 9:25	10/4/2023 9:30	10/4/2023 10:10	10/4/2023 10:15	10/4/2023 10:20	10/4/2023 10:50	10/4/2023 10:55	10/4/2023 11:00	10/4/2023 11:25	10/4/2023 11:30	10/4/2023 11:35	10/4/2023 12:05	10/4/2023 12:10	10/4/2023 12:15	
Sample Location:																
Depth (ft):																
Contaminant Concentrations																
Contaminant	TEF	SB-7N (0-0.5) (mg/kg)	SB-7N (0.5-2) (mg/kg)	SB-7N (2-4) (mg/kg)	SB-7 (0-0.5) (mg/kg)	SB-7 (0.5-2) (mg/kg)	SB-7 (2-4) (mg/kg)	SB-7E (0-0.5) (mg/kg)	SB-7E (0.5-2) (mg/kg)	SB-7E (2-4) (mg/kg)	SB-7S (0-0.5) (mg/kg)	SB-7S (0.5-2) (mg/kg)	SB-7S (2-4) (mg/kg)	SB-7W (0-0.5) (mg/kg)	SB-7W (0.5-2) (mg/kg)	SB-7W (2-4) (mg/kg)
Benzo(a)pyrene	1.0	0.161	0.078	0.0195	0.239	0.129	0.0185	0.098	0.0165	0.0185	0.284	0.07	0.0195	1.25	0.765	0.018
Benzo(a)anthracene	0.1	0.205	0.117	0.0315	0.304	0.149	0.0305	0.141	0.058	0.0305	0.362	0.088	0.0315	1.4	0.829	0.0295
Benzo(b)fluoranthene	0.1	0.239	0.107	0.0275	0.343	0.156	0.0265	0.117	0.0235	0.0265	0.434	0.068	0.0275	2.28	1.33	0.0255
Benzo(k)fluoranthene	0.01	0.11	0.032	0.0315	0.149	0.029	0.0305	0.03	0.027	0.0305	0.144	0.0355	0.0315	0.796	0.338	0.0295
Chrysene	0.001	0.186	0.111	0.0315	0.268	0.131	0.0305	0.114	0.027	0.0305	0.351	0.0355	0.0315	1.7	0.979	0.0295
Dibenz(a,h)anthracene	1.0	0.051	0.0105	0.0105	0.073	0.045	0.01	0.043	0.009	0.01	0.071	0.03	0.0105	0.234	0.157	0.01
Indeno(1,2,3-cd)pyrene	0.1	0.329	0.088	0.0315	0.524	0.207	0.0305	0.105	0.027	0.0305	0.419	0.0355	0.0315	1.68	1.12	0.0295
Benzo(a)pyrene Equivalents																
Contaminant	TEF	SB-7N (0-0.5) (mg/kg)	SB-7N (0.5-2) (mg/kg)	SB-7N (2-4) (mg/kg)	SB-7 (0-0.5) (mg/kg)	SB-7 (0.5-2) (mg/kg)	SB-7 (2-4) (mg/kg)	SB-7E (0-0.5) (mg/kg)	SB-7E (0.5-2) (mg/kg)	SB-7E (2-4) (mg/kg)	SB-7S (0-0.5) (mg/kg)	SB-7S (0.5-2) (mg/kg)	SB-7S (2-4) (mg/kg)	SB-7W (0-0.5) (mg/kg)	SB-7W (0.5-2) (mg/kg)	SB-7W (2-4) (mg/kg)
Benzo(a)pyrene	1.0	0.1610	0.0780	0.0195	0.2390	0.1290	0.0185	0.0980	0.0165	0.0185	0.2840	0.0700	0.0195	1.2500	0.7650	0.0180
Benzo(a)anthracene	0.1	0.0205	0.0117	0.0032	0.0304	0.0149	0.0031	0.0141	0.0058	0.0031	0.0362	0.0088	0.0032	0.1400	0.0829	0.0030
Benzo(b)fluoranthene	0.1	0.0239	0.0107	0.0028	0.0343	0.0156	0.0027	0.0117	0.0024	0.0027	0.0434	0.0068	0.0028	0.2280	0.1330	0.0026
Benzo(k)fluoranthene	0.01	0.0011	0.0003	0.0003	0.0015	0.0003	0.0003	0.0003	0.0003	0.0003	0.0014	0.0004	0.0003	0.0080	0.0034	0.0003
Chrysene	0.001	0.0002	0.0001	0.0000	0.0003	0.0001	0.0000	0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0017	0.0010	0.0000
Dibenz(a,h)anthracene	1.0	0.0510	0.0105	0.0105	0.0730	0.0450	0.0100	0.0430	0.0090	0.0100	0.0710	0.0300	0.0105	0.2340	0.1570	0.0100
Indeno(1,2,3-cd)pyrene	0.1	0.0329	0.0088	0.0032	0.0524	0.0207	0.0031	0.0105	0.0027	0.0031	0.0419	0.0036	0.0032	0.1680	0.1120	0.0030
Total Equivalents																
Total Benzo(a)pyrene Equivalents		0.291	0.120	0.039	0.431	0.226	0.038	0.178	0.037	0.038	0.478	0.120	0.039	2.030	1.254	0.037
Comparisons to SCTLs																
Does This Sample Exceed:	SB-7N (0-0.5) (mg/kg)	SB-7N (0.5-2) (mg/kg)	SB-7N (2-4) (mg/kg)	SB-7 (0-0.5) (mg/kg)	SB-7 (0.5-2) (mg/kg)	SB-7 (2-4) (mg/kg)	SB-7E (0-0.5) (mg/kg)	SB-7E (0.5-2) (mg/kg)	SB-7E (2-4) (mg/kg)	SB-7S (0-0.5) (mg/kg)	SB-7S (0.5-2) (mg/kg)	SB-7S (2-4) (mg/kg)	SB-7W (0-0.5) (mg/kg)	SB-7W (0.5-2) (mg/kg)	SB-7W (2-4) (mg/kg)	
The Residential Direct Exposure SCTL of 0.1 mg/kg?	EXCEEDS	OK	OK	EXCEEDS	EXCEEDS	OK	EXCEEDS	OK	OK	EXCEEDS	OK	OK	EXCEEDS	EXCEEDS	OK	
The Industrial Direct Exposure SCTL of 0.7 mg/kg?	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	EXCEEDS	EXCEEDS	OK	
No Alternative SCTL Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
No Site Specific Background Given	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Table 2a
Groundwater Elevation Summary
Triangle Properties
Homestead, Miami-Dade County, Florida

Well No.	TMW-3C	TMW-6	TMW-7
Diameter	1.5"	2"	1.5"
Total Well Depth	12'	12'	12'
Screen Interval	2'-12'	2'-12'	2'-12'
TOC Elevation	10.00	NA	10.02

Date	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
9/8/2023	3.44	6.56	--		6.50	--			
11/29/2023							3.71	6.31	--

Well No.	TMW-8	TMW-9	SB-7N
Diameter	1.5"	1.5"	NA
Total Well Depth	12'	12'	7'
Screen Interval	2'-12'	2'-12'	NA
TOC Elevation	10.59	11.59	NA

Date	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
10/4/2023								3.50	--
11/30/2023	3.70	6.89	--	3.74	7.85	--			

Well No.	SB-7	SB-7E	SB-7S
Diameter	NA	NA	NA
Total Well Depth	7'	7'	7'
Screen Interval	NA	NA	NA
TOC Elevation	NA	NA	NA

Date	ELEV	DTW	FP	ELEV	DTW	FP	ELEV	DTW	FP
10/4/2023		3.50	--		3.50	--		3.50	--

Well No.	SB-7W	GWP-1
Diameter	NA	1.5"
Total Well Depth	7'	30'
Screen Interval	NA	26'-30'
TOC Elevation	NA	NA

Date	ELEV	DTW	FP	ELEV	DTW	FP
10/5/2023		3.50	--			
11/29/2023					3.70	--

Notes:

ELEV = Groundwater Elevation (TOC elevation minus DTW)

DTW = Depth to Water

FP = Free Product

TOC = Top of Casing Elevation

NA = Not Available

Table 2b
Groundwater Analytical Summary
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	GCTLs	NADCs	TMW-3C	TMW-6	DUP-Triangle	FB-Triangle
				9/8/2023	9/8/2023	9/8/2023	9/8/2023
EPA 200.8 (Total)							
Arsenic	ug/L	10	100		0.65 U	0.65 U	0.65 U
Barium	ug/L	2,000	**		10	9.6	0.3 U
Cadmium	ug/L	5	50		0.28 U	0.28 U	0.28 U
Chromium	ug/L	100	1,000		0.8 U	0.8 U	0.8 U
Lead	ug/L	15	150		1.2 U	1.2 U	1.2 U
Mercury	ug/L	2	**		0.73 U	0.73 U	0.73 U
Selenium	ug/L	50	**		2.1 U	2.1 U	2.1 U
Silver	ug/L	100	**		0.8 U	0.8 U	0.8 U
EPA 8260C							
1,1,1,2-Tetrachloroethane	ug/L	1.3	130		0.4 U	0.4 U	0.4 U
1,1,1-Trichloroethane	ug/L	200	**		0.4 U	0.4 U	0.4 U
1,1,2,2-Tetrachloroethane	ug/L	0.2	20		0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	ug/L	5	***		0.4 U	0.4 U	0.4 U
1,1-Dichloroethane	ug/L	70**	700		0.4 U	0.4 U	0.4 U
1,1-Dichloroethene	ug/L	7**	**		0.4 U	0.4 U	0.4 U
1,1-Dichloropropene	ug/L				0.4 U	0.4 U	0.4 U
1,2,3-Trichlorobenzene	ug/L	70	700		0.4 U	0.4 U	0.4 U
1,2,3-Trichloropropane	ug/L	0.02	2		0.4 U	0.4 U	0.4 U
1,2,4-Trichlorobenzene	ug/L	70	**		1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/L	10	100		0.4 U	0.4 U	0.4 U
1,2-DBCP	ug/L	0.2			0.55 U	0.55 U	0.55 U
1,2-Dibromoethane (EDB)	ug/L	0.02	2		0.4 U	0.4 U	0.4 U
1,2-Dichlorobenzene	ug/L	600	**		0.4 U	0.4 U	0.4 U
1,2-Dichloroethane	ug/L	3	300		0.4 U	0.4 U	0.4 U
1,2-Dichloropropane	ug/L	5	***		0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	ug/L	10	100		0.4 U	0.4 U	0.4 U
1,3-Dichlorobenzene	ug/L	210	2,100		0.4 U	0.4 U	0.4 U
1,3-Dichloropropane	ug/L				0.4 U	0.4 U	0.4 U
1,4-Dichlorobenzene	ug/L	75	***		0.4 U	0.4 U	0.4 U
2,2-Dichloropropane	ug/L				0.4 U	0.4 U	0.4 U
2-Chlorotoluene	ug/L	140	1,400		0.4 U	0.4 U	0.4 U
2-Hexanone	ug/L	280	2,800		0.4 U	0.4 U	0.4 U
4-Chlorotoluene	ug/L	140	1,400		0.4 U	0.4 U	0.4 U
4-Isopropyltoluene	ug/L				0.4 U	0.4 U	0.4 U
4-methyl-2-pentanone	ug/L	560	5,600		0.4 U	0.4 U	0.4 U
Acetone	ug/L	6,300	63,000		5 U	5 U	5 U
Acrolein	ug/L	3.5	35		8.7 U	8.7 U	8.7 U
Acrylonitrile	ug/L	0.06	6		4.2 U	4.2 U	4.2 U
Benzene	ug/L	1	100		0.4 U	0.4 U	0.4 U
Bromobenzene	ug/L				0.4 U	0.4 U	0.4 U
Bromochloromethane	ug/L	91	910		0.4 U	0.4 U	0.4 U
Bromodichloromethane	ug/L	0.6	60		0.4 U	0.4 U	0.4 U
Bromoform	ug/L	4.4	440		0.55 U	0.55 U	0.55 U
Bromomethane	ug/L	9.8	98		4 U	4 U	4 U
Carbon disulfide	ug/L	700	7,000		0.4 U	0.4 U	0.4 U
Carbon tetrachloride	ug/L	3	***		0.4 U	0.4 U	0.4 U
Chlorobenzene	ug/L	100	**		0.4 U	0.4 U	0.4 U
Chloroethane	ug/L	12	1,200		0.4 U	0.4 U	0.4 U
Chloroform	ug/L	70	700		0.4 U	0.4 U	0.4 U
Chloromethane	ug/L	2.7	270		2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	ug/L	70	**		0.4 U	0.4 U	0.4 U
cis-1,3-Dichloropropene	ug/L				0.4 U	0.4 U	0.4 U
cis-1,4-Dichloro-2-butene	ug/L				0.44 U	0.44 U	0.44 U
Dibromochloromethane	ug/L	0.4	40		0.4 U	0.4 U	0.4 U
Dibromomethane	ug/L	70	700		0.4 U	0.4 U	0.4 U
Dichlorodifluoromethane	ug/L	1,400	14,000		0.4 U	0.4 U	0.4 U
Ethyl methacrylate	ug/L	630	6,300		0.4 U	0.4 U	0.4 U
Ethylbenzene	ug/L	30	300		0.4 U	0.4 U	0.4 U
Hexachlorobutadiene	ug/L	0.4	40		1 U	1 U	1 U
Iodomethane	ug/L				0.46 U	0.46 U	0.46 U
Isopropylbenzene (Cumene)	ug/L	0.8	8		0.4 U	0.4 U	0.4 U
m & p-xylene	ug/L				0.4 U	0.4 U	0.4 U
Methyl ethyl ketone (MEK)	ug/L	4,200	42,000		0.64 U	0.64 U	0.64 U
Methylene chloride	ug/L	5			2 U	2 U	2.23 U
Naphthalene	ug/L	14**	140		2 U	2 U	2 U
n-Butylbenzene	ug/L				0.4 U	0.4 U	0.4 U
n-propylbenzene	ug/L				0.4 U	0.4 U	0.4 U
o-Xylene	ug/L				0.4 U	0.4 U	0.4 U

Table 2b
Groundwater Analytical Summary
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	GCTLs	NADCs	TMW-3C		TMW-6		DUP-Triangle		FB-Triangle	
				9/8/2023		9/8/2023		9/8/2023		9/8/2023	
sec-Butylbenzene	ug/L		2,800			0.4	U	0.4	U	0.4	U
Styrene	ug/L	100	**			0.4	U	0.4	U	0.4	U
t-1,4-Dichloro-2-butene	ug/L					0.41	U	0.41	U	0.41	U
tert-Butyl methyl ether (MTBE)	ug/L	20	200			0.4	U	0.4	U	0.4	U
tert-Butylbenzene	ug/L					0.4	U	0.4	U	0.4	U
Tetrachloroethene	ug/L	3	***			0.4	U	0.4	U	0.4	U
Toluene	ug/L	40	400			0.4	U	0.4	U	0.4	U
trans-1,2-Dichloroethene	ug/L	100	**			0.4	U	0.4	U	0.4	U
trans-1,3-Dichloropropene	ug/L					0.4	U	0.4	U	0.4	U
Trichloroethene	ug/L	3				0.4	U	0.4	U	0.4	U
Trichlorofluoromethane	ug/L	2,100	21,000			0.4	U	0.4	U	0.4	U
Vinyl acetate	ug/L	88	880			0.4	U	0.4	U	0.4	U
Vinyl chloride	ug/L	1				0.4	U	0.4	U	0.4	U
Xylenes- Total	ug/L	20	200			0.8	U	0.8	U	0.8	U
EPA 8270/PAH SIM											
1-Methylnaphthalene	ug/L	28	280	0.048	U	0.046	U	0.046	U	0.05	U
2-Methylnaphthalene	ug/L	28	280	0.048	U	0.046	U	0.046	U	0.05	U
Acenaphthene	ug/L	20	200	0.024	U	0.023	U	0.023	U	0.025	U
Acenaphthylene	ug/L	210	2,100	0.024	U	0.023	U	0.023	U	0.025	U
Anthracene	ug/L	2,100	21,000	0.024	U	0.023	U	0.023	U	0.025	U
Benzo(a)anthracene	ug/L	0.05	5	0.027	I	0.023	U	0.023	U	0.025	U
Benzo(a)pyrene	ug/L	0.2	20	0.02	I	0.014	U	0.014	U	0.015	U
Benzo(b)fluoranthene	ug/L	0.05	5	0.028	I	0.014	U	0.014	U	0.015	U
Benzo(g,h,i)perylene	ug/L	210	2,100	0.035	I	0.014	U	0.014	U	0.015	U
Benzo(k)fluoranthene	ug/L	0.5	50	0.035	I	0.014	U	0.014	U	0.015	U
Chrysene	ug/L	4.8	480	0.039	I	0.023	U	0.023	U	0.025	U
Dibenzo(a,h)anthracene	ug/L	0.005	0.5	0.029	I	0.0046	U	0.0046	U	0.005	U
Fluoranthene	ug/L	280	2,800	0.024	U	0.023	U	0.023	U	0.025	U
Fluorene	ug/L	280	2,800	0.024	U	0.023	U	0.023	U	0.025	U
Indeno(1,2,3-cd)pyrene	ug/L	0.05	5	0.052		0.014	U	0.014	U	0.015	U
Naphthalene	ug/L	14**	140	0.048	U	0.046	U	0.046	U	0.05	U
Phenanthrene	ug/L	210	2,100	0.192	U	0.185	U	0.185	U	0.2	U
Pyrene	ug/L	210	2,100	0.024	U	0.023	U	0.023	U	0.025	U
FL-PRO (GC)											
TRPH	mg/L	5	50			0.37	U	0.357	U	0.37	U

Notes:

- GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C. 4/17/2005
- NADCs = Natural Attenuation Default Concentrations - Groundwater Criteria specified in Table V of Chapter 62-777, F.A.C. 4/17/2005
- GCTL** Indicates concentration exceeds GCTL
- NADC** Indicates concentration exceeds NADC
- I = Estimated value, between laboratory reporting limit and method detection limit
- U = Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).
- Bold** Bold results denote analyte was detected above the laboratory method detection limit
- TRPH =** Total Recoverable Petroleum Hydrocarbons

* = As provided in Chapter 62-520, F.A.C. 4/17/2005

** = As provided in Chapter 62-520, F.A.C. 4/17/2005, multiplied by 10X

*** = As provided in Chapter 62-520, F.A.C. 4/17/2005, multiplied by 100X

Table 2c
Groundwater Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	GCTLs	NADCs	7N	7	7E	7S	7W	TMW-7	TMW-8	TMW-9	GWP-1 (26-30)				
				10/4/2023	10/4/2023	10/4/2023	10/4/2023	10/5/2023	11/30/2023	11/30/2023	11/30/2023	11/29/2023				
EPA 200.8 (Dissolved)																
Arsenic	ug/L	10	100	1.8	I	0.84	I	0.65	U	0.65	U	2	NA	NA	NA	NA
Barium	ug/L	2,000	**	4.6		9.7		15		5.8		17	NA	NA	NA	NA
Cadmium	ug/L	5	50	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	NA	NA	NA
Chromium	ug/L	100	1,000	0.8	U	0.8	U	0.8	U	0.8	U	1.1	I	NA	NA	NA
Lead	ug/L	15	150	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	NA	NA	NA
Mercury	ug/L	2	**	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U	NA	NA	NA
Selenium	ug/L	50	**	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	NA	NA	NA
Silver	ug/L	100	**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA	NA	NA
EPA 200.8 (Total)																
Arsenic	ug/L	10	100	2.2		1.4	I	0.86	I	0.92	I	2.5	NA	NA	NA	NA
Barium	ug/L	2,000	**	8.9		19		23		12		38	NA	NA	NA	NA
Cadmium	ug/L	5	50	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	NA	NA	NA
Chromium	ug/L	100	1,000	4.1		3.9		4		4.2		11	NA	NA	NA	NA
Lead	ug/L	15	150	1.2	U	11		2.7		1.3	I	1.2	U	NA	NA	NA
Mercury	ug/L	2	**	0.73	U	0.73	U	0.73	U	0.73	U	0.73	U	NA	NA	NA
Selenium	ug/L	50	**	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	NA	NA	NA
Silver	ug/L	100	**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA	NA	NA
EPA 8260C																
1,1,1,2-Tetrachloroethane	ug/L	1.3	130	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,1,1-Trichloroethane	ug/L	200	**	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,1,2,2-Tetrachloroethane	ug/L	0.2	20	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA	NA	NA
1,1,2-Trichloroethane	ug/L	5	***	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,1-Dichloroethane	ug/L	70**	700	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,1-Dichloroethene	ug/L	7**	**	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,1-Dichloropropene	ug/L			0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2,3-Trichlorobenzene	ug/L	70	700	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2,3-Trichloropropane	ug/L	0.02	2	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2,4-Trichlorobenzene	ug/L	70	**	1	U	1	U	1	U	1	U	1	U	NA	NA	NA
1,2,4-Trimethylbenzene	ug/L	10	100	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2-DBCP	ug/L	0.2		0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	NA	NA	NA
1,2-Dibromoethane (EDB)	ug/L	0.02	2	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2-Dichlorobenzene	ug/L	600	**	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2-Dichloroethane	ug/L	3	300	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,2-Dichloropropane	ug/L	5	***	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,3,5-Trimethylbenzene	ug/L	10	100	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,3-Dichlorobenzene	ug/L	210	2,100	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,3-Dichloropropane	ug/L			0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
1,4-Dichlorobenzene	ug/L	75	***	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
2,2-Dichloropropane	ug/L			0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
2-Chlorotoluene	ug/L	140	1,400	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
2-Hexanone	ug/L	280	2,800	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA
4-Chlorotoluene	ug/L	140	1,400	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA

Table 2c
Groundwater Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	GCTLs	NADCs	7N		7		7E		7S		7W		TMW-7		TMW-8		TMW-9		GWP-1 (26-30)	
				10/4/2023		10/4/2023		10/4/2023		10/4/2023		10/5/2023		11/30/2023		11/30/2023		11/30/2023		11/29/2023	
4-Isopropyltoluene	ug/L			0.4	U	NA		NA		NA		NA									
4-methyl-2-pentanone	ug/L	560	5,600	0.4	U	NA		NA		NA		NA									
Acetone	ug/L	6,300	63,000	5	U	5	U	5	U	5	U	5	U	NA		NA		NA		NA	
Acrolein	ug/L	3.5	35	8.7	U	NA		NA		NA		NA									
Acrylonitrile	ug/L	0.06	6	4.2	U	NA		NA		NA		NA									
Benzene	ug/L	1	100	0.4	U	NA		NA		NA		NA									
Bromobenzene	ug/L			0.4	U	NA		NA		NA		NA									
Bromochloromethane	ug/L	91	910	0.4	U	NA		NA		NA		NA									
Bromodichloromethane	ug/L	0.6	60	0.4	U	NA		NA		NA		NA									
Bromoform	ug/L	4.4	440	0.55	U	NA		NA		NA		NA									
Bromomethane	ug/L	9.8	98	4	U	4	U	4	U	4	U	4	U	NA		NA		NA		NA	
Carbon disulfide	ug/L	700	7,000	0.4	U	NA		NA		NA		NA									
Carbon tetrachloride	ug/L	3	***	0.4	U	NA		NA		NA		NA									
Chlorobenzene	ug/L	100	**	0.4	U	NA		NA		NA		NA									
Chloroethane	ug/L	12	1,200	0.4	U	NA		NA		NA		NA									
Chloroform	ug/L	70	700	0.4	U	2.37		6.2		0.96	I	0.4	U	NA		NA		NA		NA	
Chloromethane	ug/L	2.7	270	2.5	U	NA		NA		NA		NA									
cis-1,2-Dichloroethene	ug/L	70	**	0.4	U	NA		NA		NA		NA									
cis-1,3-Dichloropropene	ug/L			0.4	U	NA		NA		NA		NA									
cis-1,4-Dichloro-2-butene	ug/L			0.44	U	NA		NA		NA		NA									
Dibromochloromethane	ug/L	0.4	40	0.4	U	NA		NA		NA		NA									
Dibromomethane	ug/L	70	700	0.4	U	NA		NA		NA		NA									
Dichlorodifluoromethane	ug/L	1,400	14,000	0.4	U	NA		NA		NA		NA									
Ethyl methacrylate	ug/L	630	6300	0.4	U	NA		NA		NA		NA									
Ethylbenzene	ug/L	30	300	0.4	U	NA		NA		NA		NA									
Hexachlorobutadiene	ug/L	0.4	40	1	U	1	U	1	U	1	U	1	U	NA		NA		NA		NA	
Iodomethane	ug/L			0.46	U	NA		NA		NA		NA									
Isopropylbenzene (Cumene)	ug/L	0.8	8	0.4	U	NA		NA		NA		NA									
m & p-xylene	ug/L			0.4	U	NA		NA		NA		NA									
Methyl ethyl ketone (MEK)	ug/L	4,200	42,000	0.64	U	NA		NA		NA		NA									
Methylene chloride	ug/L	5		2	U	2	U	2	U	2	U	2	U	NA		NA		NA		NA	
Naphthalene	ug/L	14**	140	2	U	2	U	2	U	2	U	2	U	NA		NA		NA		NA	
n-Butylbenzene	ug/L			0.4	U	NA		NA		NA		NA									
n-propylbenzene	ug/L			0.4	U	NA		NA		NA		NA									
o-Xylene	ug/L			0.4	U	NA		NA		NA		NA									
sec-Butylbenzene	ug/L		2,800	0.4	U	NA		NA		NA		NA									
Styrene	ug/L	100	**	0.4	U	NA		NA		NA		NA									
t-1,4-Dichloro-2-butene	ug/L			0.41	U	NA		NA		NA		NA									
tert-Butyl methyl ether (MTBE)	ug/L	20	200	0.4	U	NA		NA		NA		NA									
tert-Butylbenzene	ug/L			0.4	U	NA		NA		NA		NA									
Tetrachloroethene	ug/L	3	***	0.4	U	NA		NA		NA		NA									
Toluene	ug/L	40	400	0.4	U	NA		NA		NA		NA									
trans-1,2-Dichloroethene	ug/L	100	**	0.4	U	NA		NA		NA		NA									

Table 2c
Groundwater Analytical Summary (Supplemental)
Triangle Properties
Homestead, Miami-Dade County, Florida

Analyte	Units	GCTLs	NADCs	7N		7		7E		7S		7W		TMW-7		TMW-8		TMW-9		GWP-1 (26-30)	
				10/4/2023		10/4/2023		10/4/2023		10/4/2023		10/5/2023		11/30/2023		11/30/2023		11/30/2023		11/29/2023	
trans-1,3-Dichloropropene	ug/L			0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		NA		NA		NA	
Trichloroethene	ug/L	3		0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		NA		NA		NA	
Trichlorofluoromethane	ug/L	2,100	21,000	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		NA		NA		NA	
Vinyl acetate	ug/L	88	880	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		NA		NA		NA	
Vinyl chloride	ug/L	1		0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		NA		NA		NA	
Xylenes- Total	ug/L	20	200	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA		NA		NA		NA	
EPA 8270/PAH SIM																					
1-Methylnaphthalene	ug/L	28	280	0.048	U	0.048	U	0.048	U	0.046	U	0.048	U	0.046	U	0.046	U	0.06	I	0.046	U
2-Methylnaphthalene	ug/L	28	280	0.088	I	0.092	I	0.09	I	0.09	I	0.048	U	0.046	U	0.046	U	0.115		0.046	U
Acenaphthene	ug/L	20	200	0.024	U	0.024	U	0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Acenaphthylene	ug/L	210	2,100	0.024	U	0.024	U	0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Anthracene	ug/L	2,100	21,000	0.024	U	0.024	U	0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Benzo(a)anthracene	ug/L	0.05	5	0.024	U	0.115		0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Benzo(a)pyrene	ug/L	0.2	20	0.014	U	0.115		0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Benzo(b)fluoranthene	ug/L	0.05	5	0.014	U	0.135		0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Benzo(g,h,i)perylene	ug/L	210	2,100	0.014	U	0.171		0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Benzo(k)fluoranthene	ug/L	0.5	50	0.014	U	0.097		0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Chrysene	ug/L	4.8	480	0.024	U	0.075		0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Dibenzo(a,h)anthracene	ug/L	0.005	0.5	0.0048	U	0.037	I	0.0048	U	0.0046	U	0.0048	U	0.0046	U	0.0046	U	0.0046	U	0.0046	U
Fluoranthene	ug/L	280	2,800	0.024	U	0.114		0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Fluorene	ug/L	280	2,800	0.024	U	0.024	U	0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
Indeno(1,2,3-cd)pyrene	ug/L	0.05	5	0.014	U	0.196		0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Naphthalene	ug/L	14**	140	0.048	U	0.048	U	0.048	U	0.046	U	0.048	U	0.046	U	0.046	U	0.077	I	0.046	U
Phenanthrene	ug/L	210	2,100	0.192	U	0.192	U	0.192	U	0.185	U	0.192	U	0.185	U	0.185	U	0.185	U	0.185	U
Pyrene	ug/L	210	2,100	0.024	U	0.075		0.024	U	0.023	U	0.024	U	0.023	U	0.023	U	0.023	U	0.023	U
FL-PRO (GC)																					
TRPH	mg/L	5	50	0.37	U	0.37	U	0.385	U	0.37	U	0.37	U	NA		NA		NA		NA	

Notes:

- GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.
- NADCs = Natural Attenuation Default Concentrations - Groundwater Criteria specified in Table V of
- GCTL** Indicates concentration exceeds GCTL
- NADC** Indicates concentration exceeds NADC
- I = Estimated value, between laboratory reporting limit and method detection limit
- U = Indicates that the compound was analyzed for but not detected above the method
- Bold** Bold results denote analyte was detected above the laboratory method detection limit
- TRPH =** Total Recoverable Petroleum Hydrocarbons
- NA =** Not Analyzed
- * = As provided in Chapter 62-520, F.A.C. 4/17/2005
- ** = As provided in Chapter 62-520, F.A.C. 4/17/2005, multiplied by 10X
- *** = As provided in Chapter 62-520, F.A.C. 4/17/2005, multiplied by 100X

APPENDICES



Appendix A FIELD LOGS



Location Homestead, FL

Date 9/7/23

Project / Client Iconic / Triangle

Alex Jones / Startec

81°F clear

800 Leave hotel
 805 stop for additional water truck
 830 Arrive onsite at Iconic
 835 Calibrate PID
 836 Tailgate meeting with Drillers
 905 Start GW-25R boring
 1000 GW-25R installed, 2-12' temp well
 1020 Start GW-12R boring
 1055 GW-12R installed, 2-12' temp well
 1210 GW-12R finished development
 (GW-25R finished at ~~1000~~ 1130)
 1215 Drillers offsite for lunch
 1320 Drillers back onsite
 1330 move to Triangle site
 1415 Start SB-6 / Trm-6
 1511 Jupiter Cab courier onsite
 to relinquish samples for Flasker & Triangle
 1515 Courier offsite
 1520 Start SB-5N
 1523 Finish SB-5N
 1530 Start SB-5W & Trm-6 development
 start
 1525 Finish SB-5W
 1528 Start SB-5E stop at 1530
 1535 Start SB-4N stop at 1537
 1538 Start SB-4S stop at 1539

Location Homesteady FL

Date

9/8/20

Project / Client Iconic / Triangle

Alex Jones / Stanton

80⁰ iced

730	Leave hotel
735	Stop to pick up additional ice & water
800	Onsite at Iconic, V. Urgiles onsite
805 805	ETA onsite
815	conduct Rm 52 hallway meeting
820	Setup on SB-20
825	Start SB-20
845	Finish SB-20
850	Start SB-21
910	Finish SB-21
915	Start SB-22
935	Finish SB-22
940	Start SB-23
1000	Finish SB-23
1005	Start SB-24
1025	Finish SB-24
1030	Start SB-25
1050	Finish SB-25
1055	Start SB-26
1115	Finish SB-26
1120	Start SB-27
1140	Finish SB-27
1145 1145	Start SB-28
1205	Finish SB-28

1210	Start	SB-2A							
1230	Finish	SB-2A							
1235	Finish	Iconic	Soil borings,						
			pack up to move back to						
			Triangle properties						
1245	move to	Triangle properties	setup						
1250	Start	SB-3W							
1305	Finish	SB-3W							
1310	Start	SB-3N							
1325	Finish	SB-3N							
1330	Start	SB-3S							
1345	Finish	SB-3S							
1350	Start	SB-3E							
1405	Finish	SB-3E							
1410	Drillers / Earth Team	Off site							
1420	work on	COC	pack up equipment						
1500	Offsite								
1620	Relinquish	Samples	with Jupiter						
		Lab's	Carrier						
1625	Head	back to	Tampa						
2030	End	of day	Arrive back in Tampa						

Rite in the Rain

BORING LOG

Boring/Well Number: SB-2N		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1545 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1547 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones <i>Wrotor Ursula</i>		Environmental Technician's Name:	
Drilling Company: Earth Tech		Pavement Thickness (inches): 9.5	Borehole Diameter (inches): 4		Borehole Depth (feet): 0.5
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.2	1	sand, loose, brown, fine	Sm	D	0-0.5 1545
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-25		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23	Borehole Start Time: 1548	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 9/7/23
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Ugales		Environmental Technician's Name: -	
Drilling Company: Fahr Tech	Pavement Thickness (inches): grass	Borehole Diameter (inches): 4		Borehole Depth (feet): 0.5	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.1	1	sand fine, brown	Sm	D	0-0.5 1549
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6	8					6				
	6-7	8					7				
	7-8	8					8				
	8-9	8					9				
	9-10	8					10				
	10-11	8					11				
	11-12	8					12				

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

BORING LOG

Boring/Well Number: SB-2E		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1550 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1551 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urgiles		Environmental Technician's Name: —	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass	Borehole Diameter (inches): 4		Borehole Depth (feet): 0.5
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.5	1	Sand, fine, brown large	SM	D	0-0.5 1550
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-2W		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23		Borehole Start Time: 1552 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
		End Date: 9/7/23		End Time: 1553 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urista		Environmental Technician's Name: —	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass		Borehole Diameter (inches): 4	
				Borehole Depth (feet): 0.5	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description <small>(include grain size based on USCS, odors, staining, and other remarks)</small>	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples <small>(list sample number and depth or temporary screen interval)</small>
HA	0-1	8				0.1	1	Sand, fine, brown	Sm	D	0-0.5
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-3N		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/8/23 End Date: 9/8/23		Borehole Start Time: 1310 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1325 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urgies		Environmental Technician's Name:	
Drilling Company: Exam Tech		Pavement Thickness (inches): grass	Borehole Diameter (inches): 4		Borehole Depth (feet): 9
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓	0-1	8				0	1	Sand, fine, brown	sm	D	0-0.5 1315
	1-2	8				0.1	2	↓			0.5-2 1320
	2-3	8					3	crushed limestone			
	3-4	8				0	4	↓			2-4 1325
	4-5	8					5	SAR		W	
	5-6						6	EOB			DUP e 2-4
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-35		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/8/23	Borehole Start Time: 1330	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
		End Date: 9/8/23	End Time: 1345	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urgiv		Environmental Technician's Name: -	
Drilling Company: Earth Tell		Pavement Thickness (inches): 3' 2.5"	Borehole Diameter (inches): 4	Borehole Depth (feet): 5	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓	0-1	8				0	1	Sand, fine, brown.	Sm	1)	0-0.5 1335
	1-2	8				0	2	linerock		1)	0.5-2 1340
	2-3	8				0	3	crushed linerock		W	2-4 1345
	3-4	8				0	4	↓ SAA		W	
	4-5	8				0	5	E.O.B		W	
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-3W		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/8/23 End Date: 9/8/23		Borehole Start Time: 1250 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1305 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urbles		Environmental Technician's Name:	
Drilling Company: Econ Tech		Pavement Thickness (inches): grax	Borehole Diameter (inches): 4		Borehole Depth (feet): 9
Drilling Method(s):		Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
	0-1	8				0.1	1	Scr 2, fine, brown	SM	D	0-0.5 1255
	1-2	8				0.2	2	limerock	M		0.5-2 1300
	2-3	8					3				
	3-4	8				0.1	4				2-4 1305
	4-5	8					5	↓ SAE		W	
	5-6						6	EOB			
	6-7						7				Dir 2
	7-8						8				0.5-2
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-3E		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 8/23	Borehole Start Time: 1350	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	End Date: 8/23
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones/Victor Urgiles		Environmental Technician's Name: -	
Drilling Company: Each Ten	Pavement Thickness (inches): 5.25	Borehole Diameter (inches): 4	Borehole Depth (feet): 5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓	0-1	8				0	1	sd. fine, brown	Sm	D	0-0.5 1355
	1-2	8				0.1	2	↓ linerock		D	0.5-2 1400
	2-3	8					3	↓ crushed linerock		M	
	3-4	8				0	4	↓		W	24
	4-5	8					5	↓ SAA			1405
	5-6						6	EOB			
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4N		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1535 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1537 <input type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones VYCB/UG/BS		Environmental Technician's Name:	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass	Borehole Diameter (inches): 4		Borehole Depth (feet): 0-0.5
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID
Disposition of Drill Cuttings (check method(s)): <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.8	1	sand, loose dk brown	sm	D	0-0.5 1535
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-45		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1538 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1539 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones Victor Digles		Environmental Technician's Name: —	
Drilling Company: Each Tech		Pavement Thickness (inches): grass		Borehole Diameter (inches): 4	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
Disposition of Drill Cuttings [check method(s)]:		<input checked="" type="checkbox"/> Drum		<input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other	
(describe if other or multiple items are checked):		Borehole Completion (check one):		<input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)	

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.7	1	Sand, loose, dk brown, fine	SM	D	0-0.5
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB 4E		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1540 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM End Time: 1540 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Orjiles		Environmental Technician's Name: —	
Drilling Company: Earth Tech		Pavement Thickness (inches): 0.15	Borehole Diameter (inches): 4		Borehole Depth (feet): 0.5
Drilling Method(s): LHA	Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.1	1	Sand, fine, dk brown, loose	Sm	D	0-0.5 1540
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6	8					6				
	6-7	8					7				
	7-8	8					8				
	8-9	8					9				
	9-10	8					10				
	10-11	8					11				
	11-12	8					12				

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

BORING LOG

Boring/Well Number: SB-4W		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1542 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1543 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Ugiles		Environmental Technician's Name: -	
Drilling Company: Each Test		Pavement Thickness (inches): grass		Borehole Diameter (inches): 4	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.7	1	Sand, fine, dk brown, loose	Sm	D	0-0.5
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6	8					6				
	6-7	8					7				
	7-8	8					8				
	8-9	8					9				
	9-10	8					10				
	10-11	8					11				
	11-12	8					12				

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

BORING LOG

Boring/Well Number: SB-5N		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23		Borehole Start Time: 1520 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
		End Date:		End Time: 1523 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urgib		Environmental Technician's Name: -	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass	Borehole Diameter (inches): 4		Borehole Depth (feet): 0.5
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description <small>(include grain size based on USCS, odors, staining, and other remarks)</small>	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples <small>(list sample number and depth or temporary screen interval)</small>
HA	0-1	8	/	/	/	0.1	1	sand, fine, loose, brown	SM	D	0-0.5 1520
	1-2	8	/	/	/		2				
	2-3	8	/	/	/		3				
	3-4	8	/	/	/		4				
	4-5	8	/	/	/		5				
	5-6	8	/	/	/		6				
	6-7	8	/	/	/		7				
	7-8	8	/	/	/		8				
	8-9	8	/	/	/		9				
	9-10	8	/	/	/		10				
	10-11	8	/	/	/		11				
	11-12	8	/	/	/		12				

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

BORING LOG

Boring/Well Number: SB-5 E		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23		Borehole Start Time: 1528 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
		End Date: 9/7/23		End Time: 1530 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urigas		Environmental Technician's Name: —	
Drilling Company: Earth Tech		Pavement Thickness (inches): glass		Borehole Diameter (inches): 4	
				Borehole Depth (feet): 0.5	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.1	1	Sand, fine, brown, 100%	SM	D	0.05 1528
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-55		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1523 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1524 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Ustiles		Environmental Technician's Name: —	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass	Borehole Diameter (inches): 4	Borehole Depth (feet): 0.5	
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1	8				0.2	1	Sand, fine, brown, loose	SM	D	0-0.2
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6	8					6				
	6-7	8					7				
	7-8	8					8				
	8-9	8					9				
	9-10	8					10				
	10-11	8					11				
	11-12	8					12				

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

BORING LOG

Boring/Well Number: SB-5W		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 7/7/23		Borehole Start Time: 1525 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
		End Date:		End Time: 1530 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urgiles		Environmental Technician's Name: —	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass		Borehole Diameter (inches): 1.1	
				Borehole Depth (feet): 0.5	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description <small>(include grain size based on USCS, odors, staining, and other remarks)</small>	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples <small>(list sample number and depth or temporary screen interval)</small>
HA	0-1	8					1	Sand, dk brown loose, fine organic material	sm	D	0-0.5
	1-2	8					2				
	2-3	8					3				
	3-4	8					4				
	4-5	8					5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-6 / Tmr-6		Permit Number:		FDEP Facility Identification Number:	
Site Name: Triangle		Borehole Start Date: 9/7/23 End Date: 9/7/23		Borehole Start Time: 1415 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM End Time: 1510 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Alex Jones / Victor Urgib		Environmental Technician's Name: -	
Drilling Company: Earth Tech		Pavement Thickness (inches): grass	Borehole Diameter (inches): 4		Borehole Depth (feet): 12
Drilling Method(s): HA / DP		Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID
Disposition of Drill Cuttings [check method(s)]: <input checked="" type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA ↓ DP	0-1	8				0.2	1	sand, fine brown, 15% limerock pieces	SM	D	0-0.5 1420
	1-2	8				0.0	2	↓			0.5-2
	2-3	8					3	↓			1425
	3-4	8				0.5	4	crushed limerock		W	2-4 1430
	4-5	8					5				
	5-6						6			S	
	6-7						7				
	7-8						8			S	
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12		SAA EDB		S

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

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: <u>Homestead Triangle</u>	SITE LOCATION: <u>Homestead, FL</u>
WELL NO: <u>TMW-3-C</u>	DATE: <u>9/8/23</u>

PURGING DATA

WELL DIAMETER (inches): <u>1.5</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>2</u> feet to <u>12</u> feet	STATIC DEPTH TO WATER (feet): <u>6.56</u> ^{10L}	PURGE PUMP TYPE OR BAILER: <u>APP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (<u>12</u> feet - <u>3.56</u> feet) X <u>0.1</u> gallons/foot = <u>0.844</u> gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>7.8</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>7.8</u>	PURGING INITIATED AT: <u>1223</u>	PURGING ENDED AT: <u>1250</u>	TOTAL VOLUME PURGED (gallons): <u>2.7</u>

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	ORP. (mV)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1232	0.9	0.9	0.1	6.58	7.20	24.63	451	—	1.75	9.31	clear	—
1235	0.3	1.2	"	"	7.20	24.67	451	—	2.05	10.1	"	—
1238	0.3	1.5	"	"	7.20	24.60	452	—	2.25	18.5	"	—
1241	0.3	1.8	"	"	7.19	24.59	452	—	2.45	15.0	"	—
1244	0.3	2.1	"	"	7.20	24.67	453	—	2.67	11.7	"	—
1247	0.3	2.4	"	"	7.20	24.68	453	—	2.71	9.87	"	—
1250	0.3	2.7	"	"	7.19	24.	453	—	2.80	10.0	"	—

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>E. Gonzalez / Stattee</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	SAMPLING INITIATED AT: <u>1251</u>	SAMPLING ENDED AT: <u>1256</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>7.8</u>	TUBING MATERIAL CODE: <u>HDPE</u>	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: _____
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	AG	250 mL	—	—	—	8270	APP	379
	1	↓	1L	—	—	—	PA4	↓	↓

REMARKS: High DO → within ±0.2 mg/L

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

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

- NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

Pg 1 of 2

SITE NAME: Homestead Triangle	SITE LOCATION: Homestead, FL
WELL NO: TMW-6	DATE: 9/8/23

PURGING DATA

WELL DIAMETER (inches): 1	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 6.50 ^{TOC}	PURGE PUMP TYPE OR BAILER: APP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY = (12 feet - 6.50 feet) X 0.04 gallons/foot = 0.34 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME = 0.34 gallons + (0.0006 gallons/foot X 7.8 feet) + 0 gallons = 0.34 gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.8	PURGING INITIATED AT: 1310	PURGING ENDED AT: 1347	TOTAL VOLUME PURGED (gallons): 3.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	ORP. (mV)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1314	0.4	0.4	0.1	6.53	7.20	25.80	451	-	2.41	+++	Milky	-
1317	0.3	0.7	"	"	7.19	25.71	448	-	2.35	+++	"	-
1320	0.3	1.0	"	"	7.18	25.66	443	-	2.40	+++	"	-
1323	0.3	1.3	"	"	7.18	25.62	437	-	2.52	440	"	-
1326	0.3	1.6	"	"	7.17	25.52	433	-	2.47	215	"	-
1329	0.3	1.9	"	"	7.16	25.50	431	-	2.62	117	"	-
1332	0.3	2.2	"	"	7.17	25.55	426	-	2.57	67.8	cloudy	-
1335	0.3	2.5	"	"	7.17	25.54	430	-	2.51	39.8	"	-
1338	0.3	2.8	"	"	7.17	25.61	430	-	2.46	27.3	clear	-
1341	0.3	3.1	"	"	7.16	25.60	429	-	2.48	18.3	"	-
1344	0.3	3.4	"	"	7.17	25.58	429	-	2.58	14.5	"	-

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: E. Gonzalez / Stattec	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: 1348	SAMPLING ENDED AT: 1359
PUMP OR TUBING DEPTH IN WELL (feet): 7.8	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	FILTER SIZE: _____
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/>	TUBING Y <input checked="" type="checkbox"/> N (replaced) <input checked="" type="checkbox"/>	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	100 mL	HNO3	—	—	As tot	APP	379
	1	↓	↓	↓	—	—	As dis	↓	↓
	1	AG	1L	—	—	—	8270	↓	↓
	1	↓	250 mL	—	—	—	PAH	↓	↓
	1	↓	↓	HCL	—	—	TRP4	↓	↓
	3	CG	40 mL	↓	—	—	VOCs	↓	↓

REMARKS: +++ = too high for turb meter to read

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

BORING LOG

Boring/Well Number: SB-7N		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/03	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Cardno, Inc		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 7		
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): ~4	Measured Well DTW (in feet after water recharges in well): 3.5	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-1.5 @ 920 0.5-2 @ 925 2-4 @ 930
	1-2						2	Pale Brown weathered Limestone		M W S	6 @ 3.7 @ 945 7N
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8	EOB			
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-7		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/33	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 	
Environmental Contractor: Gardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 7		
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): 2.4	Measured Well DTW (in feet after water recharges in well): 3.5	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1010 0.5-2 @ 1015 2-4 @ 1020
	1-2						2	Pale Brown weathered Limestone		M W S	
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8	EOB			
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-7E		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/7/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stanley Gardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFEE		Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/2	Borehole Depth (feet): 7	
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content): ~4	Measured Well DTW (in feet after water recharges in well): 3.5	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other					
Borehole Completion (check one):					
<input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)	
HA DP 	0-1						1	Brown SFS		D	0-05@1050 0.5-2@1055 2-4@1100	
	1-2						2	Pale Brown weathered Limestone		M W S		
	2-3						3					
	3-4						4					
	4-5						5					
	5-6							6				
	6-7							7				
	7-8							8	EOB			
	8-9							9				
	9-10							10				
	10-11							11				
	11-12							12				

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

BORING LOG

Boring/Well Number: SB-75 SB-75		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Sardno, Inc. <i>Stuber</i>		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/2	Borehole Depth (feet): 7		
Drilling Method(s): AA/DP	Apparent Borehole DTW (in feet from soil moisture content): ~4	Measured Well DTW (in feet after water recharges in well): 3.5	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 125 0.5-2 @ 1130 2-4 @ 1135
	1-2						2	Pale Brown weathered LS		M W S	6 @ 2-7 7 @ 1150 75
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-7W		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date: 10/5/23	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE		Pavement Thickness (inches):	Borehole Diameter (inches): 3.5	Borehole Depth (feet): 7	
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content): ~4	Measured Well DTW (in feet after water recharges in well): 3.5	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA DP ↓	0-1						1	Brown SFS		D	0-2.5@1205 2.5-2@1210 2-4@1215
	1-2						2	Pale Brown weathered Limestone		M	6W@3-7 7W@ 1205 * on 10/5/23 @1410
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8	EOB			
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-6N-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> PID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1240
	1-2						2	FOB			
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring Well Number: SB-6E-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stentec <small>Cardno, Inc.</small>		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JACE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS			0-0.50 1048 1250
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-6S-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec Gardco, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1300
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-6W-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Stan Tec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEI	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/2	Borehole Depth (feet): 0.5		
Drilling Method(s):	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	6-0.5@1310
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-6W-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date:	
Environmental Contractor: Stawec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFFE	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1320
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring Well Number: SB-6S-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: GenTec Cardo, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s):	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1320
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-SN-1		Permit Number:		FDEP Facility Identification Number:							
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM								
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM								
Environmental Contractor: Gardno, Inc. Santec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:							
Drilling Company: JAE		Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5							
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID							
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):											
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1340
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-SN-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3.4	Borehole Depth (feet): 3.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other					
Borehole Completion (check one):					
<input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	<u>Brown SFS</u>		D	0-0.5 @ 1350
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-SE-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/03	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stawee Gardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEFE		Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 100
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring Well Number: SB-SE-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date:	
Environmental Contractor: Stoutec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.50 1410
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring Well Number: SB-SW-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/03	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE E	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0.05/1420
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-5W-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stater -Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFEE		Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1430
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-SW-3		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/03	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stewart Gardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company:		Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4		Borehole Depth (feet): 0.5
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS			0-0.5 @ 1440
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring Well Number: SB-5W-4		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 	
Environmental Contractor: Stattec Carono Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEI	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFs		D	0-0.5 @ 1450
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: 8B-55-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stanbec Gardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFEE	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	<u>Brown SFS</u>			0-0.5 @ 1500
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-55-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/4/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
End Date:		End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM			
Environmental Contractor: Stantec Cardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS			0-0.5 @ 1510
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4N-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Hammstead Triangle		Borehole Start Date: 10/5/03	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Gardner, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-050910
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4N-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homesud Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Stantec Gardno, Inc.		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0-5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-05 @ 920
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4E-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFEE	Pavement Thickness (inches):	Borehole Diameter (inches): 3.4	Borehole Depth (feet): 8.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown ST-3			10-050990
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4E-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homeshead Triangle Wendwood		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	D-0.50940
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-49-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFI	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFs		D	0-0.5 @ 0.50
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring Well Number: SB-45-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date:	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEFF	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0.5 @ 1000
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4W-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homeshead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFEE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1010
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

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

BORING LOG

Boring/Well Number: SB-4W-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAFFE	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s):	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other					
Borehole Completion (check one):					
<input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFs		D	2-25 @ 1020
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-4W-3		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEI	Pavement Thickness (inches):	Borehole Diameter (inches): 3/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SS		D	0-0.5 @ 1030
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

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

BORING LOG

Boring/Well Number: SB-4W-4		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homesked Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEF	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 0.5		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.50/0.40
	1-2						2				
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-3N1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/03	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM	End Date: 	
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAKE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 2		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: (describe if other or multiple items are checked):					
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other					
Borehole Completion (check one):					
<input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1650 0.5-2 @ 1155
	1-2						2	Pale Brown weathered LS		M	
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-3N-2		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAEI		Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 2	
Drilling Method(s): HA		Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown STS		D	0-2.5 @ 105 2.5-2 @ 110
	1-2						2	Weathered CS		M	
	2-3						3				
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

Boring/Well Number: SB-3E-1		Permit Number:		FDEP Facility Identification Number:	
Site Name: Homestead Triangle		Borehole Start Date: 10/5/23	Borehole Start Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
		End Date:	End Time: <input type="checkbox"/> AM <input type="checkbox"/> PM		
Environmental Contractor: Stantec		Geologist's/Engineer's Name: Enrico Gonzalez		Environmental Technician's Name:	
Drilling Company: JAE	Pavement Thickness (inches):	Borehole Diameter (inches): 3 1/4	Borehole Depth (feet): 2		
Drilling Method(s): HA	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Phocheck Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID		
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):					
Borehole Completion (check one): <input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA	0-1						1	Brown SFS		D	0-0.5 @ 1123 0.5-2 @ 1125
	1-2						2	Weathered LS			
	2-3						3	EOB			
	3-4						4				
	4-5						5				
	5-6						6				
	6-7						7				
	7-8						8				
	8-9						9				
	9-10						10				
	10-11						11				
	11-12						12				

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

BORING LOG

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Boring/Well Number: SB-3E-2		FDEP Facility Identification Number:			Site Name: Homestead Triangle		Borehole Start Date: 10/5/23 End Date:				
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	Brain SFS		D	0-0.5 @ 1135 0.5-2 @ 1140
							2	Weathered LS			
								EOB			

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

BORING LOG

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Boring/Well Number: SB-3W-1		FDEP Facility Identification Number:			Site Name: Homestead Triangle		Borehole Start Date: 10/5/23 End Date:				
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	Brown SS		D	0-0.5 @ 150
								EOB		W	

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

BORING LOG

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Boring/Well Number: SB-3W-2		FDEP Facility Identification Number:			Site Name: Homestead Triangle		Borehole Start Date: 10/18/23		End Date:		
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	Brown SFS EOR			0-0.5 @ 100

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

BORING LOG

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Boring/Well Number:		FDEP Facility Identification Number:		Site Name:		Borehole Start Date:		End Date:			
SB-38-1				Harvested Triangle		10/5/23					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
D							1	Brown SFS		D	00-5@1210

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

BORING LOG

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Boring/Well Number: SB-38-2		FDEP Facility Identification Number:			Site Name: Honestad Triangle		Borehole Start Date: 70/3/03		End Date:		
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
#							1	Brown SFS		D	0-05 @ 1220

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

BORING LOG

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Boring/Well Number: <i>SB-2N-2</i>		FDEP Facility Identification Number:			Site Name: <i>Homestead Triangle</i>		Borehole Start Date: <i>10/5/23</i> End Date:				
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
<i>HA</i>								<i>Brown SFS</i>		<i>D</i>	<i>0-0.5@1300</i>

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

BORING LOG

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Boring/Well Number: SB-29-1		FDEP Facility Identification Number:		Site Name: Homestead Triangle		Borehole Start Date: 10/5/23		End Date:			
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
#							1	Brown SS		D	6-0-501310

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

BORING LOG

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Boring/Well Number: <i>SB-25-2</i>		FDEP Facility Identification Number:			Site Name: <i>Homestead Triangle</i>		Borehole Start Date: <i>10/5/23</i>		End Date:		
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (Include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
<i>SS</i>							1	<i>Brown SS</i>		<i>D</i>	<i>0-0.5 @ 1320</i>

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

BORING LOG

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Boring/Well Number: <i>SB-2W-1</i>		FDEP Facility Identification Number:			Site Name: <i>Homestead Triangle</i>		Borehole Start Date: <i>10/5/23</i> End Date:				
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
<i>HA</i>								<i>Brown SFS</i>		<i>D</i>	<i>0-0.50/330</i>

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

BORING LOG

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Boring/Well Number: SR-2W-2		FDEP Facility Identification Number:			Site Name: Homestead Triangle		Borehole Start Date: 10/5/23 End Date:				
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	Brown SFS		D	0-0.5@1340

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

Location Honestead, FL Date 11/29/23
 Project / Client SFRPC Triangle

- 04:30 V. Urgiles molo to Honestead, FL
 in Dodge Ram Truck
- 1005 V. Urgiles arrive at SFRPC site
 Earth Tech drillers already onsite.
 weather: 68°F, 75° high, cloudy, 0% rain
 Objective: Deep GW profile & well install
 of 3 stickups to 12 ft bls.
 Staff: V. Urgiles, East Tech (Jones, Jean, Uder)
- 1020 Conduct RMS2 Tailgate safety
 meeting & acknowledge RMS 1
- 1040 Begin drilling GWP-1 (26-30)
 (see log) DTW ~ 2 ft bls
- 1137 Finish grabbing soil cores for
 lithology at 30 ft bls, will set DPT GW
 sample at 26-30 ft bls 0.20 gpm
- 1149 Begin purge at GWP-1 (26-30),
 Drillers begin setup on TMW-7
- 1159 Begin drilling TMW-7
- 1238* collect sample GWP-1 (26-30)
- 1240 Finish purge GWP-1 & end
 TMW-7 install
- 1255 Begin TMW-8 install
- 1300 Begin TMW-7 Development
- 1323 Finish TMW-8 drilling & begin
 pad construction. 11:57 pm - device TMW-8

Location Honestead, FL Date 11/29/23 117
 Project / Client SFRPC Triangle

Scale

- 1405 Begin drilling ~~TMW-10~~ TMW-9
 V.U. 11/29/23
- 1440 Finish drilling TMW-9 &
 begin pad construction.
- 1453 Finish Development TMW-8
- 1503 Begin development TMW-9
- 1522 Drillers begin site cleanup
 at Triangle property.
- 1553 Finish ~~sample~~ development at
 TMW-9, finish site cleanup. will
 move to Iconic site to lock up
 driller trailer/rig in fenced area.
- 1620 Drillers finish securing rig
 in fenced area. Drillers off site.
 V. Urgiles to obtain combo lock for
 gate
- 1700 Return to site & lock gate with
 1725 combo. Offsite to hotel.

Location Honestead, FLDate 11/30/23Project / Client SFRPC Triangle

- 1250 Begin setup on TMW-8
 1305 Begin ^{purge} sampling at TMW-8
 1328 collect sample ^{vw} TMW-8
 1346 Begin purge TMW-7
 1412 collect sample TMW-7
 1428 Begin purge TMW-9
 1453 collect sample TMW-9
 begin site cleanup, end cal, & survey
 1530 offsite to Iconic site to
 survey
 1739 Finish well survey at
 SFRPC Iconic, offsite to
 Tampa.


Location Honestead, FLDate 11/30/23Project / Client SFRPC Triangle

Scale _____

Survey

Well ID	TOC	6Surface
TMW-3	3.39	0.77
TMW-4	3.2%	1.20
TMW-7	3.41	0.59
TMW-8	3.98	0.80
TMW-9	-	1.87
TMW-9	4.39	1.24
TMW-4	3.17	0.61

BORING LOG

Boring/Well Number: <i>GWP-1 (26-30)</i>		Permit Number: —		FDEP Facility Identification Number: —	
Site Name: <i>SFRPC Homestead Triangle</i>		Borehole Start Date: <i>11/29/23</i>		Borehole Start Time: <i>1040</i> <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	
		End Date: <i>11/29/23</i>		End Time: <i>1240</i> <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	
Environmental Contractor: <i>Stantec</i>		Geologist's Name: <i>V. Urgiles</i>		Environmental Technician's Name: —	
Drilling Company: <i>Earth Tech Drilling</i>		Pavement Thickness (inches): <i>Grass 0</i>		Borehole Diameter (inches): <i>4.0</i>	
				Borehole Depth (feet): <i>30</i>	
Drilling Method(s): <i>DPT</i>		Apparent Borehole DTW (in feet from soil moisture content): <i>2</i>		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): <i>Photo 1915</i> <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID	
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input checked="" type="checkbox"/> Spread <input checked="" type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>					
Borehole Completion (check one): <input type="checkbox"/> Well <input checked="" type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	Clayey soil, light brown, no odor	SC	D	
							2	Limestone, w/ sand, tan/white color	LS	W	
							3	Limestone	LS	S	
							4	Limestone	LS	S	
							5	Limestone	LS	S	
DP	4.8' 56"						5-10	Limestone, white/tan color, hard, no odor	LS	S	
DP	36"						10-15	Limestone, white/tan color, hard, no odor	LS	S	
DP	48"						15-20	Limestone	LS	W	
DP	47"						20-25	Limestone, some sand c. 15% @ 24-25'	LS	W	
DP	56"						25-30	Limestone, some sand c. 15% @ 29-30'	LS	W	GWP-1 (26-30)

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

BORING LOG

Boring/Well Number: TMW-7		Permit Number:		FDEP Facility Identification Number:							
Site Name: SFRPC Homestead Triangle		Borehole Start Date: 11/29/23		Borehole Start Time: 1159 <input type="checkbox"/> AM <input type="checkbox"/> PM							
		End Date: 11/29/23		End Time: 1240 <input type="checkbox"/> AM <input type="checkbox"/> PM							
Environmental Contractor: Stantec		Geologist's Name: V.Urgiles		Environmental Technician's Name:							
Drilling Company: Earth Tech Drilling		Pavement Thickness (inches): grass (0)		Borehole Diameter (inches): 4							
				Borehole Depth (feet): 12							
Drilling Method(s): DPT		Apparent Borehole DTW (in feet from soil moisture content): 2		Measured Well DTW (in feet after water recharges in well):							
				OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID							
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input checked="" type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other <i>(describe if other or multiple items are checked):</i>											
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	sand	SM	D	
							2	sand w/ limestone	SM/LS	W	
							3	limestone	LS	W	
							4	limestone	LS	W	
							5	limestone	LS	W	
DPT		56					6	limestone	LS	S	
							7				
							8				
							9				
DPT		0					10				
							11	limestone		S	
							12				

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

BORING LOG

Boring/Well Number: TMW-8		Permit Number:		FDEP Facility Identification Number:							
Site Name: SFRPC Homestead		Borehole Start Date: 11/29/23	Borehole Start Time: 1255 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM								
		End Date: 11/29/23	End Time: 1323 <input type="checkbox"/> AM <input type="checkbox"/> PM								
Environmental Contractor: Stantec		Geologist's Name: V. Urgiles		Environmental Technician's Name:							
Drilling Company: Earth Tech Drilling		Pavement Thickness (inches): Grass 0	Borehole Diameter (inches): 4	Borehole Depth (feet): 12							
Drilling Method(s): DPT	Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Pro Tiger <input type="checkbox"/> FID <input checked="" type="checkbox"/> PID								
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input checked="" type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):											
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe) Screen 2-12'											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	sand		D	
							2	sand		D	
							3	sand		D	
							4	limestone		S	
							5	limestone		S	
DPT		39"					6	limestone		S	
							7				
							8				
							9				
							10				
							11	limestone		S	
							12				

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

BORING LOG

Boring/Well Number: TMW-9		Permit Number: —		FDEP Facility Identification Number: —							
Site Name: SFRPC Homestead Triangle		Borehole Start Date: 11/29/23	Borehole Start Time: 1405 <input type="checkbox"/> AM <input type="checkbox"/> PM								
		End Date: 11/29/23	End Time: 1446 <input type="checkbox"/> AM <input type="checkbox"/> PM								
Environmental Contractor: Stantec		Geologist's Name: V. Urgiles		Environmental Technician's Name: —							
Drilling Company: Earth Tech Drilling		Pavement Thickness (inches): Grass (0)	Borehole Diameter (inches): 4		Borehole Depth (feet): 12						
Drilling Method(s): DPT		Apparent Borehole DTW (in feet from soil moisture content): 4	Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): <input type="checkbox"/> FID <input type="checkbox"/> PID						
Disposition of Drill Cuttings [check method(s)]: <input type="checkbox"/> Drum <input checked="" type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other (describe if other or multiple items are checked):											
Borehole Completion (check one): <input checked="" type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA							1	Sand, brn, no odor	SM	D	
							2	Sand, brn, no odor	SM	D	
							3	clayey Sand, brn/gray color, no odor	SC	D	
							4	limestone	LS	W	
							5	limestone	LS	W	
DPT							6	Limestone	LS	S	
							7				
							8				
							9				
DPT							10				
							11	Limestone	LS	S	
							12				

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

NEW WELL CONSTRUCTION LOG

This document is subject to change. Please select the appropriate option for each section that pertains to the well construction. For a description of the Florida Department of Environmental Protection Locational Data Stand please refer to the *Locational Data Standard* Microsoft Word document located at: www.dep.state.fl.us/waste/categories/pcp/pg_documents.htm. Petroleum Restoration Program requires a minimum of Rank 3 accuracy or better for the well location data.

WELL CONSTRUCTION DATA					
Well Number: TMW-7		Site Name: SFRPC Triangle Properties		FDEP Facility I.D. Number: -	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input checked="" type="checkbox"/> Above Grade (AG) <input type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Date: 11/29/23	
If AG, list feet of riser above land surface: 2.60				Well Install Method: HA/DPT	
				Surface Casing Install Method: N/A	
Borehole Depth (feet): 12	Well Depth (feet): 12	Borehole Diameter (inches): 4	Manhole Diameter (inches): -	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: inches: 1.50 Sch 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe) -	Riser Length: 4.60 feet from +2.60 feet to -2 feet		
Screen Diameter and Material: inches: 1.50 Sch 40 PVC		Screen Slot Size: 0.10	Screen Length: 10 feet from -2 feet to -12 feet		
1st Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		1st Surface Casing I.D. (inches):		1st Surface Casing Length: _____ feet from <u>0</u> feet to _____ feet	
2nd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2nd Surface Casing I.D. (inches):		2nd Surface Casing Length: _____ feet from <u>0</u> feet to _____ feet	
3rd Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		3rd Surface Casing I.D. (inches):		3rd Surface Casing Length: _____ feet from <u>0</u> feet to _____ feet	
Filter Pack Material and Size: Sand 20/30 / Prepacked		Prepacked Filter Around Screen (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Filter Pack Length: 11 feet from -1 feet to -12 feet	
Filter Pack Seal Material and Size: Sand		30/65		Filter Pack Seal Length: 0.50 feet from -0.50 feet to -1.0 feet	
Surface Seal Material: Type II Portland Cement Grout		Status Code: Active		Surface Seal Length: 0.50 feet from 0.00 feet to -0.50 feet	

WELL DEVELOPMENT DATA					
Well Development Date: 11/29/23 1300		Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)			
Development Pump Type (check): <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)		<input checked="" type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic		Depth to Groundwater (before developing in feet) (BLS): 6.26	
Pumping Rate (gallons per minute): 0.25		Maximum Drawdown of Groundwater During Development (feet): 0.0		Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		Total Development Water Removed (gallons): 12.50		Development Duration (minutes): 50	
				Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: cloudy / None			Water Appearance (color and odor) At End of Development: clear / No Odor		

WELL CONSTRUCTION OR DEVELOPMENT REMARKS	
Start 1300	TD: 14.85 FT BTAC
End 1350	

NEW WELL CONSTRUCTION LOG

This document is subject to change. Please select the appropriate option for each section that pertains to the well construction. For a description of the Florida Department of Environmental Protection Locational Data Standard please refer to the *Locational Data Standard* Microsoft Word document located at: www.dep.state.fl.us/waste/categories/pcp/pg_documents.htm. Petroleum Restoration Program requires a minimum of Rank 3 accuracy or better for the well location data.

WELL CONSTRUCTION DATA					
Well Number: TMW-8		Site Name: SFRPC Triangle Properties		FDEP Facility I.D. Number: -	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Off-Site Private Property <input checked="" type="checkbox"/> Above-Grade (AG)		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Date: 11/29/23	
Right-of-Way <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Flush-to-Grade		Well Install Method: HA/DPT		Surface Casing Install Method: NA	
If AG, list feet of riser above land surface: 2.60					
Borehole Depth (feet): 12	Well Depth (feet): 12	Borehole Diameter (inches): 4	Manhole Diameter (inches): -	Well Pad Size: 2 feet by 2 feet	
Riser Diameter and Material: Inches: 1.50 Sch 40 PVC		Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe) -	Riser Length: 4.60 feet from +2.60 feet to -2.00 feet		
Screen Diameter and Material: Inches: 1.50 Sch 40 PVC		Screen Slot Size: 0.10	Screen Length: 10 feet from -2 feet to -12 feet		
1st Surface Casing Material: No check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		1st Surface Casing I.D. (inches):	1st Surface Casing Length: _____ feet from <u>0</u> feet to _____ feet		
2nd Surface Casing Material: No check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		2nd Surface Casing I.D. (inches):	2nd Surface Casing Length: _____ feet from <u>0</u> feet to _____ feet		
3rd Surface Casing Material: No check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary		3rd Surface Casing I.D. (inches):	3rd Surface Casing Length: _____ feet from <u>0</u> feet to _____ feet		
Filter Pack Material and Size: Sand 20/30 3/4" pack		Prepacked Filter Around Screen (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Filter Pack Length: 11.00 feet from -1.00 feet to -12 feet		
Filter Pack Seal Material and Size: Sand		30/65	Filter Pack Seal Length: 0.50 feet from -0.50 feet to -1.00 feet		
Surface Seal Material: Type II Portland Cement Grout		Status Code: Active	Surface Seal Length: 0.50 feet from 0.00 feet to -0.50 feet		

WELL DEVELOPMENT DATA			
Development Date: 11/29/23		Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)	
Development Pump Type (check): <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Other (describe)		<input checked="" type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic	Depth to Groundwater (before developing in feet) (BLS): 6.83
Flowing Rate (gallons per minute): 0.25		Maximum Drawdown of Groundwater During Development (feet): 0.01	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Flowing Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent		Total Development Water Removed (gallons): 12.50	Development Duration (minutes): 50
Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Water Appearance (color and odor) At Start of Development: cloudy (white) / No odor	
Water Appearance (color and odor) At End of Development: clear / None			

WELL CONSTRUCTION OR DEVELOPMENT REMARKS	
<p>Start @ 1403</p> <p>Stop @ 1453</p>	<p>TD @ 14.85 FBT.OC</p>

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SFRPC Triangle Properties	SITE LOCATION: Homestead, FL
WELL NO: TMW-7	SAMPLE ID: TMW-7
DATE: 11/30/23	

PURGING DATA

WELL DIAMETER (inches): 1.50	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 6.31	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (14.85 feet - 6.31 feet) X 0.092 gallons/foot = 0.79 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1346	PURGING ENDED AT: 1410	TOTAL VOLUME PURGED (gallons): 1.625								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	ORP. (mV)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1400	0.875	0.875	0.06	6.31	7.17	26.49	456	124.6	1.96	4.43	None	None
1403	0.25	1.125	0.03	6.31	7.19	26.43	455	119.6	1.96	4.33	None	None
1406	0.25	1.375	0.03	6.31	7.19	26.50	458	113.2	1.89	3.50	None	None
1410	0.25	1.625	0.03	6.31	7.19	26.42	462	115.0	1.91	3.45	None	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Victor Urgiles / Stantec	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1412	SAMPLING ENDED AT: 1414
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>	FILTER SIZE: µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N <input type="radio"/>	TUBING Y <input checked="" type="radio"/> N (replaced) <input type="radio"/>	Filtration Equipment Type:	
SAMPLE CONTAINER SPECIFICATION		DUPLICATE: Y <input checked="" type="radio"/> N <input type="radio"/>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAM PLE ID COD E	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
TMW-7	1	AG	250	None	-	-	8270-PAHs Only	PP	<400

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
 SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
 pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE NAME: SFRPC Triangle Properties	SITE LOCATION: Homestead, FL
WELL NO: TMW-8	SAMPLE ID: TMW-8
DATE: 11/30/23	

PURGING DATA

WELL DIAMETER (inches): 1.50	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 6.89	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = 14.85 feet - 6.89 feet X 0.092 gallons/foot = 0.73 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1305	PURGING ENDED AT: 1326	TOTAL VOLUME PURGED (gallons): 1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	ORP. (mV)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1315	0.75	0.75	0.07	6.87	7.44	27.23	316	-126.9	0.18	2.92	None	None
1318	0.25	1.00	0.08	6.87	7.48	27.29	316	-139.6	0.16	3.89	None	None
1322	0.25	1.25	0.06	6.87	7.54	27.27	314	-156.5	0.13	4.09	None	None
1326	0.25	1.50	0.06	6.87	7.54	27.28	314	-161.5	0.12	3.37	None	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Victor Urgiles / Stantec	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1328	SAMPLING ENDED AT: 1333
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> (N)	FILTER SIZE: µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> (N)	TUBING Y <input checked="" type="checkbox"/> (N (replaced))	DUPLICATE: Y <input checked="" type="checkbox"/> (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAM PLE ID COD E	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
TMW-8	1	AG	250	None	-	-	8270-PAHs Only	PP	<400

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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

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

**Form FD 9000-24
GROUNDWATER SAMPLING LOG**

SITE ME: SFRPC Triangle Properties	SITE LOCATION: Homestead, FL
WELL NO: TMW-9	SAMPLE ID: TMW-9
DATE: 11/30/23	

PURGING DATA

WELL DIAMETER (inches): 1.50	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2 feet to 12 feet	STATIC DEPTH TO WATER (feet): 7.85	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (15.20 feet - 7.45 feet) X 0.092 gallons/foot = 0.67 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1428	PURGING ENDED AT: 1452	TOTAL VOLUME PURGED (gallons): 1.50								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	ORP. (mV)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1440	0.75	0.75	0.06	7.86	7.27	25.72	511	148.0	3.66	3.51	None	None
1444	0.25	1.00	0.06	7.86	7.27	25.85	513	150.6	3.57	2.86	None	None
1448	0.25	1.25	0.06	7.86	7.27	25.92	516	152.4	3.45	2.82	None	None
1452	0.25	1.50	0.06	7.86	7.28	25.84	519	152.9	3.40	2.08	None	None

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Victor Urgiles / Stantec	SAMPLER(S) SIGNATURE(S): 	SAMPLING INITIATED AT: 1453	SAMPLING ENDED AT: 1456
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: HDPE	FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: µm
FIELD DECONTAMINATION: PUMP Y <input checked="" type="checkbox"/> TUBING Y <input checked="" type="checkbox"/> (replaced)	DUPLICATE: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAM PLE ID COD E	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
TMW-9	1	AG	250	None	-	-	8270-PAHs Only	PP	<400	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: + 5% Dissolved Oxygen: all readings < 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

**Appendix B MONITORING WELL PERMITS AND WELL
COMPLETION REPORTS**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Miami-Dade

Date Stamp

Official Use Only

1.*Permit Number 13-59-20205 *CUP/WUP Number n/a *DID Number n/a 62-524 Delineation No.

2.*Number of permitted wells constructed, repaired, or abandoned 1 *Number of permitted wells not constructed, repaired, or abandoned 0

3.*Owner's Name City of Homestead 4.*Completion Date 9-13-2023 5. Florida Unique ID n/a

6. 117 Parkway St. - Homestead, Fl. 33030
*Well Location - Address, Road Name or Number, City, ZIP

7.*County Miami-Dade *Section 18 Land Grant *Township 57S *Range 39E

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s)
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)

12.*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Top of Casing Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.*Total Well Depth 12 ft. Cased Depth 2 ft. *Open Hole: From To ft. *Screen: From 2 To 12 ft. Slot Size .010"

17.*Abandonment: Other (Explain)

From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:

Dia 1 in. From 0 ft. To 2 ft. No. of Bags .25 Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:

Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine

Horsepower Pump Capacity (GPM) Iron ppm Sulfate ppm Chloride ppm

Pump Depth ft. Intake Depth ft. Laboratory Test Field Test Kit

24. Water Well Contractor:

*Contractor Name Charles Bucher/Earth Tech Drilling *License Number 9417 E-mail Address cbucher@earthtechdrilling.com

*Contractor's Signature Charles Bucher *Driller's Name (Print or Type) James Enis

(I certify that the information provided in this report is accurate and true.)

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899
 PHONE: (352) 796-7211 or (800) 423-1476
 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
 4049 REID STREET, PALATKA, FL 32178-1429
 PHONE: (386) 329-4500
 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712
 (U.S. Highway 90, 10 miles west of Tallahassee)
 PHONE: (850) 539-5999
 WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 P.O. BOX 24680
 3301 GUN CLUB ROAD
 WEST PALM BEACH, FL 33416-4680
 PHONE: (561) 686-8800
 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
 9225 CR 49
 LIVE OAK, FL 32060
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)
 WWW.MYSUWANNEERIVER.COM

***DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From	0	ft.	To	5	ft.	Color	Black	Grain Size (F, M, C)	Material	Sand/Limestone
From	5	ft.	To	12	ft.	Color	White	Grain Size (F, M, C)	Material	Limestone
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	
From		ft.	To		ft.	Color		Grain Size (F, M, C)	Material	

Comments: _____

***Detailed Site Map of Well Location**





STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Cancel

Delegated Authority (If Applicable) Miami-Dade

Date Stamp

Official Use Only

1.*Permit Number 13-59-20206 *CUP/WUP Number n/a *DID Number n/a 62-524 Delineation No.
2.*Number of permitted wells constructed, repaired, or abandoned 0 *Number of permitted wells not constructed, repaired, or abandoned 6
3.*Owner's Name City of Homestead 4.*Completion Date 9-13-2023 5. Florida Unique ID n/a

6. ROW of Flagler Ave. - Homestead, Fl. 33030
*Well Location - Address, Road Name or Number, City, ZIP

7.*County Miami-Dade *Section 18 Land Grant *Township 57S *Range 39E

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: Construction Repair Modification Abandonment

11.*Specify Intended Use(s) of Well(s)
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
Other (Describe)

12.*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.*Measured Static Water Level ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: Yes No

15.*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.*Total Well Depth ft. Cased Depth ft. *Open Hole: From To ft. *Screen: From To ft. Slot Size

17.*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

19.*Primary Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
*Contractor Name Charles Bucher/Earth Tech Drilling *License Number 9417 E-mail Address cbucher@earthtechdrilling.com

*Contractor's Signature Charles Bucher *Driller's Name (Print or Type) James Enis
(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Cancel

Delegated Authority (If Applicable) Miami-Dade

Date Stamp

Official Use Only

1.*Permit Number 13-59-20207 *CUP/WUP Number n/a *DID Number n/a 62-524 Delineation No.
2.*Number of permitted wells constructed, repaired, or abandoned 0 *Number of permitted wells not constructed, repaired, or abandoned 1

3.*Owner's Name City of Homestead 4.*Completion Date 9-13-2023 5. Florida Unique ID n/a

6. ROW of Flagler Ave. - Homestead, Fl. 33030
*Well Location - Address, Road Name or Number, City, ZIP

7.*County Miami-Dade *Section 18 Land Grant *Township 57S *Range 39E

8. Latitude Longitude

9. Data Obtained From: [] GPS [] Map [] Survey Datum: NAD 27 NAD 83 WGS 84

10.*Type of Work: [x] Construction [] Repair [] Modification [] Abandonment

11.*Specify Intended Use(s) of Well(s)
[] Domestic [] Landscape Irrigation [] Agricultural Irrigation [] Site Investigations
[] Bottled Water Supply [] Recreation Area Irrigation [] Livestock [x] Monitoring
[] Public Water Supply (Limited Use/DOH) [] Nursery Irrigation [] Test
[] Public Water Supply (Community or Non-Community/DEP) [] Commercial/Industrial [] Earth-Coupled Geothermal
[] Class I Injection [] Golf Course Irrigation [] HVAC Supply
[] HVAC Return
Class V Injection: [] Recharge [] Commercial/Industrial Disposal [] Aquifer Storage and Recovery [] Drainage
Remediation: [] Recovery [] Air Sparge [] Other (Describe)
[] Other (Describe)

12.*Drill Method [] Auger [] Cable Tool [] Rotary [] Combination (Two or More Methods) [] Jetted [] Sonic
[] Horizontal Drilling [x] Hydraulic Point (Direct Push) [] Other

13.*Measured Static Water Level ft. Measured Pumping Water Level ft. After Hours at GPM

14.*Measuring Point (Describe) Which is ft. Above Below Land Surface *Flowing: [] Yes [x] No

15.*Casing Material: [] Black Steel [] Galvanized [x] PVC [] Stainless Steel [] Not Cased [] Other

16.*Total Well Depth ft. Cased Depth ft. *Open Hole: From To ft. *Screen: From To ft. Slot Size

17.*Abandonment: [] Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other

18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other

19.*Primary Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other

20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other

21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other

22. Pump Type (If Known):
[] Centrifugal [] Jet [] Submersible [] Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.

23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
[] Laboratory Test [] Field Test Kit

24. Water Well Contractor:
*Contractor Name Charles Bucher/Earth Tech Drilling *License Number 9417 E-mail Address cbucher@earthtechdrilling.com

*Contractor's Signature Charles Bucher *Driller's Name (Print or Type) James Enis

(I certify that the information provided in this report is accurate and true.)



STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Miami-Dade

Date Stamp

Official Use Only

1.*Permit Number 13-59-20479 *CUP/WUP Number n/a *DID Number n/a 62-524 Delineation No.
2.*Number of permitted wells constructed, repaired, or abandoned 3 *Number of permitted wells not constructed, repaired, or abandoned 0
3.*Owner's Name Homestead Community Redevelopment Agency 4.*Completion Date 11-29-2023 5. Florida Unique ID n/a
6. SW 4th St. & SW Railroad Ave. Homestead, Fl. 33030
*Well Location - Address, Road Name or Number, City, ZIP
7.*County Miami-Dade *Section 13 Land Grant *Township 57S *Range 38E
8. Latitude Longitude
9. Data Obtained From: [] GPS [] Map [] Survey Datum: NAD 27 NAD 83 WGS 84
10.*Type of Work: [x] Construction [] Repair [] Modification [] Abandonment
11.*Specify Intended Use(s) of Well(s)
[] Domestic [] Landscape Irrigation [] Agricultural Irrigation [] Site Investigations
[] Bottled Water Supply [] Recreation Area Irrigation [] Livestock [x] Monitoring
[] Public Water Supply (Limited Use/DOH) [] Nursery Irrigation [] Test
[] Public Water Supply (Community or Non-Community/DEP) [] Commercial/Industrial [] Earth-Coupled Geothermal
[] Class I Injection [] Golf Course Irrigation [] HVAC Supply
[] HVAC Return
Class V Injection: [] Recharge [] Commercial/Industrial Disposal [] Aquifer Storage and Recovery [] Drainage
Remediation: [] Recovery [] Air Sparge [] Other (Describe)
[] Other (Describe)
12.*Drill Method [] Auger [] Cable Tool [] Rotary [] Combination (Two or More Methods) [] Jetted [] Sonic
[] Horizontal Drilling [x] Hydraulic Point (Direct Push) [] Other
13.*Measured Static Water Level 4 ft. Measured Pumping Water Level ft. After Hours at GPM
14.*Measuring Point (Describe) Top of Casing Which is ft. Above Below Land Surface *Flowing: [] Yes [x] No
15.*Casing Material: [] Black Steel [] Galvanized [x] PVC [] Stainless Steel [] Not Cased [] Other
16.*Total Well Depth 12 ft. Cased Depth 2 ft. *Open Hole: From To ft. *Screen: From 2 To 12 ft. Slot Size .010
17.*Abandonment: [] Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite Other
18.*Surface Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
19.*Primary Casing Diameter and Depth:
Dia 1.5 in. From 0 ft. To 2 ft. No. of Bags .5 Seal Material (Check One): [x] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
20.*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
21.*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): [] Neat Cement [] Bentonite [] Other
22. Pump Type (If Known):
[] Centrifugal [] Jet [] Submersible [] Turbine
Horsepower Pump Capacity (GPM)
Pump Depth ft. Intake Depth ft.
23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
[] Laboratory Test [] Field Test Kit
24. Water Well Contractor:
*Contractor Name Charles Bucher/Earth Tech Drilling *License Number 9417 E-mail Address cbucher@earthtechdrilling.com
*Contractor's Signature Charles Bucher *Driller's Name (Print or Type) James Enis
(I certify that the information provided in this report is accurate and true.)

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899
 PHONE: (352) 796-7211 or (800) 423-1476
 WWW.SWFWMD.STATE.FL.US

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
 4049 REID STREET, PALATKA, FL 32178-1429
 PHONE: (386) 329-4500
 WWW.SJRWMD.COM

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712
 (U.S. Highway 90, 10 miles west of Tallahassee)
 PHONE: (850) 539-5999
 WWW.NWFWMD.STATE.FL.US

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 P.O. BOX 24680
 3301 GUN CLUB ROAD
 WEST PALM BEACH, FL 33416-4680
 PHONE: (561) 686-8800
 WWW.SFWMD.GOV

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
 9225 CR 49
 LIVE OAK, FL 32060
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)
 WWW.MYSUWANNEERIVER.COM

***DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 12 ft.	Color	White	Grain Size (F, M, C)	Material	Limestone
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	Material	_____

Comments: _____

***Detailed Site Map of Well Location**





STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable) Miami-Dade

PLEASE FILL OUT ALL APPLICABLE FIELDS (*Denotes Required Fields Where Applicable)

The water well contractor is responsible for completing this form and forwarding the permit application to the appropriate delegated authority where applicable.

Permit No. 13-59-20479
Florida Unique ID
Permit Stipulations Required (See Attached)
62-524 Quad No.
Delineation No.
CUP/WJP Application No.
ABOVE THIS LINE - FOR OFFICIAL USE ONLY

1. Homestead Community Rede. 212 NW 1 Ave. Homestead, FL 33030
*Owner, Legal Name If Corporation *Address *City *State *ZIP Telephone Number
2. SW 4th St. & SW Railroad Ave. Homestead
*Well Location - Address, Road Name or Number, City
3. 10-7813-048-0130
*Parcel ID No. (PIN) or Alternate Key (Circle One) Lot Block Unit
4. 13 57S 38E Miami-Dade
*Section or Land Grant *Township *Range *County Subdivision Check if 62-524: Yes No
5. Charles Bucher 9417 954 974-2424 cbucher@earthtechdrilling.com
*Water Well Contractor *License Number *Telephone Number E-mail Address
6. 2703 NW 19th Street Pompano Beach Florida 33069
*Water Well Contractor's Address City State ZIP
7. *Type of Work: [X] Construction [] Repair [] Modification [] Abandonment
8. *Number of Proposed Wells 3 *Reason for Repair, Modification, or Abandonment
9. *Specify Intended Use(s) of Well(s):
[] Domestic [] Landscape Irrigation [] Agricultural Irrigation [] Site Investigations
[] Bottled Water Supply [] Recreation Area Irrigation [] Livestock [X] Monitoring
[] Public Water Supply (Limited Use/DOH) [] Nursery Irrigation [] Test
[] Public Water Supply (Community or Non-Community/DEP) [] Commercial/Industrial [] Earth-Coupled Geothermal
[] Class I Injection [] Golf Course Irrigation [] HVAC Supply
[] HVAC Return
Class V Injection: [] Recharge [] Commercial/Industrial Disposal [] Aquifer Storage and Recovery [] Drainage
Remediation: [] Recovery [] Air Sparge [] Other (Describe)
[] Other (Describe)
10. *Distance from Septic System if <= 200 ft. n/a 11. Facility Description 12. Estimated Start Date asap
13. *Estimated Well Depth 12 ft. *Estimated Casing Depth 2 ft. Primary Casing Diameter 1.5 in. Open Hole: From To ft.
14. Estimated Screen Interval: From 2 To 12 ft.
15. *Primary Casing Material: Black Steel Galvanized [X] PVC Stainless Steel
Not Cased Other:
16. Secondary Casing: Telescope Casing Liner Surface Casing Diameter in.
17. Secondary Casing Material: Black Steel Galvanized PVC Stainless Steel Other
18. *Method of Construction, Repair, or Abandonment: Auger Cable Tool Jetted Rotary Sonic
Combination (Two or More Methods) Hand Driven (Well Point, Sand Point) [X] Hydraulic Point (Direct Push)
Horizontal Drilling Plugged by Approved Method Other (Describe)
19. Proposed Grouting Interval for the Primary, Secondary, and Additional Casing:
From 0 To 2 Seal Material (Bentonite [X] Neat Cement Other)
From To Seal Material (Bentonite Neat Cement Other)
From To Seal Material (Bentonite Neat Cement Other)
From To Seal Material (Bentonite Neat Cement Other)
20. Indicate total number of existing wells on site List number of existing unused wells on site
21. *Is this well or any existing well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? Yes [X] No If yes, complete the following: CUP/WUP No. District Well ID No.
22. Latitude Longitude
23. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84
I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code, and that a water use permit or artificial recharge permit, if needed, has been or will be obtained prior to commencement of well construction. I further certify that all information provided in this application is accurate, and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well construction report to the District within 30 days after completion of the construction, repair, modification, or abandonment authorized by this permit, or the permit expiration, whichever occurs first.
I certify that I am the owner of the property, that the information provided is accurate, and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon the well, or I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of their responsibilities as stated above. Owner consents to allow any personnel of the WMD or Delegated Authority access to the well site during the construction, repair, modification, or abandonment authorized by this permit.
*Signature of Contractor 9417 *License No. *Signature of Owner or Agent 11-16-2023 *Date

DOH Date Stamp
APPROVAL GRANTED BY
FRANTZ TOUSSAINT
Official Use Only

Approval Granted By FRANTZ TOUSSAINT Issue Date 11/27/23 Expiration Date 11/27/24 Hydrologist Approval
Fee Received \$95.00 Receipt No. Check No.
THIS PERMIT IS NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD OR DELEGATED AUTHORITY. THE PERMIT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL CONSTRUCTION, REPAIR, MODIFICATION, OR ABANDONMENT ACTIVITIES.

Appendix C LABORATORY ANALYTICAL REPORTS



September 14, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387483
Project ID: SFRPC Triangle Properties

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, September 07, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Nicole Laing for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Method	Analytes Reported
2387483001	SB-6 (0-0.5)	EPA 6020	4
		EPA 8260C	75
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387483002	SB-6 (0.5-2)	EPA 6020	4
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387483003	SB-6 (2-4)	EPA 6020	4
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1



SAMPLE SUMMARY

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387483001	SB-6 (0-0.5)	Soil/Solid	9/7/2023 14:20	9/7/2023 19:00
2387483002	SB-6 (0.5-2)	Soil/Solid	9/7/2023 14:25	9/7/2023 19:00
2387483003	SB-6 (2-4)	Soil/Solid	9/7/2023 14:30	9/7/2023 19:00

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483001** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0-0.5)** Date Collected: 9/7/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
------------	---------	-------	-----	-----	-------------	----	----------	----	------

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.782	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
2-Methylnaphthalene	U	mg/Kg	0.782	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Acenaphthene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Acenaphthylene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Anthracene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(a)anthracene	0.098i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(a)pyrene	0.064i	mg/Kg	0.235	0.036	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(b)fluoranthene	0.117i	mg/Kg	0.235	0.051	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(g,h,i)perylene	0.076i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Chrysene	0.090i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.235	0.020	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Fluoranthene	0.188i	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Nitrobenzene-d5 (S)	83	%	20-150		1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Fluorene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Indeno(1,2,3-cd)pyrene	0.086i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Naphthalene	U	mg/Kg	0.782	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Phenanthrene	U	mg/Kg	0.391	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Pyrene	0.167i	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
2-Fluorobiphenyl (S)	85	%	30-150		1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
p-Terphenyl-d14 (S)	92	%	15-150		1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00259	0.000778	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
Dibromofluoromethane (S)	99	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00259	0.000713	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
Toluene d8 (S)	97	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
4-Bromofluorobenzene (S)	107	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00259	0.000661	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1-Dichloroethane	U	mg/Kg	0.00259	0.00101	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1-Dichloroethene	U	mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1-Dichloropropene	U	mg/Kg	0.00259	0.000609	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00130	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00389	0.00156	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB

Report ID: 2387483 - 3818315
9/14/2023

Page 4 of 30

NELAP Accredited

FDOH# E86546

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483001** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0-0.5)** Date Collected: 9/7/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00259	0.000972	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-DBCP		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00259	0.000622	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dichloroethane		U mg/Kg	0.00259	0.00109	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dichloropropane		U mg/Kg	0.00259	0.000778	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,3-Dichloropropane		U mg/Kg	0.00259	0.000583	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
2,2-Dichloropropane		U mg/Kg	0.00259	0.000687	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
2-Chlorotoluene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
2-Hexanone		U mg/Kg	0.00389	0.00149	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
4-Chlorotoluene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
4-Isopropyltoluene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00259	0.000700	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Acetone		U mg/Kg	0.013	0.00403	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Acrolein		U mg/Kg	0.013	0.00604	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Acrylonitrile		U mg/Kg	0.026	0.00973	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Benzene		U mg/Kg	0.00259	0.000596	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromochloromethane		U mg/Kg	0.00389	0.00144	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromodichloromethane		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromoform		U mg/Kg	0.00259	0.000972	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromomethane		U mg/Kg	0.00389	0.00194	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Carbon disulfide		U mg/Kg	0.00518	0.00259	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Carbon tetrachloride		U mg/Kg	0.00259	0.000700	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chlorobenzene		U mg/Kg	0.00259	0.000557	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chloroethane		U mg/Kg	0.00259	0.000752	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chloroform		U mg/Kg	0.019	0.00855	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chloromethane		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Dibromochloromethane		U mg/Kg	0.00259	0.000739	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Dibromomethane		U mg/Kg	0.00259	0.00148	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00259	0.000726	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Ethyl methacrylate		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Ethylbenzene		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Hexachlorobutadiene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Iodomethane		U mg/Kg	0.00648	0.00259	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00188	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Methylene chloride	0.021	mg/Kg	0.016	0.010	1 9/11/2023 10:00	TDB	9/11/2023 14:57	TDB	
Naphthalene		U mg/Kg	0.013	0.00648	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483001** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0-0.5)** Date Collected: 9/7/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Toluene		U mg/Kg	0.00259	0.00110	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Trichloroethene		U mg/Kg	0.00259	0.00101	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Trichlorofluoromethane		U mg/Kg	0.00259	0.000972	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Vinyl acetate		U mg/Kg	0.00259	0.00106	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Vinyl chloride		U mg/Kg	0.00259	0.00127	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Xylenes- Total		U mg/Kg	0.00259	0.00128	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00259	0.000570	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00259	0.00121	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
m & p-xylene		U mg/Kg	0.00259	0.000829	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
n-Butylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
n-propylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
o-Xylene		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
sec-Butylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00918	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00389	0.00144	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
tert-Butylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00259	0.00115	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00259	0.000570	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.3 %		0.1		1		9/14/2023 10:19	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	78 %		66-136		5 9/8/2023 11:36	SMC	9/11/2023 16:07	TDB	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	82 %		36-132		5 9/8/2023 11:36	SMC	9/11/2023 16:07	TDB	
Florida Pro Total	2860 mg/Kg		226	75.2	5 9/8/2023 11:36	SMC	9/11/2023 16:07	TDB	

Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	27 mg/Kg		1.3	0.26	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	
Arsenic	8.9 mg/Kg		0.60	0.098	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	
Mercury	U mg/Kg		0.73	0.15	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	
Lead	97 mg/Kg		0.60	0.094	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.732	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
2-Methylnaphthalene	U	mg/Kg	0.732	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Acenaphthene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Acenaphthylene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Anthracene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(a)anthracene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(a)pyrene	U	mg/Kg	0.220	0.034	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.220	0.048	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Chrysene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.220	0.018	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Nitrobenzene-d5 (S)	80	%	20-150		1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Fluoranthene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Fluorene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Naphthalene	U	mg/Kg	0.732	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Phenanthrene	U	mg/Kg	0.366	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Pyrene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
2-Fluorobiphenyl (S)	62	%	30-150		1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
p-Terphenyl-d14 (S)	61	%	15-150		1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00202	0.000605	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
Dibromofluoromethane (S)	101	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00202	0.000554	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
Toluene d8 (S)	97	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
4-Bromofluorobenzene (S)	97	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00202	0.000514	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1-Dichloroethane	U	mg/Kg	0.00202	0.000786	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1-Dichloroethene	U	mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1-Dichloropropene	U	mg/Kg	0.00202	0.000474	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00101	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00302	0.00121	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00202	0.000756	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-DBCP		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00202	0.000484	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dichloroethane		U mg/Kg	0.00202	0.000847	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dichloropropane		U mg/Kg	0.00202	0.000605	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,3-Dichloropropane		U mg/Kg	0.00202	0.000454	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
2,2-Dichloropropane		U mg/Kg	0.00202	0.000534	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
2-Chlorotoluene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
2-Hexanone		U mg/Kg	0.00302	0.00116	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
4-Chlorotoluene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
4-Isopropyltoluene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00202	0.000544	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Acetone		U mg/Kg	0.010	0.00313	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Acrolein		U mg/Kg	0.010	0.00470	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Acrylonitrile		U mg/Kg	0.020	0.00757	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Benzene		U mg/Kg	0.00202	0.000464	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromochloromethane		U mg/Kg	0.00302	0.00112	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromodichloromethane		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromoform		U mg/Kg	0.00202	0.000756	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromomethane		U mg/Kg	0.00302	0.00151	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Carbon disulfide		U mg/Kg	0.00403	0.00202	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Carbon tetrachloride		U mg/Kg	0.00202	0.000544	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chlorobenzene		U mg/Kg	0.00202	0.000433	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chloroethane		U mg/Kg	0.00202	0.000585	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chloroform		U mg/Kg	0.015	0.00665	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chloromethane		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Dibromochloromethane		U mg/Kg	0.00202	0.000574	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Dibromomethane		U mg/Kg	0.00202	0.00115	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00202	0.000564	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Ethyl methacrylate		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Ethylbenzene		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Hexachlorobutadiene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Iodomethane		U mg/Kg	0.00504	0.00202	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.010	0.00146	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Methylene chloride		U mg/Kg	0.015	0.010	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Naphthalene		U mg/Kg	0.010	0.00504	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Tetrachloroethene		U mg/Kg	0.00202	0.000454	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Toluene		U mg/Kg	0.00202	0.000857	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Trichloroethene		U mg/Kg	0.00202	0.000786	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Trichlorofluoromethane		U mg/Kg	0.00202	0.000756	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Vinyl acetate		U mg/Kg	0.00202	0.000826	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Vinyl chloride		U mg/Kg	0.00202	0.000988	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Xylenes- Total		U mg/Kg	0.00202	0.000998	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00202	0.000443	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00202	0.000937	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
m & p-xylene		U mg/Kg	0.00202	0.000645	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
n-Butylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
n-propylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
o-Xylene		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
sec-Butylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.020	0.00714	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00302	0.00112	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
tert-Butylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00202	0.000897	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00202	0.000443	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	86.4 %	0.1	1				9/14/2023 10:19	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	49 %	66-136	5 9/8/2023 11:36	SMC	9/11/2023 16:29	TDB	J2		

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	79 %	36-132	5 9/8/2023 11:36	SMC	9/11/2023 16:29	TDB			
Florida Pro Total	299 mg/Kg	211	70.5	5 9/8/2023 11:36	SMC	9/11/2023 16:29	TDB		

Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	11 mg/Kg	1.3	0.25	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB		
Arsenic	1.3 mg/Kg	0.58	0.095	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB		
Mercury	U mg/Kg	0.71	0.14	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB		



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002**

Date Received: 9/7/2023 19:00

Matrix: Soil/Solid

Sample ID: **SB-6 (0.5-2)**

Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Lead	33	mg/Kg	0.58	0.090	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB	



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (2-4)** Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.799	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
2-Methylnaphthalene	U	mg/Kg	0.799	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Acenaphthene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Acenaphthylene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Anthracene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Benzo(a)anthracene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Benzo(a)pyrene	U	mg/Kg	0.240	0.037	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Benzo(b)fluoranthene	U	mg/Kg	0.240	0.052	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Benzo(g,h,i)perylene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Benzo(k)fluoranthene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Chrysene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Dibenzo(a,h)anthracene	U	mg/Kg	0.240	0.020	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Nitrobenzene-d5 (S)	65	%	20-150		1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Fluoranthene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Fluorene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Naphthalene	U	mg/Kg	0.799	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Phenanthrene	U	mg/Kg	0.400	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
Pyrene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
2-Fluorobiphenyl (S)	45	%	30-150		1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	
p-Terphenyl-d14 (S)	63	%	15-150		1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB	

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.078	0.024	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dibromofluoromethane (S)	91	%	60-135		50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,1,1-Trichloroethane	U	mg/Kg	0.078	0.022	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Toluene d8 (S)	99	%	60-135		50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.078	0.019	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-Bromofluorobenzene (S)	99	%	60-135		50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,1,2-Trichloroethane	U	mg/Kg	0.078	0.020	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,1-Dichloroethane	U	mg/Kg	0.078	0.031	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,1-Dichloroethene	U	mg/Kg	0.078	0.035	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,1-Dichloropropene	U	mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2,3-Trichlorobenzene	U	mg/Kg	0.039	0.00549	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2,3-Trichloropropane	U	mg/Kg	0.118	0.047	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2,4-Trichlorobenzene	U	mg/Kg	0.078	0.00863	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (2-4)** Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene	U	mg/Kg	0.078	0.011	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-DBCP	U	mg/Kg	0.078	0.00824	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dibromoethane (EDB)	U	mg/Kg	0.078	0.019	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dichlorobenzene	U	mg/Kg	0.078	0.011	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dichloroethane	U	mg/Kg	0.078	0.033	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dichloropropane	U	mg/Kg	0.078	0.024	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,3,5-Trimethylbenzene	U	mg/Kg	0.078	0.00824	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,3-Dichlorobenzene	U	mg/Kg	0.078	0.012	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,3-Dichloropropane	U	mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,4-Dichlorobenzene	U	mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
2,2-Dichloropropane	U	mg/Kg	0.078	0.021	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
2-Chlorotoluene	U	mg/Kg	0.078	0.015	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
2-Hexanone	U	mg/Kg	0.118	0.045	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-Chlorotoluene	U	mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-Isopropyltoluene	U	mg/Kg	0.078	0.00942	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-methyl-2-pentanone	U	mg/Kg	0.078	0.021	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Acetone	U	mg/Kg	0.392	0.122	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Acrolein	U	mg/Kg	0.392	0.183	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Acrylonitrile	U	mg/Kg	0.785	0.295	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Benzene	U	mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromobenzene	U	mg/Kg	0.078	0.015	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromochloromethane	U	mg/Kg	0.118	0.044	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromodichloromethane	U	mg/Kg	0.078	0.014	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromoform	U	mg/Kg	0.078	0.029	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromomethane	U	mg/Kg	0.118	0.059	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Carbon disulfide	U	mg/Kg	0.078	0.028	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Carbon tetrachloride	U	mg/Kg	0.078	0.021	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chlorobenzene	U	mg/Kg	0.078	0.017	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chloroethane	U	mg/Kg	0.078	0.023	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chloroform	U	mg/Kg	0.589	0.259	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chloromethane	U	mg/Kg	0.078	0.027	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dibromochloromethane	U	mg/Kg	0.078	0.022	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dibromomethane	U	mg/Kg	0.078	0.045	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dichlorodifluoromethane	U	mg/Kg	0.078	0.015	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
cis-1,3-Dichloropropene	U	mg/Kg	0.078	0.022	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Ethyl methacrylate	U	mg/Kg	0.078	0.014	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Ethylbenzene	U	mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Hexachlorobutadiene	U	mg/Kg	0.078	0.00863	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Iodomethane	U	mg/Kg	0.196	0.078	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Isopropylbenzene (Cumene)	U	mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Methyl ethyl ketone (MEK)	U	mg/Kg	0.392	0.057	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Methylene chloride	U	mg/Kg	0.589	0.392	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Naphthalene	U	mg/Kg	0.392	0.196	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (2-4)** Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.078	0.012	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Tetrachloroethene		U mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Toluene		U mg/Kg	0.078	0.016	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Trichloroethene		U mg/Kg	0.078	0.031	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Trichlorofluoromethane		U mg/Kg	0.078	0.029	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Vinyl acetate		U mg/Kg	0.078	0.032	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Vinyl chloride		U mg/Kg	0.078	0.038	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Xylenes- Total		U mg/Kg	0.078	0.039	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.078	0.017	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.078	0.036	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
m & p-xylene		U mg/Kg	0.078	0.025	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
n-Butylbenzene		U mg/Kg	0.078	0.010	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
n-propylbenzene		U mg/Kg	0.078	0.012	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
o-Xylene		U mg/Kg	0.078	0.014	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
sec-Butylbenzene		U mg/Kg	0.078	0.00903	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.785	0.278	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.118	0.044	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
tert-Butylbenzene		U mg/Kg	0.078	0.011	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.078	0.035	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.078	0.017	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	80.9 %		0.1		1		9/14/2023 10:20	CT	
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	39 %		66-136		1 9/8/2023 11:36	SMC	9/11/2023 15:46	TDB	J2

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	74 %		36-132		1 9/8/2023 11:36	SMC	9/11/2023 15:46	TDB	
Florida Pro Total		U mg/Kg	46.2	15.4	1 9/8/2023 11:36	SMC	9/11/2023 15:46	TDB	

Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	4.6	mg/Kg	1.3	0.27	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	
Arsenic	0.48i	mg/Kg	0.62	0.10	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	
Mercury		U mg/Kg	0.75	0.15	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003**

Date Received: 9/7/2023 19:00

Matrix: Soil/Solid

Sample ID: **SB-6 (2-4)**

Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Lead	7.5	mg/Kg	0.62	0.096	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

PARAMETER QUALIFIERS

J2 Surrogate recovery was outside defined limits due to matrix interference.

PROJECT COMMENTS

2387483 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

SAMPLE COMMENTS

2387483003 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	XXX/17747	Analysis Method:		EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387450001	2387450003	2387450004	2387460001	2387476001	2387477001
	2387483001	2387483002	2387483003			

METHOD BLANK: 290382

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	93	20-150	
2-Fluorobiphenyl (S)	%	94	30-150	
p-Terphenyl-d14 (S)	%	111	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 290383 290384

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				91	85	20-150	7		
2-Fluorobiphenyl (S)	%				93	87	30-150	7		
p-Terphenyl-d14 (S)	%				97	92	15-150	5		
Naphthalene	mg/Kg	2.01	1.79	1.68	89	84	40-150	6	40	
2-Methylnaphthalene	mg/Kg	2.01	1.85	1.71	93	85	40-150	8	40	
1-Methylnaphthalene	mg/Kg	2.02	1.88	1.75	93	87	40-150	7	40	
Acenaphthylene	mg/Kg	2	1.82	1.69	91	84	40-150	7	40	
Acenaphthene	mg/Kg	2	1.86	1.75	93	87	35-150	6	40	

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD: 290383 290384

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	mg/Kg	2	1.89	1.75	94	87	40-150	8	40	
Phenanthrene	mg/Kg	2.02	1.70	1.59	84	79	40-150	7	40	
Anthracene	mg/Kg	2	1.65	1.55	82	77	40-150	6	40	
Fluoranthene	mg/Kg	2	1.70	1.57	85	78	40-150	8	40	
Pyrene	mg/Kg	2	1.90	1.76	95	88	40-150	8	40	
Benzo(a)anthracene	mg/Kg	2.01	1.57	1.47	78	73	40-150	7	40	
Chrysene	mg/Kg	2.01	1.74	1.64	86	82	40-150	6	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.68	1.56	83	77	40-150	7	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.92	1.79	96	89	40-150	7	40	
Benzo(a)pyrene	mg/Kg	2	1.68	1.55	84	77	40-150	8	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.70	1.48	84	73	40-150	14	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.38	1.26	68	63	40-150	9	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.56	1.45	77	72	40-150	7	40	

MATRIX SPIKE SAMPLE: 290386

Original: 2387450004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				83	20-150	
2-Fluorobiphenyl (S)	%				85	30-150	
p-Terphenyl-d14 (S)	%				83	15-150	
Naphthalene	mg/Kg	0	3.16	2.71	86	40-150	
2-Methylnaphthalene	mg/Kg	0	3.16	2.78	88	40-150	
1-Methylnaphthalene	mg/Kg	0	3.18	2.84	89	40-150	
Acenaphthylene	mg/Kg	0	3.16	2.64	84	40-150	
Acenaphthene	mg/Kg	0	3.15	2.82	89	35-150	
Fluorene	mg/Kg	0	3.16	2.73	87	40-150	
Phenanthrene	mg/Kg	0.00401	3.18	2.45	77	40-150	
Anthracene	mg/Kg	0	3.16	2.31	73	40-150	
Fluoranthene	mg/Kg	0.0074	3.16	2.39	76	40-150	
Pyrene	mg/Kg	0	3.15	2.7	86	40-150	
Benzo(a)anthracene	mg/Kg	0.011	3.16	2.15	68	40-150	
Chrysene	mg/Kg	0.00727	3.17	2.4	76	40-150	
Benzo(b)fluoranthene	mg/Kg	0	3.18	2.24	70	40-150	
Benzo(k)fluoranthene	mg/Kg	0	3.16	2.63	83	40-150	
Benzo(a)pyrene	mg/Kg	0	3.15	2.24	71	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0	3.17	2.13	67	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0	3.17	1.72	54	40-150	
Benzo(g,h,i)perylene	mg/Kg	0	3.17	2.01	64	40-150	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 290385

Original: 2387450003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2760		6		
2-Fluorobiphenyl (S)	%	2850		7		
p-Terphenyl-d14 (S)	%	3090		11		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	U	U	0	40	
Acenaphthene	mg/Kg	U	U	0	40	
Fluorene	mg/Kg	U	U	0	40	
Phenanthrene	mg/Kg	U	U	0	40	
Anthracene	mg/Kg	U	U	0	40	
Fluoranthene	mg/Kg	U	U	0	40	
Pyrene	mg/Kg	U	U	0	40	
Benzo(a)anthracene	mg/Kg	U	U	0	40	
Chrysene	mg/Kg	U	U	0	40	
Benzo(b)fluoranthene	mg/Kg	U	U	0	40	
Benzo(k)fluoranthene	mg/Kg	U	U	0	40	
Benzo(a)pyrene	mg/Kg	U	U	0	40	
Dibenzo(a,h)anthracene	mg/Kg	U	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	U	0	40	
Benzo(g,h,i)perylene	mg/Kg	U	U	0	40	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	XXX/17748	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387450001	2387450003	2387450004	2387456016	2387456017	2387456018
	2387459001	2387460001	2387476001	2387477001	2387483001	2387483002
	2387483003					

METHOD BLANK: 290387

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	93	66-136	
Nonatriacontane (S)	%	83	36-132	
Florida Pro Total	mg/Kg	U	7.70	

LABORATORY CONTROL SAMPLE & LCSD: 290388 290389

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				100	86	66-136	15		
Nonatriacontane (S)	%				100	85	36-132	17		
Florida Pro Total	mg/Kg	33.9	28.7	24.6	85	72	65-119	15	25	

MATRIX SPIKE SAMPLE: 290391 Original: 2387456018

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				74	66-136	
Nonatriacontane (S)	%				78	36-132	
Florida Pro Total	mg/Kg	27.9	52.5	81.2	102	39-181	

SAMPLE DUPLICATE: 290390 Original: 2387450003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	5.89		9		
Nonatriacontane (S)	%	6.44		7		

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 290390

Original: 2387450003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Florida Pro Total	mg/Kg	U	U	0	25	P1



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	VXX/11905	Analysis Method:	EPA 8260C		
QC Batch Method:	EPA 5035				
Associated Lab Samples:	2387456016	2387456018	2387459001	2387483001	2387483002

METHOD BLANK: 290428

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	90	60-135	
Toluene d8 (S)	%	97	60-135	
4-Bromofluorobenzene (S)	%	98	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000400	
Chloromethane	mg/Kg	U	0.000900	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	U	0.010	
Carbon disulfide	mg/Kg	U	0.00200	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000400	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	
1,1,2-Trichloroethane	mg/Kg	U	0.000510	

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

METHOD BLANK: 290428

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	mg/Kg	U	0.000850	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000900	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000400	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000900	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000900	
o-Xylene	mg/Kg	U	0.000400	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000400	
Bromobenzene	mg/Kg	U	0.000900	
n-propylbenzene	mg/Kg	U	0.000900	
2-Chlorotoluene	mg/Kg	U	0.000900	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000900	
4-Chlorotoluene	mg/Kg	U	0.000900	
tert-Butylbenzene	mg/Kg	U	0.000900	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000750	
sec-Butylbenzene	mg/Kg	U	0.000900	
1,3-Dichlorobenzene	mg/Kg	U	0.000900	
1,4-Dichlorobenzene	mg/Kg	U	0.000900	
4-Isopropyltoluene	mg/Kg	U	0.000900	
1,2-Dichlorobenzene	mg/Kg	U	0.000900	
n-Butylbenzene	mg/Kg	U	0.000900	
1,2-DBCP	mg/Kg	U	0.000900	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000900	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000900	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000900	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD: 290429 290430

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				97	99	60-135	2	30	
Toluene d8 (S)	%				96	97	60-135	1	30	
4-Bromofluorobenzene (S)	%				108	108	60-135	0	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.044	0.047	87	94	60-135	7	30	
Chloromethane	mg/Kg	0.05	0.041	0.045	82	89	60-135	9	30	
Vinyl chloride	mg/Kg	0.05	0.040	0.045	80	91	60-135	12	30	
Bromomethane	mg/Kg	0.05	0.052	0.060	103	120	50-135	14	30	
Chloroethane	mg/Kg	0.05	0.036	0.039	71	78	60-135	8	30	
Trichlorofluoromethane	mg/Kg	0.05	0.046	0.050	93	100	60-135	8	30	
Acetone	mg/Kg	0.05	0.051	0.055	102	110	60-135	8	30	
1,1-Dichloroethene	mg/Kg	0.05	0.045	0.049	90	98	60-135	9	30	
Iodomethane	mg/Kg	0.05	0.048	0.051	96	103	60-135	6	30	
Methylene chloride	mg/Kg	0.05	0.048	0.051	97	102	50-135	6	30	
Carbon disulfide	mg/Kg	0.05	0.044	0.047	88	95	50-135	7	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.052	0.056	104	112	60-135	7	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.049	0.056	97	111	60-135	13	30	
1,1-Dichloroethane	mg/Kg	0.05	0.049	0.054	98	108	60-135	10	30	
Vinyl acetate	mg/Kg	0.05	0.058	0.061	115	122	50-135	5	30	
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.059	0.064	117	128	60-135	8	30	
cis-1,2-Dichloroethene	mg/Kg	0.05	0.051	0.054	101	109	60-135	6	30	
Bromochloromethane	mg/Kg	0.05	0.050	0.055	100	109	60-135	10	30	
Chloroform	mg/Kg	0.05	0.049	0.054	98	107	60-135	10	30	
2,2-Dichloropropane	mg/Kg	0.05	0.053	0.058	106	115	50-135	9	30	
1,2-Dichloroethane	mg/Kg	0.05	0.047	0.053	95	106	60-135	12	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.057	0.062	115	124	60-135	8	30	
1,1-Dichloropropene	mg/Kg	0.05	0.060	0.064	120	128	60-135	6	30	
Carbon tetrachloride	mg/Kg	0.05	0.048	0.051	95	103	60-135	6	30	
Benzene	mg/Kg	0.05	0.056	0.061	113	121	60-135	9	30	
Dibromomethane	mg/Kg	0.05	0.048	0.053	96	106	60-135	10	30	
1,2-Dichloropropane	mg/Kg	0.05	0.051	0.054	102	108	60-135	6	30	
Trichloroethene	mg/Kg	0.05	0.058	0.062	117	125	60-135	7	30	
Bromodichloromethane	mg/Kg	0.05	0.045	0.049	90	97	60-135	9	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.053	0.059	106	118	60-135	11	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.049	0.055	98	111	60-135	12	30	
trans-1,3-Dichloropropene	mg/Kg	0.05	0.053	0.059	106	118	60-135	11	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.048	0.053	97	106	60-135	10	30	
Toluene	mg/Kg	0.05	0.055	0.059	111	118	60-135	7	30	
1,3-Dichloropropane	mg/Kg	0.05	0.054	0.057	108	113	60-135	5	30	
Ethyl methacrylate	mg/Kg	0.05	0.057	0.063	114	127	60-135	10	30	
Dibromochloromethane	mg/Kg	0.05	0.047	0.054	94	108	60-135	14	30	
2-Hexanone	mg/Kg	0.05	0.049	0.060	97	119	60-135	20	30	
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.057	0.061	114	123	60-135	7	30	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD:		290429	290430							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Tetrachloroethene	mg/Kg	0.05	0.054	0.062	108	123	60-135	14	30	
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.060	0.067	119	134	60-135	11	30	
Chlorobenzene	mg/Kg	0.05	0.060	0.064	119	127	60-135	6	30	
Ethylbenzene	mg/Kg	0.05	0.060	0.064	120	127	60-135	6	30	
m & p-xylene	mg/Kg	0.1	0.117	0.127	117	127	60-135	8	30	
Bromoform	mg/Kg	0.05	0.047	0.055	94	111	60-135	16	30	
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.054	0.059	108	118	60-135	9	30	
Styrene	mg/Kg	0.05	0.055	0.061	110	122	60-135	10	30	
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.055	0.061	110	123	60-135	10	30	
o-Xylene	mg/Kg	0.05	0.056	0.061	112	121	60-135	9	30	
1,2,3-Trichloropropane	mg/Kg	0.05	0.050	0.053	100	106	60-135	6	30	
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.054	0.060	109	120	60-135	11	30	
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.061	0.067	121	133	60-135	9	30	
Bromobenzene	mg/Kg	0.05	0.060	0.066	120	132	60-135	10	30	
n-propylbenzene	mg/Kg	0.05	0.071	0.075	142	149	60-135	5	30	J3a
2-Chlorotoluene	mg/Kg	0.05	0.065	0.069	129	138	60-135	6	30	J3a
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.065	0.068	129	136	60-135	5	30	J3a
4-Chlorotoluene	mg/Kg	0.05	0.065	0.070	130	140	60-135	7	30	J3a
tert-Butylbenzene	mg/Kg	0.05	0.070	0.075	141	150	60-135	7	30	J3a
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.070	0.073	139	146	60-135	4	30	J3a
sec-Butylbenzene	mg/Kg	0.05	0.066	0.070	133	139	60-135	6	30	J3a
1,3-Dichlorobenzene	mg/Kg	0.05	0.060	0.064	120	127	60-135	6	30	
1,4-Dichlorobenzene	mg/Kg	0.05	0.059	0.062	119	124	60-135	5	30	
4-Isopropyltoluene	mg/Kg	0.05	0.071	0.074	143	147	60-135	4	30	J3a
1,2-Dichlorobenzene	mg/Kg	0.05	0.057	0.063	114	126	60-135	10	30	
n-Butylbenzene	mg/Kg	0.05	0.073	0.076	147	152	60-135	4	30	J3a
1,2-DCBP	mg/Kg	0.05	0.046	0.052	92	104	60-135	12	30	
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.063	0.069	126	138	60-135	9	30	J3a
Naphthalene	mg/Kg	0.05	0.055	0.062	110	123	60-135	12	30	
Hexachlorobutadiene	mg/Kg	0.05	0.087	0.100	174	200	60-135	14	30	J3a
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.058	0.062	117	125	60-135	7	30	
Xylenes- Total	mg/Kg	0.15	0.173	0.187	115	125	60-135	8	30	

LABORATORY CONTROL SAMPLE & LCSD:		290431	290432							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				92	94	60-135	1	30	
Toluene d8 (S)	%				96	98	60-135	2	30	
4-Bromofluorobenzene (S)	%				101	104	60-135	3	30	
Acrolein	mg/Kg	0.25	0.289	0.295	116	118	50-135	2	30	
Acrylonitrile	mg/Kg	0.25	0.263	0.268	105	107	50-135	2	30	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch: VXX/11907 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035
Associated Lab Samples: 2387483001

METHOD BLANK: 290496

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	93	60-135	
Toluene d8 (S)	%	99	60-135	
4-Bromofluorobenzene (S)	%	98	60-135	
Methylene chloride	mg/Kg	U	0.010	

LABORATORY CONTROL SAMPLE & LCSD: 290497 290498

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				99	98	60-135	3	30	
Toluene d8 (S)	%				97	96	60-135	3	30	
4-Bromofluorobenzene (S)	%				103	103	60-135	0	30	
Methylene chloride	mg/Kg	0.05	0.049	0.054	99	107	50-135	10	30	

LABORATORY CONTROL SAMPLE & LCSD: 290499 290500

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				94	97	60-135	3	30	
Toluene d8 (S)	%				98	96	60-135	0	30	
4-Bromofluorobenzene (S)	%				99	100	60-135	0	30	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	MXX/15592	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387455001	2387455002	2387455003	2387455004	2387459001	2387461001
	2387461002	2387461003	2387461004	2387461005	2387461006	2387461007
	2387461008	2387461009	2387462001	2387462002	2387462003	2387483001
	2387483002	2387483003				

METHOD BLANK: 290579

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 290580 290581

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.7	9.8	96.8	98.4	80-120	1.03	20	
Arsenic	mg/Kg	10	9.2	9.3	92.2	92.7	80-120	1.08	20	
Mercury	mg/Kg	1.3	1.2	1.2	97.2	97.5	80-120	0	20	
Lead	mg/Kg	10	9.8	9.8	97.6	97.7	80-120	0	20	

MATRIX SPIKE SAMPLE: 290583 Original: 2387483003

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	3.7	20	26	110	75-125	
Arsenic	mg/Kg	0.39	20	21	103	75-125	
Mercury	mg/Kg	0.02	2.5	3	118	75-125	
Lead	mg/Kg	6	20	31	123	75-125	

SAMPLE DUPLICATE: 290582 Original: 2387483003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	3.7	4.9	7.79	20	
Arsenic	mg/Kg	0.39	0.48i	2.6	20	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 290582

Original: 2387483003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	6	8.0	8	20	



QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QUALITY CONTROL PARAMETER QUALIFIERS

- J3a LCS value exceeded accuracy control limits which could bias high sample results; however, sample data is non detect and was not impacted.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387483001	SB-6 (0-0.5)	EPA 3545	XXX/17747	EPA 8310 List by 8270E SIM (S)	XMS/8956
2387483002	SB-6 (0.5-2)	EPA 3545	XXX/17747	EPA 8310 List by 8270E SIM (S)	XMS/8956
2387483003	SB-6 (2-4)	EPA 3545	XXX/17747	EPA 8310 List by 8270E SIM (S)	XMS/8956
2387483001	SB-6 (0-0.5)	EPA 3545	XXX/17748	FL-PRO (GC)	XGCP/6175
2387483002	SB-6 (0.5-2)	EPA 3545	XXX/17748	FL-PRO (GC)	XGCP/6175
2387483003	SB-6 (2-4)	EPA 3545	XXX/17748	FL-PRO (GC)	XGCP/6176
2387483001	SB-6 (0-0.5)	EPA 5035	VXX/11905	EPA 8260C	VMS/11729
2387483002	SB-6 (0.5-2)	EPA 5035	VXX/11905	EPA 8260C	VMS/11729
2387483001	SB-6 (0-0.5)	EPA 5035	VXX/11907	EPA 8260C	VMS/11731
2387483001	SB-6 (0-0.5)	EPA 3050B (mod)	MXX/15592	EPA 6020	MMS/13854
2387483002	SB-6 (0.5-2)	EPA 3050B (mod)	MXX/15592	EPA 6020	MMS/13854
2387483003	SB-6 (2-4)	EPA 3050B (mod)	MXX/15592	EPA 6020	MMS/13854
2387483001	SB-6 (0-0.5)	SM 2540G	WGR/5999		
2387483002	SB-6 (0.5-2)	SM 2540G	WGR/5999		
2387483003	SB-6 (2-4)	SM 2540G	WGR/5999		
2387483003	SB-6 (2-4)	5035 (High)	VXX/11912	EPA 8260C (MEOH EXT. S)	VMS/11736



Company Name SFRPC Star Startec						LAB ANALYSIS										Requested Turnaround Time Note: Rush requests subject to acceptance by the laboratory <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited Due ___/___/___			
Address [Redacted]						Parameters	Pres Codes											Field Filtered (Y/N)	
City Clearwater State FL Zip _____																			
Sampling Site Address Homeshead, FL																			
Attn: Kevin Yue Email _____																			
Project Name SFRPC Tr. & Mkt Properties Project # 21561767																Comments			
Sampler Name/Signature K. Yue, lab																			
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	Parameters													
1	SB-6 (0-0.5)	9/7/23	14:20	S	7	X	X	X	X										
2	SB-6 (0.5-2)	9/7/23	14:25	S	7	X	X	X	X										*EQUIS needed
3	SB-6 (2-4)	9/7/23	14:30	S	7	X	X	X	X										
4																			
5																			Metals per email:
6																			As, Pb, Hg, Cr
7																			
8																			
9																			
0																			

Matrix Codes*		Pres Codes		Relinquished by		Date	Time	Received by	Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	V. Yue, lab / [Signature] [Signature] [Signature]		9/7/23	1511	[Signature]	9/7/23	15:11
GW Ground Water	SL Sludge	B- HNO ₃	O- Other			9/7/23	1730	[Signature]	9/7/23	17:30
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH			9/7/23	1900	[Signature]	9/7/23	19:00
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃							
		E- HCl	Z- ZnAc							
QA/QC level with report None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees				Temp Control:						
FDEP Dry Cleaning <input type="checkbox"/>		FDEP UST Pre-Approval <input type="checkbox"/>		SFWM <input type="checkbox"/>		ADaPT <input type="checkbox"/>		DOT <input type="checkbox"/>		
-1.6 °C										

Sample Receiving

From: Yue, Kevin <Kevin.Yue@stantec.com> on behalf of Yue, Kevin
Sent: Friday, September 8, 2023 8:31 AM
To: Sample Receiving
Cc: Client Services; Urgiles, Victor; Jones, Alexander (Clearwater); Gonzalez, Enrico
Subject: Re: Metal analysis

Going by the SS QAPP - arsenic, lead, mercury, and chromium.

Kevin Yue PE, CEP
Senior Environmental Engineer

Direct: 239 263-6421
Mobile: 239-409-1323
Kevin.Yue@stantec.com

Stantec
3510 Kraft Road Suite 200
Naples FL 34105-5029



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Please consider the environment before printing this email.

From: Sample Receiving <samlereceiving@jupiterlabs.com>
Sent: Friday, September 8, 2023 8:05:20 AM
To: Yue, Kevin <Kevin.Yue@stantec.com>
Cc: Client Services <clientservices@jupiterlabs.com>
Subject: Metal analysis

Good morning,

Please specify which metals analysis you would like for your project 'SFRPC Triangle Properties'. I have attached the COC for reference.

Best Regards,
Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)
NELAP . DoD ELAP . ISO 17025 . WMBE

We Care about your opinion, please take our survey to provide important feedback at <https://www.surveymonkey.com/r/TDSL3XP>



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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2387483	Profile:	4527
Client:	Stantec	Project:	K. Yve
Level:	1	Date Rec'd:	9/7/2023 7:00:00 PM
Rec'd via:	courier		

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	1.6	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	No	Written on Internal COC?	No
pH Strip Lot #		Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #		Samples Rec'd W/I Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	N/A
Number of Encores	0	Number of Lab Filtered Metals	0

Samples Labeled by KS 9/8/2023 Labels Confirmed by AOJ 9/8/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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September 22, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387483
Project ID: SFRPC Triangle Properties

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, September 07, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Genesis De Sousa for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Method	Analytes Reported
2387483001	SB-6 (0-0.5)	EPA 6020	4
		EPA 8260C	75
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387483002	SB-6 (0.5-2)	EPA 6020	4
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387483003	SB-6 (2-4)	EPA 6020	4
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1



SAMPLE SUMMARY

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387483001	SB-6 (0-0.5)	Soil/Solid	9/7/2023 14:20	9/7/2023 19:00
2387483002	SB-6 (0.5-2)	Soil/Solid	9/7/2023 14:25	9/7/2023 19:00
2387483003	SB-6 (2-4)	Soil/Solid	9/7/2023 14:30	9/7/2023 19:00

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483001** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0-0.5)** Date Collected: 9/7/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
------------	---------	-------	-----	-----	-------------	----	----------	----	------

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.782	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
2-Methylnaphthalene	U	mg/Kg	0.782	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Acenaphthene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Acenaphthylene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Anthracene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(a)anthracene	0.098i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(a)pyrene	0.064i	mg/Kg	0.235	0.036	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(b)fluoranthene	0.117i	mg/Kg	0.235	0.051	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(g,h,i)perylene	0.076i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Chrysene	0.090i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.235	0.020	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Fluoranthene	0.188i	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Nitrobenzene-d5 (S)	83	%	20-150		1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Fluorene	U	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Indeno(1,2,3-cd)pyrene	0.086i	mg/Kg	0.235	0.059	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Naphthalene	U	mg/Kg	0.782	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Phenanthrene	U	mg/Kg	0.391	0.195	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
Pyrene	0.167i	mg/Kg	0.391	0.098	1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
2-Fluorobiphenyl (S)	85	%	30-150		1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB
p-Terphenyl-d14 (S)	92	%	15-150		1 9/8/2023 11:30	SMC	9/11/2023 18:54	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00259	0.000778	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
Dibromofluoromethane (S)	99	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00259	0.000713	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
Toluene d8 (S)	97	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
4-Bromofluorobenzene (S)	107	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00259	0.000661	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1-Dichloroethane	U	mg/Kg	0.00259	0.00101	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1-Dichloroethene	U	mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,1-Dichloropropene	U	mg/Kg	0.00259	0.000609	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00130	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00389	0.00156	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB

Report ID: 2387483 - 3818315
9/22/2023

Page 4 of 35

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483001** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0-0.5)** Date Collected: 9/7/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00259	0.000972	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-DBCP		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00259	0.000622	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dichloroethane		U mg/Kg	0.00259	0.00109	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,2-Dichloropropane		U mg/Kg	0.00259	0.000778	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,3-Dichloropropane		U mg/Kg	0.00259	0.000583	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
2,2-Dichloropropane		U mg/Kg	0.00259	0.000687	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
2-Chlorotoluene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
2-Hexanone		U mg/Kg	0.00389	0.00149	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
4-Chlorotoluene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
4-Isopropyltoluene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00259	0.000700	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Acetone		U mg/Kg	0.013	0.00403	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Acrolein		U mg/Kg	0.013	0.00604	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Acrylonitrile		U mg/Kg	0.026	0.00973	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Benzene		U mg/Kg	0.00259	0.000596	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromobenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromochloromethane		U mg/Kg	0.00389	0.00144	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromodichloromethane		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromoform		U mg/Kg	0.00259	0.000972	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Bromomethane		U mg/Kg	0.00389	0.00194	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Carbon disulfide		U mg/Kg	0.00518	0.00259	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Carbon tetrachloride		U mg/Kg	0.00259	0.000700	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chlorobenzene		U mg/Kg	0.00259	0.000557	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chloroethane		U mg/Kg	0.00259	0.000752	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chloroform		U mg/Kg	0.019	0.00855	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Chloromethane		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Dibromochloromethane		U mg/Kg	0.00259	0.000739	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Dibromomethane		U mg/Kg	0.00259	0.00148	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00259	0.000726	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Ethyl methacrylate		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Ethylbenzene		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Hexachlorobutadiene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Iodomethane		U mg/Kg	0.00648	0.00259	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00188	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Methylene chloride	0.021	mg/Kg	0.016	0.010	1 9/11/2023 10:00	TDB	9/11/2023 14:57	TDB	
Naphthalene		U mg/Kg	0.013	0.00648	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483001** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0-0.5)** Date Collected: 9/7/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Toluene		U mg/Kg	0.00259	0.00110	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Trichloroethene		U mg/Kg	0.00259	0.00101	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Trichlorofluoromethane		U mg/Kg	0.00259	0.000972	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Vinyl acetate		U mg/Kg	0.00259	0.00106	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Vinyl chloride		U mg/Kg	0.00259	0.00127	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
Xylenes- Total		U mg/Kg	0.00259	0.00128	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00259	0.000570	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00259	0.00121	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
m & p-xylene		U mg/Kg	0.00259	0.000829	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
n-Butylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
n-propylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
o-Xylene		U mg/Kg	0.00259	0.000518	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
sec-Butylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00918	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00389	0.00144	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
tert-Butylbenzene		U mg/Kg	0.00259	0.00117	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00259	0.00115	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00259	0.000570	1 9/8/2023 10:00	TDB	9/8/2023 15:46	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.3 %		0.1		1		9/14/2023 10:19	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	78 %		66-136		5 9/8/2023 11:36	SMC	9/11/2023 16:07	TDB	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	82 %		36-132		5 9/8/2023 11:36	SMC	9/11/2023 16:07	TDB	
Florida Pro Total	2860 mg/Kg		226	75.2	5 9/8/2023 11:36	SMC	9/11/2023 16:07	TDB	

Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	27 mg/Kg		1.3	0.26	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	
Arsenic	8.9 mg/Kg		0.60	0.098	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	
Mercury	U mg/Kg		0.73	0.15	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	
Lead	97 mg/Kg		0.60	0.094	2 9/11/2023 17:07	ECW	9/12/2023 01:23	DB	



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.732	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
2-Methylnaphthalene	U	mg/Kg	0.732	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Acenaphthene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Acenaphthylene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Anthracene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(a)anthracene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(a)pyrene	U	mg/Kg	0.220	0.034	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.220	0.048	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Chrysene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.220	0.018	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Nitrobenzene-d5 (S)	80	%	20-150		1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Fluoranthene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Fluorene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.220	0.055	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Naphthalene	U	mg/Kg	0.732	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Phenanthrene	U	mg/Kg	0.366	0.183	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
Pyrene	U	mg/Kg	0.366	0.092	1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
2-Fluorobiphenyl (S)	62	%	30-150		1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB
p-Terphenyl-d14 (S)	61	%	15-150		1 9/8/2023 11:30	SMC	9/11/2023 19:17	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00202	0.000605	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
Dibromofluoromethane (S)	101	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00202	0.000554	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
Toluene d8 (S)	97	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
4-Bromofluorobenzene (S)	97	%	60-135		1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00202	0.000514	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1-Dichloroethane	U	mg/Kg	0.00202	0.000786	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1-Dichloroethene	U	mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,1-Dichloropropene	U	mg/Kg	0.00202	0.000474	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00101	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00302	0.00121	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00202	0.000756	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-DBCP		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00202	0.000484	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dichloroethane		U mg/Kg	0.00202	0.000847	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,2-Dichloropropane		U mg/Kg	0.00202	0.000605	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,3-Dichloropropane		U mg/Kg	0.00202	0.000454	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
2,2-Dichloropropane		U mg/Kg	0.00202	0.000534	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
2-Chlorotoluene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
2-Hexanone		U mg/Kg	0.00302	0.00116	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
4-Chlorotoluene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
4-Isopropyltoluene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00202	0.000544	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Acetone		U mg/Kg	0.010	0.00313	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Acrolein		U mg/Kg	0.010	0.00470	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Acrylonitrile		U mg/Kg	0.020	0.00757	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Benzene		U mg/Kg	0.00202	0.000464	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromobenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromochloromethane		U mg/Kg	0.00302	0.00112	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromodichloromethane		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromoform		U mg/Kg	0.00202	0.000756	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Bromomethane		U mg/Kg	0.00302	0.00151	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Carbon disulfide		U mg/Kg	0.00403	0.00202	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Carbon tetrachloride		U mg/Kg	0.00202	0.000544	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chlorobenzene		U mg/Kg	0.00202	0.000433	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chloroethane		U mg/Kg	0.00202	0.000585	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chloroform		U mg/Kg	0.015	0.00665	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Chloromethane		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Dibromochloromethane		U mg/Kg	0.00202	0.000574	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Dibromomethane		U mg/Kg	0.00202	0.00115	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00202	0.000564	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Ethyl methacrylate		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Ethylbenzene		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Hexachlorobutadiene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Iodomethane		U mg/Kg	0.00504	0.00202	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.010	0.00146	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Methylene chloride		U mg/Kg	0.015	0.010	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Naphthalene		U mg/Kg	0.010	0.00504	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Tetrachloroethene		U mg/Kg	0.00202	0.000454	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Toluene		U mg/Kg	0.00202	0.000857	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Trichloroethene		U mg/Kg	0.00202	0.000786	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Trichlorofluoromethane		U mg/Kg	0.00202	0.000756	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Vinyl acetate		U mg/Kg	0.00202	0.000826	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Vinyl chloride		U mg/Kg	0.00202	0.000988	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
Xylenes- Total		U mg/Kg	0.00202	0.000998	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00202	0.000443	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00202	0.000937	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
m & p-xylene		U mg/Kg	0.00202	0.000645	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
n-Butylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
n-propylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
o-Xylene		U mg/Kg	0.00202	0.000403	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
sec-Butylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.020	0.00714	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00302	0.00112	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
tert-Butylbenzene		U mg/Kg	0.00202	0.000907	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00202	0.000897	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00202	0.000443	1 9/8/2023 10:00	TDB	9/8/2023 16:11	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	86.4 %	0.1	1				9/14/2023 10:19	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	49 %	66-136	5	9/8/2023 11:36	SMC	9/11/2023 16:29	TDB	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	79 %	36-132	5	9/8/2023 11:36	SMC	9/11/2023 16:29	TDB		
Florida Pro Total	299 mg/Kg	211	70.5	5 9/8/2023 11:36	SMC	9/11/2023 16:29	TDB		

Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	11 mg/Kg	1.3	0.25	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB		
Arsenic	1.3 mg/Kg	0.58	0.095	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB		
Mercury	U mg/Kg	0.71	0.14	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB		



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483002** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (0.5-2)** Date Collected: 9/7/2023 14:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Lead	33	mg/Kg	0.58	0.090	2 9/11/2023 17:07	ECW	9/12/2023 01:28	DB	



ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (2-4)** Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.799	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
2-Methylnaphthalene	U	mg/Kg	0.799	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Acenaphthene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Acenaphthylene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Anthracene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Benzo(a)anthracene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Benzo(a)pyrene	U	mg/Kg	0.240	0.037	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.240	0.052	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Chrysene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.240	0.020	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Nitrobenzene-d5 (S)	65	%	20-150		1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Fluoranthene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Fluorene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.240	0.060	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Naphthalene	U	mg/Kg	0.799	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Phenanthrene	U	mg/Kg	0.400	0.200	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
Pyrene	U	mg/Kg	0.400	0.100	1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
2-Fluorobiphenyl (S)	45	%	30-150		1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB
p-Terphenyl-d14 (S)	63	%	15-150		1 9/8/2023 11:30	SMC	9/11/2023 19:40	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.078	0.024	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
Dibromofluoromethane (S)	91	%	60-135		50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.078	0.022	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
Toluene d8 (S)	99	%	60-135		50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.078	0.019	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
4-Bromofluorobenzene (S)	99	%	60-135		50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.078	0.020	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,1-Dichloroethane	U	mg/Kg	0.078	0.031	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,1-Dichloroethene	U	mg/Kg	0.078	0.035	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,1-Dichloropropene	U	mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.039	0.00549	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.118	0.047	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.078	0.00863	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003**

Date Received: 9/7/2023 19:00

Matrix: Soil/Solid

Sample ID: **SB-6 (2-4)**

Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.078	0.011	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-DBCP		U mg/Kg	0.078	0.00824	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.078	0.019	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.078	0.011	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dichloroethane		U mg/Kg	0.078	0.033	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,2-Dichloropropane		U mg/Kg	0.078	0.024	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.078	0.00824	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.078	0.012	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,3-Dichloropropane		U mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
2,2-Dichloropropane		U mg/Kg	0.078	0.021	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
2-Chlorotoluene		U mg/Kg	0.078	0.015	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
2-Hexanone		U mg/Kg	0.118	0.045	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-Chlorotoluene		U mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-Isopropyltoluene		U mg/Kg	0.078	0.00942	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
4-methyl-2-pentanone		U mg/Kg	0.078	0.021	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Acetone		U mg/Kg	0.392	0.122	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Acrolein		U mg/Kg	0.392	0.183	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Acrylonitrile		U mg/Kg	0.785	0.295	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Benzene		U mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromobenzene		U mg/Kg	0.078	0.015	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromochloromethane		U mg/Kg	0.118	0.044	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromodichloromethane		U mg/Kg	0.078	0.014	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromoform		U mg/Kg	0.078	0.029	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Bromomethane		U mg/Kg	0.118	0.059	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Carbon disulfide		U mg/Kg	0.078	0.028	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Carbon tetrachloride		U mg/Kg	0.078	0.021	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chlorobenzene		U mg/Kg	0.078	0.017	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chloroethane		U mg/Kg	0.078	0.023	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chloroform		U mg/Kg	0.589	0.259	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Chloromethane		U mg/Kg	0.078	0.027	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dibromochloromethane		U mg/Kg	0.078	0.022	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dibromomethane		U mg/Kg	0.078	0.045	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Dichlorodifluoromethane		U mg/Kg	0.078	0.015	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.078	0.022	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Ethyl methacrylate		U mg/Kg	0.078	0.014	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Ethylbenzene		U mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Hexachlorobutadiene		U mg/Kg	0.078	0.00863	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Iodomethane		U mg/Kg	0.196	0.078	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.078	0.013	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.392	0.057	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Methylene chloride		U mg/Kg	0.589	0.392	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Naphthalene		U mg/Kg	0.392	0.196	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003** Date Received: 9/7/2023 19:00 Matrix: Soil/Solid
Sample ID: **SB-6 (2-4)** Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.078	0.012	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Tetrachloroethene		U mg/Kg	0.078	0.018	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Toluene		U mg/Kg	0.078	0.016	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Trichloroethene		U mg/Kg	0.078	0.031	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Trichlorofluoromethane		U mg/Kg	0.078	0.029	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Vinyl acetate		U mg/Kg	0.078	0.032	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Vinyl chloride		U mg/Kg	0.078	0.038	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
Xylenes- Total		U mg/Kg	0.078	0.039	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.078	0.017	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.078	0.036	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
m & p-xylene		U mg/Kg	0.078	0.025	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
n-Butylbenzene		U mg/Kg	0.078	0.010	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
n-propylbenzene		U mg/Kg	0.078	0.012	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
o-Xylene		U mg/Kg	0.078	0.014	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
sec-Butylbenzene		U mg/Kg	0.078	0.00903	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.785	0.278	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.118	0.044	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
tert-Butylbenzene		U mg/Kg	0.078	0.011	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.078	0.035	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.078	0.017	50 9/13/2023 10:00	TDB	9/13/2023 18:35	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	80.9 %		0.1		1		9/14/2023 10:20	CT	
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	39 %		66-136		1 9/8/2023 11:36	SMC	9/11/2023 15:46	TDB	J2

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	74 %		36-132		1 9/8/2023 11:36	SMC	9/11/2023 15:46	TDB	
Florida Pro Total		U mg/Kg	46.2	15.4	1 9/8/2023 11:36	SMC	9/11/2023 15:46	TDB	

Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	4.6	mg/Kg	1.3	0.27	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	
Arsenic	0.48i	mg/Kg	0.62	0.10	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	
Mercury		U mg/Kg	0.75	0.15	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	

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ANALYTICAL RESULTS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID: **2387483003**

Date Received: 9/7/2023 19:00

Matrix: Soil/Solid

Sample ID: **SB-6 (2-4)**

Date Collected: 9/7/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Lead	7.5	mg/Kg	0.62	0.096	2 9/11/2023 17:07	ECW	9/12/2023 01:32	DB	



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

PARAMETER QUALIFIERS

J2 Surrogate recovery was outside defined limits due to matrix interference.

PROJECT COMMENTS

2387483 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

SAMPLE COMMENTS

2387483003 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	XXX/17747	Analysis Method:		EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387450001	2387450003	2387450004	2387460001	2387476001	2387477001
	2387483001	2387483002	2387483003			

METHOD BLANK: 290382

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	93	20-150	
2-Fluorobiphenyl (S)	%	94	30-150	
p-Terphenyl-d14 (S)	%	111	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 290383 290384

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				91	85	20-150	7		
2-Fluorobiphenyl (S)	%				93	87	30-150	7		
p-Terphenyl-d14 (S)	%				97	92	15-150	5		
Naphthalene	mg/Kg	2.01	1.79	1.68	89	84	40-150	6	40	
2-Methylnaphthalene	mg/Kg	2.01	1.85	1.71	93	85	40-150	8	40	
1-Methylnaphthalene	mg/Kg	2.02	1.88	1.75	93	87	40-150	7	40	
Acenaphthylene	mg/Kg	2	1.82	1.69	91	84	40-150	7	40	
Acenaphthene	mg/Kg	2	1.86	1.75	93	87	35-150	6	40	

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD: 290383 290384

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	mg/Kg	2	1.89	1.75	94	87	40-150	8	40	
Phenanthrene	mg/Kg	2.02	1.70	1.59	84	79	40-150	7	40	
Anthracene	mg/Kg	2	1.65	1.55	82	77	40-150	6	40	
Fluoranthene	mg/Kg	2	1.70	1.57	85	78	40-150	8	40	
Pyrene	mg/Kg	2	1.90	1.76	95	88	40-150	8	40	
Benzo(a)anthracene	mg/Kg	2.01	1.57	1.47	78	73	40-150	7	40	
Chrysene	mg/Kg	2.01	1.74	1.64	86	82	40-150	6	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.68	1.56	83	77	40-150	7	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.92	1.79	96	89	40-150	7	40	
Benzo(a)pyrene	mg/Kg	2	1.68	1.55	84	77	40-150	8	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.70	1.48	84	73	40-150	14	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.38	1.26	68	63	40-150	9	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.56	1.45	77	72	40-150	7	40	

MATRIX SPIKE SAMPLE: 290386

Original: 2387450004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				83	20-150	
2-Fluorobiphenyl (S)	%				85	30-150	
p-Terphenyl-d14 (S)	%				83	15-150	
Naphthalene	mg/Kg	0	3.16	2.71	86	40-150	
2-Methylnaphthalene	mg/Kg	0	3.16	2.78	88	40-150	
1-Methylnaphthalene	mg/Kg	0	3.18	2.84	89	40-150	
Acenaphthylene	mg/Kg	0	3.16	2.64	84	40-150	
Acenaphthene	mg/Kg	0	3.15	2.82	89	35-150	
Fluorene	mg/Kg	0	3.16	2.73	87	40-150	
Phenanthrene	mg/Kg	0.00401	3.18	2.45	77	40-150	
Anthracene	mg/Kg	0	3.16	2.31	73	40-150	
Fluoranthene	mg/Kg	0.0074	3.16	2.39	76	40-150	
Pyrene	mg/Kg	0	3.15	2.7	86	40-150	
Benzo(a)anthracene	mg/Kg	0.011	3.16	2.15	68	40-150	
Chrysene	mg/Kg	0.00727	3.17	2.4	76	40-150	
Benzo(b)fluoranthene	mg/Kg	0	3.18	2.24	70	40-150	
Benzo(k)fluoranthene	mg/Kg	0	3.16	2.63	83	40-150	
Benzo(a)pyrene	mg/Kg	0	3.15	2.24	71	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0	3.17	2.13	67	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0	3.17	1.72	54	40-150	
Benzo(g,h,i)perylene	mg/Kg	0	3.17	2.01	64	40-150	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 290385

Original: 2387450003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2760		6		
2-Fluorobiphenyl (S)	%	2850		7		
p-Terphenyl-d14 (S)	%	3090		11		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	U	U	0	40	
Acenaphthene	mg/Kg	U	U	0	40	
Fluorene	mg/Kg	U	U	0	40	
Phenanthrene	mg/Kg	U	U	0	40	
Anthracene	mg/Kg	U	U	0	40	
Fluoranthene	mg/Kg	U	U	0	40	
Pyrene	mg/Kg	U	U	0	40	
Benzo(a)anthracene	mg/Kg	U	U	0	40	
Chrysene	mg/Kg	U	U	0	40	
Benzo(b)fluoranthene	mg/Kg	U	U	0	40	
Benzo(k)fluoranthene	mg/Kg	U	U	0	40	
Benzo(a)pyrene	mg/Kg	U	U	0	40	
Dibenzo(a,h)anthracene	mg/Kg	U	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	U	0	40	
Benzo(g,h,i)perylene	mg/Kg	U	U	0	40	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	XXX/17748	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387450001	2387450003	2387450004	2387456016	2387456017	2387456018
	2387459001	2387460001	2387476001	2387477001	2387483001	2387483002
	2387483003					

METHOD BLANK: 290387

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	93	66-136	
Nonatriacontane (S)	%	83	36-132	
Florida Pro Total	mg/Kg	U	7.70	

LABORATORY CONTROL SAMPLE & LCSD: 290388 290389

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				100	86	66-136	15		
Nonatriacontane (S)	%				100	85	36-132	17		
Florida Pro Total	mg/Kg	33.9	28.7	24.6	85	72	65-119	15	25	

MATRIX SPIKE SAMPLE: 290391 Original: 2387456018

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				74	66-136	
Nonatriacontane (S)	%				78	36-132	
Florida Pro Total	mg/Kg	27.9	52.5	81.2	102	39-181	

SAMPLE DUPLICATE: 290390 Original: 2387450003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	5.89		9		
Nonatriacontane (S)	%	6.44		7		

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 290390

Original: 2387450003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Florida Pro Total	mg/Kg	U	U	0	25	P1



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	VXX/11905	Analysis Method:	EPA 8260C
QC Batch Method:	EPA 5035		
Associated Lab Samples:	2387456016	2387456018	2387459001
			2387483001
			2387483002

METHOD BLANK: 290428

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	90	60-135	
Toluene d8 (S)	%	97	60-135	
4-Bromofluorobenzene (S)	%	98	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000400	
Chloromethane	mg/Kg	U	0.000900	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	U	0.010	
Carbon disulfide	mg/Kg	U	0.00200	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000400	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	
1,1,2-Trichloroethane	mg/Kg	U	0.000510	

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

METHOD BLANK: 290428

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	mg/Kg	U	0.000850	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000900	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000400	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000900	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000900	
o-Xylene	mg/Kg	U	0.000400	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000400	
Bromobenzene	mg/Kg	U	0.000900	
n-propylbenzene	mg/Kg	U	0.000900	
2-Chlorotoluene	mg/Kg	U	0.000900	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000900	
4-Chlorotoluene	mg/Kg	U	0.000900	
tert-Butylbenzene	mg/Kg	U	0.000900	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000750	
sec-Butylbenzene	mg/Kg	U	0.000900	
1,3-Dichlorobenzene	mg/Kg	U	0.000900	
1,4-Dichlorobenzene	mg/Kg	U	0.000900	
4-Isopropyltoluene	mg/Kg	U	0.000900	
1,2-Dichlorobenzene	mg/Kg	U	0.000900	
n-Butylbenzene	mg/Kg	U	0.000900	
1,2-DBCP	mg/Kg	U	0.000900	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000900	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000900	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000900	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD: 290429

290430

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				97	99	60-135	2	30	
Toluene d8 (S)	%				96	97	60-135	1	30	
4-Bromofluorobenzene (S)	%				108	108	60-135	0	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.044	0.047	87	94	60-135	7	30	
Chloromethane	mg/Kg	0.05	0.041	0.045	82	89	60-135	9	30	
Vinyl chloride	mg/Kg	0.05	0.040	0.045	80	91	60-135	12	30	
Bromomethane	mg/Kg	0.05	0.052	0.060	103	120	50-135	14	30	
Chloroethane	mg/Kg	0.05	0.036	0.039	71	78	60-135	8	30	
Trichlorofluoromethane	mg/Kg	0.05	0.046	0.050	93	100	60-135	8	30	
Acetone	mg/Kg	0.05	0.051	0.055	102	110	60-135	8	30	
1,1-Dichloroethene	mg/Kg	0.05	0.045	0.049	90	98	60-135	9	30	
Iodomethane	mg/Kg	0.05	0.048	0.051	96	103	60-135	6	30	
Methylene chloride	mg/Kg	0.05	0.048	0.051	97	102	50-135	6	30	
Carbon disulfide	mg/Kg	0.05	0.044	0.047	88	95	50-135	7	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.052	0.056	104	112	60-135	7	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.049	0.056	97	111	60-135	13	30	
1,1-Dichloroethane	mg/Kg	0.05	0.049	0.054	98	108	60-135	10	30	
Vinyl acetate	mg/Kg	0.05	0.058	0.061	115	122	50-135	5	30	
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.059	0.064	117	128	60-135	8	30	
cis-1,2-Dichloroethene	mg/Kg	0.05	0.051	0.054	101	109	60-135	6	30	
Bromochloromethane	mg/Kg	0.05	0.050	0.055	100	109	60-135	10	30	
Chloroform	mg/Kg	0.05	0.049	0.054	98	107	60-135	10	30	
2,2-Dichloropropane	mg/Kg	0.05	0.053	0.058	106	115	50-135	9	30	
1,2-Dichloroethane	mg/Kg	0.05	0.047	0.053	95	106	60-135	12	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.057	0.062	115	124	60-135	8	30	
1,1-Dichloropropene	mg/Kg	0.05	0.060	0.064	120	128	60-135	6	30	
Carbon tetrachloride	mg/Kg	0.05	0.048	0.051	95	103	60-135	6	30	
Benzene	mg/Kg	0.05	0.056	0.061	113	121	60-135	9	30	
Dibromomethane	mg/Kg	0.05	0.048	0.053	96	106	60-135	10	30	
1,2-Dichloropropane	mg/Kg	0.05	0.051	0.054	102	108	60-135	6	30	
Trichloroethene	mg/Kg	0.05	0.058	0.062	117	125	60-135	7	30	
Bromodichloromethane	mg/Kg	0.05	0.045	0.049	90	97	60-135	9	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.053	0.059	106	118	60-135	11	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.049	0.055	98	111	60-135	12	30	
trans-1,3-Dichloropropene	mg/Kg	0.05	0.053	0.059	106	118	60-135	11	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.048	0.053	97	106	60-135	10	30	
Toluene	mg/Kg	0.05	0.055	0.059	111	118	60-135	7	30	
1,3-Dichloropropane	mg/Kg	0.05	0.054	0.057	108	113	60-135	5	30	
Ethyl methacrylate	mg/Kg	0.05	0.057	0.063	114	127	60-135	10	30	
Dibromochloromethane	mg/Kg	0.05	0.047	0.054	94	108	60-135	14	30	
2-Hexanone	mg/Kg	0.05	0.049	0.060	97	119	60-135	20	30	
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.057	0.061	114	123	60-135	7	30	

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD:		290429	290430								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers	
Tetrachloroethene	mg/Kg	0.05	0.054	0.062	108	123	60-135	14	30		
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.060	0.067	119	134	60-135	11	30		
Chlorobenzene	mg/Kg	0.05	0.060	0.064	119	127	60-135	6	30		
Ethylbenzene	mg/Kg	0.05	0.060	0.064	120	127	60-135	6	30		
m & p-xylene	mg/Kg	0.1	0.117	0.127	117	127	60-135	8	30		
Bromoform	mg/Kg	0.05	0.047	0.055	94	111	60-135	16	30		
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.054	0.059	108	118	60-135	9	30		
Styrene	mg/Kg	0.05	0.055	0.061	110	122	60-135	10	30		
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.055	0.061	110	123	60-135	10	30		
o-Xylene	mg/Kg	0.05	0.056	0.061	112	121	60-135	9	30		
1,2,3-Trichloropropane	mg/Kg	0.05	0.050	0.053	100	106	60-135	6	30		
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.054	0.060	109	120	60-135	11	30		
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.061	0.067	121	133	60-135	9	30		
Bromobenzene	mg/Kg	0.05	0.060	0.066	120	132	60-135	10	30		
n-propylbenzene	mg/Kg	0.05	0.071	0.075	142	149	60-135	5	30	J3a	
2-Chlorotoluene	mg/Kg	0.05	0.065	0.069	129	138	60-135	6	30	J3a	
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.065	0.068	129	136	60-135	5	30	J3a	
4-Chlorotoluene	mg/Kg	0.05	0.065	0.070	130	140	60-135	7	30	J3a	
tert-Butylbenzene	mg/Kg	0.05	0.070	0.075	141	150	60-135	7	30	J3a	
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.070	0.073	139	146	60-135	4	30	J3a	
sec-Butylbenzene	mg/Kg	0.05	0.066	0.070	133	139	60-135	6	30	J3a	
1,3-Dichlorobenzene	mg/Kg	0.05	0.060	0.064	120	127	60-135	6	30		
1,4-Dichlorobenzene	mg/Kg	0.05	0.059	0.062	119	124	60-135	5	30		
4-Isopropyltoluene	mg/Kg	0.05	0.071	0.074	143	147	60-135	4	30	J3a	
1,2-Dichlorobenzene	mg/Kg	0.05	0.057	0.063	114	126	60-135	10	30		
n-Butylbenzene	mg/Kg	0.05	0.073	0.076	147	152	60-135	4	30	J3a	
1,2-DCBP	mg/Kg	0.05	0.046	0.052	92	104	60-135	12	30		
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.063	0.069	126	138	60-135	9	30	J3a	
Naphthalene	mg/Kg	0.05	0.055	0.062	110	123	60-135	12	30		
Hexachlorobutadiene	mg/Kg	0.05	0.087	0.100	174	200	60-135	14	30	J3a	
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.058	0.062	117	125	60-135	7	30		
Xylenes- Total	mg/Kg	0.15	0.173	0.187	115	125	60-135	8	30		

LABORATORY CONTROL SAMPLE & LCSD:		290431	290432								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers	
Volatiles by GC/MS											
Dibromofluoromethane (S)	%				92	94	60-135	1	30		
Toluene d8 (S)	%				96	98	60-135	2	30		
4-Bromofluorobenzene (S)	%				101	104	60-135	3	30		
Acrolein	mg/Kg	0.25	0.289	0.295	116	118	50-135	2	30		
Acrylonitrile	mg/Kg	0.25	0.263	0.268	105	107	50-135	2	30		



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	VXX/11907	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5035					
Associated Lab Samples:	2387483001	2387497001	2387497002	2387497003	2387497005	2387498001
	2387503001	2387503002	2387503003	2387503004	2387503005	2387503006
	2387503007	2387503008	2387503009			

METHOD BLANK: 290496

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	93	60-135	
Toluene d8 (S)	%	99	60-135	
4-Bromofluorobenzene (S)	%	98	60-135	
Methylene chloride	mg/Kg	U	0.010	

LABORATORY CONTROL SAMPLE & LCSD: 290497 290498

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				99	98	60-135	3	30	
Toluene d8 (S)	%				97	96	60-135	3	30	
4-Bromofluorobenzene (S)	%				103	103	60-135	0	30	
Methylene chloride	mg/Kg	0.05	0.049	0.054	99	107	50-135	10	30	

LABORATORY CONTROL SAMPLE & LCSD: 290499 290500

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Dibromofluoromethane (S)	%				94	97	60-135	3	30	
Toluene d8 (S)	%				98	96	60-135	0	30	
4-Bromofluorobenzene (S)	%				99	100	60-135	0	30	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	MXX/15592	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387455001	2387455002	2387455003	2387455004	2387459001	2387461001
	2387461002	2387461003	2387461004	2387461005	2387461006	2387461007
	2387461008	2387461009	2387462001	2387462002	2387462003	2387483001
	2387483002	2387483003				

METHOD BLANK: 290579

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 290580 290581

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.7	9.8	96.8	98.4	80-120	1.03	20	
Arsenic	mg/Kg	10	9.2	9.3	92.2	92.7	80-120	1.08	20	
Mercury	mg/Kg	1.3	1.2	1.2	97.2	97.5	80-120	0	20	
Lead	mg/Kg	10	9.8	9.8	97.6	97.7	80-120	0	20	

MATRIX SPIKE SAMPLE: 290583 Original: 2387483003

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	3.7	20	26	110	75-125	
Arsenic	mg/Kg	0.39	20	21	103	75-125	
Mercury	mg/Kg	0.02	2.5	3	118	75-125	
Lead	mg/Kg	6	20	31	123	75-125	

SAMPLE DUPLICATE: 290582 Original: 2387483003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	3.7	4.9	7.79	20	
Arsenic	mg/Kg	0.39	0.48i	2.6	20	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 290582

Original: 2387483003

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	6	8.0	8	20	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QC Batch:	VXX/11912	Analysis Method:	EPA 8260C (MEOH EXT. S)			
QC Batch Method:	5035 (High)					
Associated Lab Samples:	2387483003	2387503001	2387503003	2387503004	2387503005	2387503006
	2387503007	2387503009				

METHOD BLANK: 290844

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	96	60-135	
Toluene d8 (S)	%	100	60-135	
4-Bromofluorobenzene (S)	%	99	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000370	
Chloromethane	mg/Kg	U	0.000680	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	U	0.010	
Carbon disulfide	mg/Kg	U	0.000720	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000360	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	

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QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

METHOD BLANK: 290844

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,2-Trichloroethane	mg/Kg	U	0.000510	
Toluene	mg/Kg	U	0.000400	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000360	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000330	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000310	
1,1,1,2,2-Tetrachloroethane	mg/Kg	U	0.000480	
o-Xylene	mg/Kg	U	0.000350	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000330	
Bromobenzene	mg/Kg	U	0.000370	
n-propylbenzene	mg/Kg	U	0.000300	
2-Chlorotoluene	mg/Kg	U	0.000370	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000210	
4-Chlorotoluene	mg/Kg	U	0.000320	
tert-Butylbenzene	mg/Kg	U	0.000290	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000270	
sec-Butylbenzene	mg/Kg	U	0.000230	
1,3-Dichlorobenzene	mg/Kg	U	0.000310	
1,4-Dichlorobenzene	mg/Kg	U	0.000340	
4-Isopropyltoluene	mg/Kg	U	0.000240	
1,2-Dichlorobenzene	mg/Kg	U	0.000290	
n-Butylbenzene	mg/Kg	U	0.000260	
1,2-DBCP	mg/Kg	U	0.000210	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000220	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000220	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000140	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD:		290845	290846							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	98	60-135	2	30	
Toluene d8 (S)	%				103	100	60-135	3	30	
4-Bromofluorobenzene (S)	%				98	100	60-135	2	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.046	0.047	92	94	60-135	2	30	
Chloromethane	mg/Kg	0.05	0.050	0.043	100	85	50-135	15	30	
Vinyl chloride	mg/Kg	0.05	0.058	0.046	116	92	60-135	23	30	
Bromomethane	mg/Kg	0.05	0.060	0.043	120	86	50-135	33	30	J3b
Chloroethane	mg/Kg	0.05	0.054	0.052	109	105	60-135	4	30	
Trichlorofluoromethane	mg/Kg	0.05	0.056	0.054	113	108	60-135	4	30	
Acetone	mg/Kg	0.05	0.042	0.084	83	166	50-135	67	30	J3p,J3a
1,1-Dichloroethene	mg/Kg	0.05	0.057	0.057	114	115	60-135	0	30	
Iodomethane	mg/Kg	0.05	0.054	0.042	107	84	60-135	25	30	
Methylene chloride	mg/Kg	0.05	0.054	0.054	108	107	50-135	0	30	
Carbon disulfide	mg/Kg	0.05	0.060	0.058	120	116	50-135	3	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.058	0.057	116	114	60-135	2	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.059	0.063	119	125	60-135	7	30	
1,1-Dichloroethane	mg/Kg	0.05	0.057	0.057	115	114	60-135	0	30	
Vinyl acetate	mg/Kg	0.05	0.092	0.102	185	204	50-135	10	30	J3a
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.047	0.094	94	188	50-135	67	30	J3p,J3a
cis-1,2-Dichloroethene	mg/Kg	0.05	0.057	0.058	115	116	60-135	2	30	
Bromochloromethane	mg/Kg	0.05	0.057	0.052	114	104	60-135	9	30	
Chloroform	mg/Kg	0.05	0.059	0.059	119	118	60-135	0	30	
2,2-Dichloropropane	mg/Kg	0.05	0.064	0.061	128	122	50-135	5	30	
1,2-Dichloroethane	mg/Kg	0.05	0.055	0.056	109	112	60-135	2	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.060	0.059	120	117	60-135	2	30	
1,1-Dichloropropene	mg/Kg	0.05	0.058	0.058	117	116	60-135	0	30	
Carbon tetrachloride	mg/Kg	0.05	0.060	0.058	121	117	60-135	3	30	
Benzene	mg/Kg	0.05	0.058	0.058	116	116	60-135	0	30	
Dibromomethane	mg/Kg	0.05	0.058	0.060	115	120	60-135	3	30	
1,2-Dichloropropane	mg/Kg	0.05	0.057	0.058	115	115	60-135	2	30	
Trichloroethene	mg/Kg	0.05	0.051	0.052	103	104	60-135	2	30	
Bromodichloromethane	mg/Kg	0.05	0.061	0.061	121	122	60-135	0	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.064	0.063	127	127	60-135	2	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.051	0.082	101	163	60-135	47	30	J3p,J3a
trans-1,3-Dichloropropene	mg/Kg	0.05	0.053	0.054	106	108	60-135	2	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.057	0.060	113	121	60-135	5	30	
Toluene	mg/Kg	0.05	0.054	0.056	108	112	60-135	4	30	
1,3-Dichloropropane	mg/Kg	0.05	0.052	0.058	105	116	60-135	11	30	
Ethyl methacrylate	mg/Kg	0.05	0.060	0.075	119	149	60-135	22	30	J3a
Dibromochloromethane	mg/Kg	0.05	0.061	0.064	122	128	60-135	5	30	
2-Hexanone	mg/Kg	0.05	0.049	0.091	97	182	60-135	60	30	J3p,J3a
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.055	0.064	111	128	60-135	15	30	



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD:		290845	290846								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers	
Tetrachloroethene	mg/Kg	0.05	0.042	0.049	84	98	60-135	15	30		
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.057	0.059	115	118	60-135	3	30		
Chlorobenzene	mg/Kg	0.05	0.055	0.057	110	114	60-135	4	30		
Ethylbenzene	mg/Kg	0.05	0.057	0.059	114	119	60-135	3	30		
m & p-xylene	mg/Kg	0.1	0.117	0.117	117	117	60-135	0	30		
Bromoform	mg/Kg	0.05	0.052	0.062	104	124	60-135	18	30		
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.056	0.080	112	160	60-135	35	30	J3p,J3a	
Styrene	mg/Kg	0.05	0.059	0.060	117	120	60-135	2	30		
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.059	0.078	118	156	60-135	28	30	J3a	
o-Xylene	mg/Kg	0.05	0.057	0.059	114	117	60-135	3	30		
1,2,3-Trichloropropane	mg/Kg	0.05	0.052	0.074	103	148	60-135	35	30	J3p,J3a	
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.051	0.055	102	109	60-135	8	30		
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.053	0.054	105	108	60-135	2	30		
Bromobenzene	mg/Kg	0.05	0.054	0.055	108	110	60-135	2	30		
n-propylbenzene	mg/Kg	0.05	0.056	0.057	112	113	60-135	2	30		
2-Chlorotoluene	mg/Kg	0.05	0.055	0.056	109	112	60-135	2	30		
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.056	0.058	113	115	60-135	4	30		
4-Chlorotoluene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30		
tert-Butylbenzene	mg/Kg	0.05	0.055	0.057	111	113	60-135	4	30		
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.055	0.057	110	113	60-135	4	30		
sec-Butylbenzene	mg/Kg	0.05	0.056	0.058	112	115	60-135	4	30		
1,3-Dichlorobenzene	mg/Kg	0.05	0.053	0.055	106	110	60-135	4	30		
1,4-Dichlorobenzene	mg/Kg	0.05	0.053	0.055	107	109	60-135	4	30		
4-Isopropyltoluene	mg/Kg	0.05	0.057	0.058	114	116	60-135	2	30		
1,2-Dichlorobenzene	mg/Kg	0.05	0.054	0.057	108	113	60-135	5	30		
n-Butylbenzene	mg/Kg	0.05	0.059	0.060	117	119	60-135	2	30		
1,2-DBCP	mg/Kg	0.05	0.053	0.090	107	179	60-135	52	30	J3a,J3p	
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.051	0.054	102	107	60-135	6	30		
Naphthalene	mg/Kg	0.05	0.049	0.067	98	135	60-135	31	30	J3b	
Hexachlorobutadiene	mg/Kg	0.05	0.055	0.058	111	116	60-135	5	30		
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.055	0.060	110	120	60-135	9	30		
Xylenes- Total	mg/Kg	0.15	0.174	0.176	116	117		1			

LABORATORY CONTROL SAMPLE & LCSD:		290847	290848								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers	
Volatiles by GC/MS											
Dibromofluoromethane (S)	%				99	99	60-135	0.3	30		
Toluene d8 (S)	%				101	101	60-135	0.5	30		
4-Bromofluorobenzene (S)	%				99	99	60-135	0.3	30		
Acrolein	mg/Kg	0.25	0.266	0.269	106	107	50-135	1	30		
Acrylonitrile	mg/Kg	0.25	0.255	0.260	102	104	50-135	2	30		



QUALITY CONTROL DATA

Workorder: 2387483

Project ID: SFRPC Triangle Properties

CERTIFICATE OF ANALYSIS

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387483

Project ID: SFRPC Triangle Properties

QUALITY CONTROL PARAMETER QUALIFIERS

- J3a LCS value exceeded accuracy control limits which could bias high sample results; however, sample data is non detect and was not impacted.
- J3b LCS value failed to meet the established quality control for precision, however the recovery for both the LCS and LCSD was within acceptable criteria.
- J3p LCSD value exceeded precision control limits which could bias sample results; however, sample data is non detect and was not impacted.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387483

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387483001	SB-6 (0-0.5)	EPA 3545	XXX/17747	EPA 8310 List by 8270E SIM (S)	XMS/8956
2387483002	SB-6 (0.5-2)	EPA 3545	XXX/17747	EPA 8310 List by 8270E SIM (S)	XMS/8956
2387483003	SB-6 (2-4)	EPA 3545	XXX/17747	EPA 8310 List by 8270E SIM (S)	XMS/8956
2387483001	SB-6 (0-0.5)	EPA 3545	XXX/17748	FL-PRO (GC)	XGCP/6175
2387483002	SB-6 (0.5-2)	EPA 3545	XXX/17748	FL-PRO (GC)	XGCP/6175
2387483003	SB-6 (2-4)	EPA 3545	XXX/17748	FL-PRO (GC)	XGCP/6176
2387483001	SB-6 (0-0.5)	EPA 5035	VXX/11905	EPA 8260C	VMS/11729
2387483002	SB-6 (0.5-2)	EPA 5035	VXX/11905	EPA 8260C	VMS/11729
2387483001	SB-6 (0-0.5)	EPA 5035	VXX/11907	EPA 8260C	VMS/11731
2387483001	SB-6 (0-0.5)	EPA 3050B (mod)	MXX/15592	EPA 6020	MMS/13854
2387483002	SB-6 (0.5-2)	EPA 3050B (mod)	MXX/15592	EPA 6020	MMS/13854
2387483003	SB-6 (2-4)	EPA 3050B (mod)	MXX/15592	EPA 6020	MMS/13854
2387483001	SB-6 (0-0.5)	SM 2540G	WGR/5999		
2387483002	SB-6 (0.5-2)	SM 2540G	WGR/5999		
2387483003	SB-6 (2-4)	SM 2540G	WGR/5999		
2387483003	SB-6 (2-4)	5035 (High)	VXX/11912	EPA 8260C (MEOH EXT. S)	VMS/11736





September 22, 2023

Kacia Baldwin
Jupiter Environmental Laboratories
150 S. Old Dixie Highway
Jupiter, FL 33458

RE: Project: 2387483
Pace Project No.: 35827982

Dear Kacia Baldwin:

Enclosed are the analytical results for sample(s) received by the laboratory on September 15, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Ormond Beach

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

Sincerely,

Cameron Meynardie
cameron.meynardie@pacelabs.com
813-855-1844
Project Manager

Enclosures

cc: Nicole Laing, Jupiter Laboratories
Client Services, Jupiter Environmental Laboratories



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2387483

Pace Project No.: 35827982

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

DoD-ANAB #: ADE-3199

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maine Certification #: FL01264

Maryland Certification: #346

Massachusetts Certification #: M-FL1264

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2387483
Pace Project No.: 35827982

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35827982001	SB-6 (0-0.5)	Solid	09/07/23 14:20	09/15/23 14:38

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2387483
Pace Project No.: 35827982

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35827982001	SB-6 (0-0.5)	TPH in Soil	PKC	14	PASI-O
		ASTM D2974-87	SB	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2387483

Pace Project No.: 35827982

Sample: SB-6 (0-0.5) **Lab ID: 35827982001** Collected: 09/07/23 14:20 Received: 09/15/23 14:38 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TPHCWGS Total Pet Hydrocarbons									
Analytical Method: TPH in Soil Preparation Method: TPH in Soil									
Pace Analytical Services - Ormond Beach									
TPH Total (C05-C35)	431	mg/kg	111	65.1	1	09/18/23 22:48	09/19/23 21:10		
Aliphatic (>C05-C06)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aliphatic (>C06-C08)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aliphatic (>C08-C10)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aliphatic (>C10-C12)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aliphatic (>C12-C16)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aliphatic (>C16-C35)	262	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C05-C07)	27.8 U	mg/kg	111	27.8	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C07-C08)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C08-C10)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C10-C12)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C12-C16)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C16-C21)	50.1 U	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Aromatic (>C21-C35)	135	mg/kg	111	50.1	1	09/18/23 22:48	09/19/23 21:10		
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	10.9	%	0.10	0.10	1		09/21/23 08:46		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2387483
Pace Project No.: 35827982

QC Batch: 950741 Analysis Method: TPH in Soil
QC Batch Method: TPH in Soil Analysis Description: TPHCWGSL Soil
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35827982001

METHOD BLANK: 5226886 Matrix: Solid
Associated Lab Samples: 35827982001

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Rows include Aliphatic (>C05-C06) through TPH Total (C05-C35).

METHOD BLANK: 5226890 Matrix: Solid
Associated Lab Samples: 35827982001

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Rows include Aliphatic (>C05-C06) through TPH Total (C05-C35).

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2387483
 Pace Project No.: 35827982

LABORATORY CONTROL SAMPLE: 5226887

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH Total (C05-C35)	mg/kg	2470	1650	67	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5226888 5226889

Parameter	Units	35827982001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
TPH Total (C05-C35)	mg/kg	431	2770	2780	2980	2360	92	69	60-140	23	30	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2387483
Pace Project No.: 35827982

QC Batch: 951613	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
	Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35827982001

SAMPLE DUPLICATE: 5232086

Parameter	Units	35826148001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.9	8.9	0	10	

SAMPLE DUPLICATE: 5232087

Parameter	Units	35828060001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.7	28.2	2	10	

SAMPLE DUPLICATE: 5232088

Parameter	Units	35828062002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.4	1.9	26	10	J(D6)

SAMPLE DUPLICATE: 5232089

Parameter	Units	35828101006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	14.6	6	10	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2387483

Pace Project No.: 35827982

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2387483
Pace Project No.: 35827982

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35827982001	SB-6 (0-0.5)	TPH in Soil	950741	TPH in Soil	950862
35827982001	SB-6 (0-0.5)	ASTM D2974-87	951613		

REPORT OF LABORATORY ANALYSIS

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LABORATORY CLIENT: Jupiter Environmental Labs ADDRESS: 150 S. Old Dixie Hwy CITY: Jupiter, Fl, 33458 TEL: 561-575-0030				CLIENT PROJECT NAME/NUMBER: 2387483 PROJECT CONTACT: clientservices@jupiterlabs.com SAMPLER(S): (SIGNATURE)				<h1 style="margin: 0;">WO# : 35827982</h1>  <p style="margin: 0;">35827982</p>											
TURNAROUND TIME <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48HR <input type="checkbox"/> 3 DAYS <input checked="" type="checkbox"/> STD				REQUESTED ANALYSIS															
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> ADaPT REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ___/___/___				Please list tests required TRPH Speciation															
SPECIAL INSTRUCTIONS <div style="text-align: center; font-size: 2em; font-family: cursive;"> 2.0g PCE 1/5 </div>																			
LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING		Matrix	#Cont	Please list tests required	TRPH Speciation											
	SB-6 (0-0.5)		DATE	TIME				X											
Relinquished by: (Signature)				Received by: (Signature)				Date: 9/15/23	Time: 1207										
Relinquished by: (Signature)				Received by: (Signature)				Date: 9/15/23	Time: 1438										
Relinquished by: (Signature)				Received by: (Signature)				Date:	Time:										

Pace
 GJ

Sample Condition Upon Receipt Form (SCUR)

Project #
 Project Manager:
 Client:

WO#: **35827982**
 PM: CEM Due Date: **09/25/23**
 CLIENT: 37-JUPENV

Date and Initials of person:
 Examining contents:
 Label:
 Deliver:
 pH:
 Initials: GJ

Thermometer Used: T-398 Date: 09/15/2023 Time: 1438

State of Origin: For WV projects, all containers verified to ≤ 6 °C
 Cooler #1 Temp. °C 2.4 (Visual) +0.1 (Correction Factor) 2.5 (Actual) Samples on ice, cooling process has begun.
 Cooler #2 Temp. °C (Visual) (Correction Factor) (Actual) Samples on ice, cooling process has begun.
 Cooler #3 Temp. °C (Visual) (Correction Factor) (Actual) Samples on ice, cooling process has begun.
 Cooler #4 Temp. °C (Visual) (Correction Factor) (Actual) Samples on ice, cooling process has begun.
 Cooler #5 Temp. °C (Visual) (Correction Factor) (Actual) Samples on ice, cooling process has begun.
 Cooler #6 Temp. °C (Visual) (Correction Factor) (Actual) Samples on ice, cooling process has begun.
 Recheck for OOT °C (Visual) (Correction Factor) (Actual) Time: Initials:

Courier: Fed Ex UPS USPS Client Commercial Pace Other:

Shipping Method: Standard Overnight First Overnight Priority Overnight Ground International Priority Other:

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking #
 Custody Seal Present: Yes No Seal properly placed and intact: Yes No Ice: Wet Blue Dry None Melted

Packing Material: Bubble Wrap Bubble Bags None Other:

Samples shorted to lab: Yes No (If yes, complete the following)
 Shorted Date: 9-15-23 Shorted Time: 1438
 Bottle Quantity / Type:

Chain of Custody:	Present: <input type="checkbox"/> Yes <input type="checkbox"/> No Filled Out: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Relinquished From Pace: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampler Name: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
	Relinquished To Pace: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampling Date(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sampling Time(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:
Rush Turnaround Requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Comments:
Sufficient Volume	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:
Sample Labels Match COC (Sample ID, Date/Time of Collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:
All containers needing acid / base preservation have been checked	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Preservation Information Preservative: <u> </u> Date: <u> </u> Lot / Trace: <u> </u> Time: <u> </u> Amount added (mL): <u> </u> Initials: <u> </u>
All containers needing preservation are found to be in compliance with EPA recommendation: <small>Exceptions: Vials, Microbiology, O&G, PFAS</small>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in Volatile Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Comments / Resolutions (use back for additional comments):

ADD-ONS
ID: 1670
Revision: 3

Issued: 06/21/23
Issued by: Kim Anderson

ADD – ONS

Client Company: Stantec

Client Contact: Kevin

Log #: 2387483

Date Requested: 9/15/23

Due Date: 9/22/23

Order Taken By: NCL

Note: Email the Appropriate Department – Attach One Copy to Chain

Lab ID	Sample ID	Analysis Requested
-001	SB-6 (0-0.5)	TRPH Speciation

Comments:

Sample Receiving

From: Yue, Kevin <Kevin.Yue@stantec.com> on behalf of Yue, Kevin
Sent: Friday, September 8, 2023 8:31 AM
To: Sample Receiving
Cc: Client Services; Urgiles, Victor; Jones, Alexander (Clearwater); Gonzalez, Enrico
Subject: Re: Metal analysis

Going by the SS QAPP - arsenic, lead, mercury, and chromium.

Kevin Yue PE, CEP
Senior Environmental Engineer

Direct: 239 263-6421
Mobile: 239-409-1323
Kevin.Yue@stantec.com

Stantec
3510 Kraft Road Suite 200
Naples FL 34105-5029



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Please consider the environment before printing this email.

From: Sample Receiving <samlereceiving@jupiterlabs.com>
Sent: Friday, September 8, 2023 8:05:20 AM
To: Yue, Kevin <Kevin.Yue@stantec.com>
Cc: Client Services <clientservices@jupiterlabs.com>
Subject: Metal analysis

Good morning,

Please specify which metals analysis you would like for your project 'SFRPC Triangle Properties'. I have attached the COC for reference.

Best Regards,
Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)
NELAP . DoD ELAP . ISO 17025 . WMBE

We Care about your opinion, please take our survey to provide important feedback at <https://www.surveymonkey.com/r/TDSL3XP>



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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2387483	Profile:	4527
Client:	Stantec	Project:	K. Yve
Level:	1	Date Rec'd:	9/7/2023 7:00:00 PM
Rec'd via:	courier		

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	1.6	3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	No	Written on Internal COC?	No
pH Strip Lot #		Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #		Samples Rec'd W/I Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	N/A
Number of Encores	0	Number of Lab Filtered Metals	0

Samples Labeled by KS 9/8/2023 Labels Confirmed by AOJ 9/8/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
-----------	-----	----------	----------

September 18, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387504
Project ID: SFRPC Triangle Properties

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, September 08, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

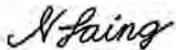
Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Nicole Laing for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Method	Analytes Reported
2387504001	SB-2N (0-0.5)	EPA 6020	1
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504002	SB-2S (0-0.5)	EPA 6020	1
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504003	SB-2E (0-0.5)	EPA 6020	1
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504004	SB-2W (0-0.5)	EPA 6020	1
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504005	SB-4N (0-0.5)	EPA 6020	5
		SM 2540G	1
2387504006	SB-4S (0-0.5)	EPA 6020	5
		SM 2540G	1
2387504007	SB-4E (0-0.5)	EPA 6020	5
		SM 2540G	1
2387504008	SB-4W (0-0.5)	EPA 6020	5
		SM 2540G	1
2387504009	SB-5N (0-0.5)	EPA 6020	1
		SM 2540G	1
2387504010	SB-5S (0-0.5)	EPA 6020	1
		SM 2540G	1
2387504011	SB-5E (0-0.5)	EPA 6020	1
		SM 2540G	1
2387504012	SB-5W (0-0.5)	EPA 6020	1
		SM 2540G	1
2387504013	SB-3N (0-0.5)	EPA 6020	4
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504014	SB-3N (0.5-2)	EPA 6020	1
		SM 2540G	1
2387504015	SB-3N (2-4)	EPA 6020	1



SAMPLE ANALYTE COUNT

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Method	Analytes Reported
2387504015	SB-3N (2-4)	SM 2540G	1
2387504016	SB-3S (0-0.5)	EPA 6020	4
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504017	SB-3S (0.5-2)	EPA 6020	1
		SM 2540G	1
2387504018	SB-3S (2-4)	EPA 6020	1
		SM 2540G	1
2387504019	SB-3E (0-0.5)	EPA 6020	4
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504020	SB-3E (0.5-2)	EPA 6020	1
		SM 2540G	1
2387504021	SB-3E (2-4)	EPA 6020	1
		SM 2540G	1
2387504022	SB-3W (0-0.5)	EPA 6020	4
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387504023	SB-3W (0.5-2)	EPA 6020	1
		SM 2540G	1
2387504024	SB-3W (2-4)	EPA 6020	1
		SM 2540G	1
2387504025	Dup-SB-01	EPA 6020	1
		SM 2540G	1
2387504026	Dup-SB-02	EPA 6020	1
		SM 2540G	1



SAMPLE SUMMARY

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387504001	SB-2N (0-0.5)	Soil/Solid	9/7/2023 15:45	9/8/2023 19:20
2387504002	SB-2S (0-0.5)	Soil/Solid	9/7/2023 15:48	9/8/2023 19:20
2387504003	SB-2E (0-0.5)	Soil/Solid	9/7/2023 15:50	9/8/2023 19:20
2387504004	SB-2W (0-0.5)	Soil/Solid	9/7/2023 15:52	9/8/2023 19:20
2387504005	SB-4N (0-0.5)	Soil/Solid	9/7/2023 15:35	9/8/2023 19:20
2387504006	SB-4S (0-0.5)	Soil/Solid	9/7/2023 15:38	9/8/2023 19:20
2387504007	SB-4E (0-0.5)	Soil/Solid	9/7/2023 15:40	9/8/2023 19:20
2387504008	SB-4W (0-0.5)	Soil/Solid	9/7/2023 15:42	9/8/2023 19:20
2387504009	SB-5N (0-0.5)	Soil/Solid	9/7/2023 15:20	9/8/2023 19:20
2387504010	SB-5S (0-0.5)	Soil/Solid	9/7/2023 15:23	9/8/2023 19:20
2387504011	SB-5E (0-0.5)	Soil/Solid	9/7/2023 15:28	9/8/2023 19:20
2387504012	SB-5W (0-0.5)	Soil/Solid	9/7/2023 15:25	9/8/2023 19:20
2387504013	SB-3N (0-0.5)	Soil/Solid	9/8/2023 13:15	9/8/2023 19:20
2387504014	SB-3N (0.5-2)	Soil/Solid	9/8/2023 13:20	9/8/2023 19:20
2387504015	SB-3N (2-4)	Soil/Solid	9/8/2023 13:25	9/8/2023 19:20
2387504016	SB-3S (0-0.5)	Soil/Solid	9/8/2023 13:35	9/8/2023 19:20
2387504017	SB-3S (0.5-2)	Soil/Solid	9/8/2023 13:40	9/8/2023 19:20
2387504018	SB-3S (2-4)	Soil/Solid	9/8/2023 13:45	9/8/2023 19:20
2387504019	SB-3E (0-0.5)	Soil/Solid	9/8/2023 13:55	9/8/2023 19:20
2387504020	SB-3E (0.5-2)	Soil/Solid	9/8/2023 14:00	9/8/2023 19:20
2387504021	SB-3E (2-4)	Soil/Solid	9/8/2023 14:05	9/8/2023 19:20
2387504022	SB-3W (0-0.5)	Soil/Solid	9/8/2023 12:55	9/8/2023 19:20
2387504023	SB-3W (0.5-2)	Soil/Solid	9/8/2023 13:00	9/8/2023 19:20
2387504024	SB-3W (2-4)	Soil/Solid	9/8/2023 13:05	9/8/2023 19:20
2387504025	Dup-SB-01	Soil/Solid	9/8/2023 12:00	9/8/2023 19:20
2387504026	Dup-SB-02	Soil/Solid	9/8/2023 15:52	9/8/2023 19:20



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504001** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-2N (0-0.5)** Date Collected: 9/7/2023 15:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.807	0.202	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
2-Methylnaphthalene	U	mg/Kg	0.807	0.202	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Acenaphthene	0.164i	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Acenaphthylene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Anthracene	0.418	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Benzo(a)anthracene	1.03	mg/Kg	0.242	0.061	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Benzo(a)pyrene	0.687	mg/Kg	0.242	0.037	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Benzo(b)fluoranthene	1.33	mg/Kg	0.242	0.052	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Benzo(g,h,i)perylene	0.602	mg/Kg	0.242	0.061	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Benzo(k)fluoranthene	0.642	mg/Kg	0.242	0.061	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Chrysene	0.912	mg/Kg	0.242	0.061	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Dibenzo(a,h)anthracene	0.213i	mg/Kg	0.242	0.020	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Fluoranthene	2.26	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Fluorene	0.107i	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Indeno(1,2,3-cd)pyrene	0.764	mg/Kg	0.242	0.061	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Naphthalene	U	mg/Kg	0.807	0.202	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Phenanthrene	1.44	mg/Kg	0.404	0.202	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Pyrene	1.83	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
Nitrobenzene-d5 (S)	85	%	20-150		1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
2-Fluorobiphenyl (S)	88	%	30-150		1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM
p-Terphenyl-d14 (S)	90	%	15-150		1	9/12/2023 11:27	SMC	9/13/2023 18:02	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	81.1	%	0.1		1			9/14/2023 10:53	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Arsenic	4.5	mg/Kg	0.62	0.10	2	9/15/2023 15:35	ECW	9/15/2023 16:25	DB
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ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504002** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-2S (0-0.5)** Date Collected: 9/7/2023 15:48

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.778	0.194	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
2-Methylnaphthalene	U	mg/Kg	0.778	0.194	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Acenaphthene	U	mg/Kg	0.389	0.097	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Acenaphthylene	U	mg/Kg	0.389	0.097	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Anthracene	0.126i	mg/Kg	0.389	0.097	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Benzo(a)anthracene	0.485	mg/Kg	0.233	0.058	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Benzo(a)pyrene	0.457	mg/Kg	0.233	0.036	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Benzo(b)fluoranthene	0.844	mg/Kg	0.233	0.051	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Benzo(g,h,i)perylene	0.400	mg/Kg	0.233	0.058	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Benzo(k)fluoranthene	0.381	mg/Kg	0.233	0.058	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Chrysene	0.581	mg/Kg	0.233	0.058	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Dibenzo(a,h)anthracene	0.098i	mg/Kg	0.233	0.019	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Fluoranthene	1.03	mg/Kg	0.389	0.097	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Fluorene	U	mg/Kg	0.389	0.097	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Indeno(1,2,3-cd)pyrene	0.506	mg/Kg	0.233	0.058	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Naphthalene	U	mg/Kg	0.778	0.194	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Phenanthrene	0.407	mg/Kg	0.389	0.194	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Pyrene	0.918	mg/Kg	0.389	0.097	1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
Nitrobenzene-d5 (S)	91	%	20-150		1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
2-Fluorobiphenyl (S)	90	%	30-150		1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM
p-Terphenyl-d14 (S)	93	%	15-150		1	9/12/2023 11:27	SMC	9/13/2023 18:25	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	80.3	%	0.1	1	9/14/2023 10:55	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Arsenic	6.9	mg/Kg	0.62	0.10	2	9/15/2023 15:35	ECW	9/15/2023 16:29	DB
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ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504003** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-2E (0-0.5)** Date Collected: 9/7/2023 15:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.690	0.172	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
2-Methylnaphthalene	U	mg/Kg	0.690	0.172	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Acenaphthene	U	mg/Kg	0.345	0.086	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Acenaphthylene	U	mg/Kg	0.345	0.086	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Anthracene	U	mg/Kg	0.345	0.086	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Benzo(a)anthracene	0.214	mg/Kg	0.207	0.052	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Benzo(a)pyrene	0.210	mg/Kg	0.207	0.032	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Benzo(b)fluoranthene	0.432	mg/Kg	0.207	0.045	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Benzo(g,h,i)perylene	0.207	mg/Kg	0.207	0.052	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Benzo(k)fluoranthene	0.213	mg/Kg	0.207	0.052	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Chrysene	0.279	mg/Kg	0.207	0.052	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Dibenzo(a,h)anthracene	0.029i	mg/Kg	0.207	0.017	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Fluoranthene	0.424	mg/Kg	0.345	0.086	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Fluorene	U	mg/Kg	0.345	0.086	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Indeno(1,2,3-cd)pyrene	0.271	mg/Kg	0.207	0.052	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Naphthalene	U	mg/Kg	0.690	0.172	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Phenanthrene	U	mg/Kg	0.345	0.172	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Pyrene	0.400	mg/Kg	0.345	0.086	1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
Nitrobenzene-d5 (S)	93	%	20-150		1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
2-Fluorobiphenyl (S)	89	%	30-150		1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM
p-Terphenyl-d14 (S)	96	%	15-150		1	9/12/2023 11:27	SMC	9/13/2023 18:48	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	94.1	%	0.1	1	9/14/2023 10:56	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Arsenic	3.9	mg/Kg	0.53	0.087	2	9/15/2023 15:35	ECW	9/15/2023 16:34	DB
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ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504004** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-2W (0-0.5)** Date Collected: 9/7/2023 15:52

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.812	0.203	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
2-Methylnaphthalene	U	mg/Kg	0.812	0.203	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Acenaphthene	0.107i	mg/Kg	0.406	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Acenaphthylene	U	mg/Kg	0.406	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Anthracene	0.229i	mg/Kg	0.406	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Benzo(a)anthracene	0.786	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Benzo(a)pyrene	0.568	mg/Kg	0.243	0.037	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Benzo(b)fluoranthene	1.03	mg/Kg	0.243	0.053	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Benzo(g,h,i)perylene	0.449	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Benzo(k)fluoranthene	0.536	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Chrysene	0.664	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Dibenzo(a,h)anthracene	0.127i	mg/Kg	0.243	0.020	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Fluoranthene	1.68	mg/Kg	0.406	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Fluorene	U	mg/Kg	0.406	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Indeno(1,2,3-cd)pyrene	0.616	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Naphthalene	U	mg/Kg	0.812	0.203	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Phenanthrene	0.942	mg/Kg	0.406	0.203	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Pyrene	1.34	mg/Kg	0.406	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
Nitrobenzene-d5 (S)	92	%	20-150		1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
2-Fluorobiphenyl (S)	91	%	30-150		1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM
p-Terphenyl-d14 (S)	92	%	15-150		1	9/12/2023 11:27	SMC	9/13/2023 19:11	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	81.1	%	0.1	1	9/14/2023 10:59	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Arsenic	7.1	mg/Kg	0.62	0.10	2	9/15/2023 15:35	ECW	9/15/2023 16:39	DB
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ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504005** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-4N (0-0.5)** Date Collected: 9/7/2023 15:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	73.2	%	0.1		1		9/14/2023 11:03	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	29	mg/Kg	1.5	0.30	2	9/15/2023 15:35	ECW 9/15/2023 16:43	DB	
Arsenic	6.5	mg/Kg	0.68	0.11	2	9/15/2023 15:35	ECW 9/15/2023 16:43	DB	
Barium	120	mg/Kg	1.5	0.30	2	9/15/2023 15:35	ECW 9/15/2023 16:43	DB	
Mercury	0.17i	mg/Kg	0.83	0.17	2	9/15/2023 15:35	ECW 9/15/2023 16:43	DB	
Lead	440	mg/Kg	0.68	0.11	2	9/15/2023 15:35	ECW 9/15/2023 16:43	DB	L1



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504006** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-4S (0-0.5)** Date Collected: 9/7/2023 15:38

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	76.7	%	0.1		1		9/14/2023 11:02	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	75	mg/Kg	1.4	0.28	2	9/15/2023 15:35	ECW 9/15/2023 16:48	DB	
Arsenic	21	mg/Kg	0.65	0.11	2	9/15/2023 15:35	ECW 9/15/2023 16:48	DB	
Barium	460	mg/Kg	1.4	0.29	2	9/15/2023 15:35	ECW 9/15/2023 16:48	DB	L1
Mercury	4.7	mg/Kg	0.80	0.16	2	9/15/2023 15:35	ECW 9/15/2023 16:48	DB	
Lead	2000	mg/Kg	0.65	0.10	2	9/15/2023 15:35	ECW 9/15/2023 16:48	DB	L2



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504007** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-4E (0-0.5)** Date Collected: 9/7/2023 15:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	77.9	%	0.1		1		9/14/2023 11:05	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	34	mg/Kg	1.4	0.28	2	9/15/2023 15:35	ECW 9/15/2023 16:52	DB	
Arsenic	4.9	mg/Kg	0.64	0.11	2	9/15/2023 15:35	ECW 9/15/2023 16:52	DB	
Barium	250	mg/Kg	1.4	0.28	2	9/15/2023 15:35	ECW 9/15/2023 16:52	DB	L1
Mercury	1.3	mg/Kg	0.78	0.16	2	9/15/2023 15:35	ECW 9/15/2023 16:52	DB	
Lead	700	mg/Kg	0.64	0.10	2	9/15/2023 15:35	ECW 9/15/2023 16:52	DB	L2



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504008** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-4W (0-0.5)** Date Collected: 9/7/2023 15:42

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	81.8	%	0.1		1		9/14/2023 11:07	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	91	mg/Kg	1.3	0.27	2	9/15/2023 15:35	ECW 9/15/2023 16:57	DB	
Arsenic	15	mg/Kg	0.61	0.10	2	9/15/2023 15:35	ECW 9/15/2023 16:57	DB	
Barium	340	mg/Kg	1.3	0.27	2	9/15/2023 15:35	ECW 9/15/2023 16:57	DB	L1
Mercury	2.5	mg/Kg	0.75	0.15	2	9/15/2023 15:35	ECW 9/15/2023 16:57	DB	
Lead	1700	mg/Kg	0.61	0.095	2	9/15/2023 15:35	ECW 9/15/2023 16:57	DB	L2



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504009** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-5N (0-0.5)** Date Collected: 9/7/2023 15:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	73.2	%	0.1		1		9/14/2023 11:10	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	36	mg/Kg	0.68	0.11	2	9/15/2023 15:35	ECW 9/15/2023 17:02	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504010** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-5S (0-0.5)** Date Collected: 9/7/2023 15:23

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.3	%	0.1		1		9/14/2023 11:16	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	17	mg/Kg	0.65	0.11	2	9/15/2023 15:35	ECW 9/15/2023 17:06	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504011** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-5E (0-0.5)** Date Collected: 9/7/2023 15:28

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	69.1	%	0.1		1		9/14/2023 11:17	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	11	mg/Kg	0.72	0.12	2	9/15/2023 15:35	ECW 9/15/2023 17:33	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504012** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-5W (0-0.5)** Date Collected: 9/7/2023 15:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	57.7	%	0.1		1		9/14/2023 11:19	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	19	mg/Kg	0.87	0.14	2	9/15/2023 15:35	ECW 9/15/2023 17:38	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504013** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3N (0-0.5)** Date Collected: 9/8/2023 13:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.779	0.195	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
2-Methylnaphthalene	U	mg/Kg	0.779	0.195	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Acenaphthene	U	mg/Kg	0.390	0.097	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Acenaphthylene	U	mg/Kg	0.390	0.097	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Anthracene	U	mg/Kg	0.390	0.097	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Benzo(a)anthracene	0.083i	mg/Kg	0.234	0.058	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Benzo(a)pyrene	0.054i	mg/Kg	0.234	0.036	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Benzo(b)fluoranthene	0.099i	mg/Kg	0.234	0.051	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Benzo(g,h,i)perylene	0.059i	mg/Kg	0.234	0.058	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.234	0.058	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Chrysene	0.061i	mg/Kg	0.234	0.058	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Dibenzo(a,h)anthracene	U	mg/Kg	0.234	0.019	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Fluoranthene	0.112i	mg/Kg	0.390	0.097	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Fluorene	U	mg/Kg	0.390	0.097	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Indeno(1,2,3-cd)pyrene	0.067i	mg/Kg	0.234	0.058	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Naphthalene	U	mg/Kg	0.779	0.195	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Phenanthrene	U	mg/Kg	0.390	0.195	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Pyrene	0.098i	mg/Kg	0.390	0.097	1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
Nitrobenzene-d5 (S)	90	%	20-150		1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
2-Fluorobiphenyl (S)	82	%	30-150		1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM
p-Terphenyl-d14 (S)	86	%	15-150		1	9/12/2023 11:27	SMC	9/13/2023 19:34	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	82.9	%	0.1		1	9/14/2023 11:24	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	41	mg/Kg	1.3	0.26	2	9/15/2023 15:35	ECW	9/15/2023 17:43	DB
Arsenic	7.9	mg/Kg	0.60	0.099	2	9/15/2023 15:35	ECW	9/15/2023 17:43	DB
Barium	72	mg/Kg	1.3	0.27	2	9/15/2023 15:35	ECW	9/15/2023 17:43	DB
Lead	150	mg/Kg	0.60	0.094	2	9/15/2023 15:35	ECW	9/15/2023 17:43	DB L1



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504014** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3N (0.5-2)** Date Collected: 9/8/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	84.0	%	0.1		1		9/14/2023 11:23	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	5.2	mg/Kg	0.60	0.098	2	9/15/2023 15:35	ECW 9/15/2023 17:47	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504015** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3N (2-4)** Date Collected: 9/8/2023 13:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	80.5	%	0.1		1		9/14/2023 11:29	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	1.5	mg/Kg	0.62	0.10	2	9/15/2023 15:35	ECW 9/15/2023 17:52	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504016** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3S (0-0.5)** Date Collected: 9/8/2023 13:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.808	0.202	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
2-Methylnaphthalene	U	mg/Kg	0.808	0.202	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Acenaphthene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Acenaphthylene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Anthracene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Benzo(a)anthracene	U	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Benzo(a)pyrene	0.059i	mg/Kg	0.243	0.037	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Benzo(b)fluoranthene	0.099i	mg/Kg	0.243	0.053	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Benzo(g,h,i)perylene	0.081i	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Chrysene	U	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Dibenzo(a,h)anthracene	U	mg/Kg	0.243	0.020	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Fluoranthene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Fluorene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Indeno(1,2,3-cd)pyrene	0.089i	mg/Kg	0.243	0.061	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Naphthalene	U	mg/Kg	0.808	0.202	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Phenanthrene	U	mg/Kg	0.404	0.202	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Pyrene	U	mg/Kg	0.404	0.101	1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
Nitrobenzene-d5 (S)	78	%	20-150		1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
2-Fluorobiphenyl (S)	65	%	30-150		1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM
p-Terphenyl-d14 (S)	72	%	15-150		1	9/12/2023 11:27	SMC	9/13/2023 19:57	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	80.7	%	0.1	1	9/14/2023 11:33	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	89	mg/Kg	1.4	0.27	2	9/15/2023 15:35	ECW	9/15/2023 17:56	DB
Arsenic	19	mg/Kg	0.62	0.10	2	9/15/2023 15:35	ECW	9/15/2023 17:56	DB
Barium	290	mg/Kg	1.4	0.27	2	9/15/2023 15:35	ECW	9/15/2023 17:56	DB L1
Lead	1200	mg/Kg	0.62	0.097	2	9/15/2023 15:35	ECW	9/15/2023 17:56	DB L2



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504017** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3S (0.5-2)** Date Collected: 9/8/2023 13:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	82.6	%	0.1		1		9/14/2023 11:32	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	1.8	mg/Kg	0.61	0.099	2	9/15/2023 15:35	ECW 9/15/2023 18:01	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504019** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
 Sample ID: **SB-3E (0-0.5)** Date Collected: 9/8/2023 13:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene		U mg/Kg	0.769	0.192	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
2-Methylnaphthalene		U mg/Kg	0.769	0.192	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Acenaphthene		U mg/Kg	0.385	0.096	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Acenaphthylene		U mg/Kg	0.385	0.096	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Anthracene		U mg/Kg	0.385	0.096	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Benzo(a)anthracene	0.163i	mg/Kg	0.231	0.058	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Benzo(a)pyrene	0.149i	mg/Kg	0.231	0.035	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Benzo(b)fluoranthene	0.308	mg/Kg	0.231	0.050	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Benzo(g,h,i)perylene	0.164i	mg/Kg	0.231	0.058	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Benzo(k)fluoranthene	0.129i	mg/Kg	0.231	0.058	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Chrysene	0.194i	mg/Kg	0.231	0.058	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Dibenzo(a,h)anthracene	0.031i	mg/Kg	0.231	0.019	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Fluoranthene	0.279i	mg/Kg	0.385	0.096	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Fluorene		U mg/Kg	0.385	0.096	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Indeno(1,2,3-cd)pyrene	0.196i	mg/Kg	0.231	0.058	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Naphthalene		U mg/Kg	0.769	0.192	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Phenanthrene		U mg/Kg	0.385	0.192	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Pyrene	0.250i	mg/Kg	0.385	0.096	1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
Nitrobenzene-d5 (S)	90	%	20-150		1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
2-Fluorobiphenyl (S)	86	%	30-150		1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	
p-Terphenyl-d14 (S)	91	%	15-150		1 9/12/2023 11:27	SMC	9/13/2023 20:20	BFM	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	82.2	%	0.1		1		9/14/2023 11:51	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
Analytical Method: EPA 6020									
Chromium	50	mg/Kg	1.3	0.27	2 9/15/2023 15:35	ECW	9/15/2023 18:10	DB	
Arsenic	8.5	mg/Kg	0.61	0.10	2 9/15/2023 15:35	ECW	9/15/2023 18:10	DB	
Barium	120	mg/Kg	1.3	0.27	2 9/15/2023 15:35	ECW	9/15/2023 18:10	DB	
Lead	530	mg/Kg	0.61	0.095	2 9/15/2023 15:35	ECW	9/15/2023 18:10	DB	L1



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504020** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3E (0.5-2)** Date Collected: 9/8/2023 14:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	73.8	%	0.1		1		9/14/2023 11:57	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	6.0	mg/Kg	0.68	0.11	2	9/15/2023 15:35	ECW 9/15/2023 18:15	DB	



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504021** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3E (2-4)** Date Collected: 9/8/2023 14:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.3	%	0.1		1		9/14/2023 11:57	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	0.37i	mg/Kg	0.60	0.098	2	9/18/2023 11:48	JR	9/18/2023 12:23	DB



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504022** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3W (0-0.5)** Date Collected: 9/8/2023 12:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.794	0.198	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
2-Methylnaphthalene	U	mg/Kg	0.794	0.198	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Acenaphthene	U	mg/Kg	0.397	0.099	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Acenaphthylene	U	mg/Kg	0.397	0.099	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Anthracene	U	mg/Kg	0.397	0.099	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Benzo(a)anthracene	0.132i	mg/Kg	0.238	0.060	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Benzo(a)pyrene	0.093i	mg/Kg	0.238	0.037	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Benzo(b)fluoranthene	0.174i	mg/Kg	0.238	0.052	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Benzo(g,h,i)perylene	0.152i	mg/Kg	0.238	0.060	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Benzo(k)fluoranthene	0.090i	mg/Kg	0.238	0.060	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Chrysene	0.109i	mg/Kg	0.238	0.060	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.238	0.020	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Fluoranthene	0.199i	mg/Kg	0.397	0.099	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Fluorene	U	mg/Kg	0.397	0.099	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Indeno(1,2,3-cd)pyrene	0.154i	mg/Kg	0.238	0.060	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Naphthalene	U	mg/Kg	0.794	0.198	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Phenanthrene	U	mg/Kg	0.397	0.198	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Pyrene	0.173i	mg/Kg	0.397	0.099	1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
Nitrobenzene-d5 (S)	95	%	20-150		1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
2-Fluorobiphenyl (S)	90	%	30-150		1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB
p-Terphenyl-d14 (S)	100	%	15-150		1	9/13/2023 10:32	SMC	9/15/2023 13:45	TDB

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	82.4	%	0.1	1	9/14/2023 11:52	CT
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020									
Chromium	51	mg/Kg	1.3	0.26	2	9/18/2023 11:48	JR	9/18/2023 12:27	DB
Arsenic	29	mg/Kg	0.61	0.10	2	9/18/2023 11:48	JR	9/18/2023 12:27	DB
Barium	66	mg/Kg	1.3	0.27	2	9/18/2023 11:48	JR	9/18/2023 12:27	DB
Lead	190	mg/Kg	0.61	0.095	2	9/18/2023 11:48	JR	9/18/2023 12:27	DB L1



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504023** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3W (0.5-2)** Date Collected: 9/8/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	86.9	%	0.1		1		9/14/2023 12:03	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	0.82	mg/Kg	0.58	0.094	2	9/18/2023 11:48	JR	9/18/2023 12:32	DB



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504024** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **SB-3W (2-4)** Date Collected: 9/8/2023 13:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	82.4	%	0.1		1		9/14/2023 12:09	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	0.24i	mg/Kg	0.61	0.10	2	9/18/2023 11:48	JR	9/18/2023 12:36	DB



ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504025**

Date Received: 9/8/2023 19:20

Matrix: Soil/Solid

Sample ID: **Dup-SB-01**

Date Collected: 9/8/2023 12:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	89.3	%	0.1		1		9/14/2023 12:07	CT	
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Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Arsenic	0.86	mg/Kg	0.56	0.092	2	9/18/2023 11:48	JR	9/18/2023 12:41	DB
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ANALYTICAL RESULTS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID: **2387504026** Date Received: 9/8/2023 19:20 Matrix: Soil/Solid
Sample ID: **Dup-SB-02** Date Collected: 9/8/2023 15:52

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	87.1	%	0.1		1		9/14/2023 12:09	CT	
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Arsenic	0.71	mg/Kg	0.57	0.094	2	9/18/2023 11:48	JR	9/18/2023 12:45	DB



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

PARAMETER QUALIFIERS

- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).
- L2 Off-scale high. Reported value is above the calibration range and the instrument LDR (Linear Dynamic Range).

PROJECT COMMENTS

2387504 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.



QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

QC Batch:	XXX/17753		Analysis Method:	EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387400003	2387400007	2387497001	2387497002	2387497003	2387497005
	2387498001	2387500001	2387500002	2387500003	2387500004	2387504001
	2387504002	2387504003	2387504004	2387504013	2387504016	2387504019

METHOD BLANK: 290542

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	93	20-150	
2-Fluorobiphenyl (S)	%	94	30-150	
p-Terphenyl-d14 (S)	%	110	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 290543 290544

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				93	94	20-150	1		
2-Fluorobiphenyl (S)	%				96	97	30-150	0.5		
p-Terphenyl-d14 (S)	%				99	100	15-150	2		
Naphthalene	mg/Kg	2.01	2.01	2.02	100	101	40-150	0.5	40	
2-Methylnaphthalene	mg/Kg	2.01	2.14	2.13	107	106	40-150	0.5	40	
1-Methylnaphthalene	mg/Kg	2.02	2.16	2.14	107	106	40-150	0.9	40	
Acenaphthylene	mg/Kg	2	2.09	2.05	104	102	40-150	2	40	

Report ID: 2387504 - 3820937
9/18/2023

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QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD: 290543 290544

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	mg/Kg	2	2.15	2.12	107	106	35-150	1	40	
Fluorene	mg/Kg	2	2.16	2.15	108	107	40-150	0.5	40	
Phenanthrene	mg/Kg	2.02	1.91	1.92	95	95	40-150	0.5	40	
Anthracene	mg/Kg	2	1.93	1.95	96	97	40-150	1	40	
Fluoranthene	mg/Kg	2	2.00	1.96	100	98	40-150	2	40	
Pyrene	mg/Kg	2	2.16	2.18	108	109	40-150	0.9	40	
Benzo(a)anthracene	mg/Kg	2.01	1.83	1.79	91	89	40-150	2	40	
Chrysene	mg/Kg	2.01	1.99	2.00	99	99	40-150	0.5	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.98	1.95	98	97	40-150	2	40	
Benzo(k)fluoranthene	mg/Kg	2.01	2.24	2.30	112	115	40-150	3	40	
Benzo(a)pyrene	mg/Kg	2	1.97	1.96	99	98	40-150	0.5	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.93	1.84	96	92	40-150	5	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.59	1.56	79	77	40-150	2	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.84	1.86	92	93	40-150	1	40	

MATRIX SPIKE SAMPLE: 290545

Original: 2387400004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				93	20-150	
2-Fluorobiphenyl (S)	%				96	30-150	
p-Terphenyl-d14 (S)	%				93	15-150	
Naphthalene	mg/Kg	0.00351	3.23	3.17	98	40-150	
2-Methylnaphthalene	mg/Kg	0.0044	3.23	3.37	104	40-150	
1-Methylnaphthalene	mg/Kg	0.00258	3.25	3.41	105	40-150	
Acenaphthylene	mg/Kg	0.017	3.22	3.21	99	40-150	
Acenaphthene	mg/Kg	0.00261	3.22	3.37	105	35-150	
Fluorene	mg/Kg	0	3.23	3.37	104	40-150	
Phenanthrene	mg/Kg	0.00812	3.24	3.03	93	40-150	
Anthracene	mg/Kg	0.038	3.23	2.97	91	40-150	
Fluoranthene	mg/Kg	0.248	3.23	3.65	105	40-150	
Pyrene	mg/Kg	0.414	3.22	3.91	108	40-150	
Benzo(a)anthracene	mg/Kg	0.176	3.23	3.34	98	40-150	
Chrysene	mg/Kg	0.243	3.24	3.1	88	40-150	
Benzo(b)fluoranthene	mg/Kg	0.338	3.24	3.46	96	40-150	
Benzo(k)fluoranthene	mg/Kg	0.152	3.23	3.47	103	40-150	
Benzo(a)pyrene	mg/Kg	0.112	3.22	3.02	90	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.00957	3.24	2.8	86	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.076	3.24	2.45	73	40-150	



QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

MATRIX SPIKE SAMPLE: 290545

Original: 2387400004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(g,h,i)perylene	mg/Kg	0.047	3.24	2.75	84	40-150	

SAMPLE DUPLICATE: 290546

Original: 2387498001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2720		3		
2-Fluorobiphenyl (S)	%	2700		4		
p-Terphenyl-d14 (S)	%	2730		4		
Naphthalene	mg/Kg	3.52	5.06	5	40	
2-Methylnaphthalene	mg/Kg	6.95	9.45	0.9	40	
1-Methylnaphthalene	mg/Kg	3.8	5.12	2	40	
Acenaphthylene	mg/Kg	U	U	0	40	
Acenaphthene	mg/Kg	U	U	0	40	
Fluorene	mg/Kg	U	U	0	40	
Phenanthrene	mg/Kg	U	U	0	40	
Anthracene	mg/Kg	U	U	0	40	
Fluoranthene	mg/Kg	U	U	0	40	
Pyrene	mg/Kg	U	U	0	40	
Benzo(a)anthracene	mg/Kg	U	U	0	40	
Chrysene	mg/Kg	U	U	0	40	
Benzo(b)fluoranthene	mg/Kg	U	U	0	40	
Benzo(k)fluoranthene	mg/Kg	U	U	0	40	
Benzo(a)pyrene	mg/Kg	U	U	0	40	
Dibenzo(a,h)anthracene	mg/Kg	U	0.023i	0	40	P1
Indeno(1,2,3-cd)pyrene	mg/Kg	U	U	0	40	
Benzo(g,h,i)perylene	mg/Kg	U	U	0	40	



QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

QC Batch: XXX/17758 Analysis Method: EPA 8310 List by 8270E SIM (S)

QC Batch Method: EPA 3545

Associated Lab Samples: 2387504022

METHOD BLANK: 290694

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	85	20-150	
2-Fluorobiphenyl (S)	%	94	30-150	
p-Terphenyl-d14 (S)	%	111	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 290695 290696

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				85	85	20-150	0		
2-Fluorobiphenyl (S)	%				88	87	30-150	2		
p-Terphenyl-d14 (S)	%				93	90	15-150	3		
Naphthalene	mg/Kg	2.01	1.72	1.72	86	86	40-150	0	40	
2-Methylnaphthalene	mg/Kg	2.01	1.83	1.84	91	92	40-150	0.5	40	

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FDOH# E86546

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QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

LABORATORY CONTROL SAMPLE & LCSD: 290695 290696

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	mg/Kg	2.02	1.84	1.83	91	91	40-150	0.5	40	
Acenaphthylene	mg/Kg	2	1.72	1.74	86	87	40-150	1	40	
Acenaphthene	mg/Kg	2	1.83	1.81	92	90	35-150	1	40	
Fluorene	mg/Kg	2	1.79	1.81	89	91	40-150	1	40	
Phenanthrene	mg/Kg	2.02	1.62	1.60	81	79	40-150	1	40	
Anthracene	mg/Kg	2	1.61	1.59	80	79	40-150	1	40	
Fluoranthene	mg/Kg	2	1.61	1.64	81	82	40-150	2	40	
Pyrene	mg/Kg	2	1.83	1.80	91	90	40-150	2	40	
Benzo(a)anthracene	mg/Kg	2.01	1.53	1.56	76	78	40-150	2	40	
Chrysene	mg/Kg	2.01	1.68	1.66	84	82	40-150	1	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.73	1.76	86	87	40-150	2	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.85	1.81	92	90	40-150	2	40	
Benzo(a)pyrene	mg/Kg	2	1.62	1.64	81	82	40-150	1	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.64	1.65	81	82	40-150	0.6	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.35	1.38	67	69	40-150	2	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.50	1.51	75	75	40-150	0.7	40	

MATRIX SPIKE SAMPLE: 290697

Original: 2387509008

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%					95	20-150
2-Fluorobiphenyl (S)	%					89	30-150
p-Terphenyl-d14 (S)	%					94	15-150
Naphthalene	mg/Kg	0.108	3.27	3.12	92	40-150	
2-Methylnaphthalene	mg/Kg	0.051	3.27	3.18	96	40-150	
1-Methylnaphthalene	mg/Kg	0.04	3.29	3.18	95	40-150	
Acenaphthylene	mg/Kg	1.36	3.26	4.76	104	40-150	
Acenaphthene	mg/Kg	0.049	3.26	3.16	96	35-150	
Fluorene	mg/Kg	0.103	3.27	3.29	98	40-150	
Phenanthrene	mg/Kg	1.51	3.28	4.22	83	40-150	
Anthracene	mg/Kg	1.25	3.26	4.01	85	40-150	
Fluoranthene	mg/Kg	11.2	3.27	14.7	106	40-150	
Pyrene	mg/Kg	12.5	3.26	16.8	134	40-150	
Benzo(a)anthracene	mg/Kg	12.8	3.27	17.1	131	40-150	
Chrysene	mg/Kg	9.96	3.28	13.6	112	40-150	
Benzo(b)fluoranthene	mg/Kg	14.5	3.28	18	106	40-150	
Benzo(k)fluoranthene	mg/Kg	5.16	3.27	8.15	91	40-150	
Benzo(a)pyrene	mg/Kg	8.32	3.26	11.8	107	40-150	

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9/18/2023

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FD0H# E86546

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QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

MATRIX SPIKE SAMPLE: 290697

Original: 2387509008

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibenzo(a,h)anthracene	mg/Kg	1	3.28	3.2	67	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	6.97	3.28	11.6	140	40-150	
Benzo(g,h,i)perylene	mg/Kg	4.26	3.28	6.71	75	40-150	

SAMPLE DUPLICATE: 290698

Original: 2387509009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2550		78		
2-Fluorobiphenyl (S)	%	2600		77		
p-Terphenyl-d14 (S)	%	2680		66		
Naphthalene	mg/Kg	0.344	0.234i	49	40	P1
2-Methylnaphthalene	mg/Kg	0.34	0.210i	58	40	P1
1-Methylnaphthalene	mg/Kg	0.293	U	0	40	P1
Acenaphthylene	mg/Kg	0.237	0.149i	57	40	P1
Acenaphthene	mg/Kg	U	U	0	40	
Fluorene	mg/Kg	U	U	0	40	
Phenanthrene	mg/Kg	1.3	1.12	27	40	
Anthracene	mg/Kg	0.33	0.342i	9	40	
Fluoranthene	mg/Kg	3.51	2.53	44	40	P1
Pyrene	mg/Kg	4.16	2.86	48	40	P1
Benzo(a)anthracene	mg/Kg	2.78	1.85	52	40	P1
Chrysene	mg/Kg	2.7	1.84	49	40	P1
Benzo(b)fluoranthene	mg/Kg	3.79	2.29	60	40	P1
Benzo(k)fluoranthene	mg/Kg	1.41	1.21	27	40	
Benzo(a)pyrene	mg/Kg	2.33	1.54	52	40	P1
Dibenzo(a,h)anthracene	mg/Kg	0.216	0.186i	27	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.96	1.37	47	40	P1
Benzo(g,h,i)perylene	mg/Kg	1.28	0.904	46	40	P1



QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

QC Batch:	MXX/15612	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387504001	2387504002	2387504003	2387504004	2387504005	2387504006
	2387504007	2387504008	2387504009	2387504010	2387504011	2387504012
	2387504013	2387504014	2387504015	2387504016	2387504017	2387504018
	2387504019	2387504020				

METHOD BLANK: 291007

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 291008 291009

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	10	9.9	102	99.1	80-120	1.01	20	
Arsenic	mg/Kg	10	10	10	104	101	80-120	0	20	
Barium	mg/Kg	10	10	10	104	103	80-120	0	20	
Mercury	mg/Kg	1.3	1.2	1.2	99	97.8	80-120	0	20	
Lead	mg/Kg	10	10	10	100	99.5	80-120	0	20	

MATRIX SPIKE SAMPLE: 291011 Original: 2387504020

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	41	20	71	147	75-125	J4h
Arsenic	mg/Kg	4.5	20	25	102	75-125	
Barium	mg/Kg	68	20	100	184	75-125	J4h
Mercury	mg/Kg	0.3	2.5	3.2	116	75-125	
Lead	mg/Kg	42	20	71	144	75-125	J4h



QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

SAMPLE DUPLICATE: 291010

Original: 2387504020

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	41	61	9.3	20	
Arsenic	mg/Kg	4.5	6.4	4.35	20	
Barium	mg/Kg	68	95	2.9	20	
Mercury	mg/Kg	0.3	0.40i	0	20	
Lead	mg/Kg	42	57	0	20	



QUALITY CONTROL DATA

Workorder: 2387504

Project ID: SFRPC Triangle Properties

QC Batch: MXX/15613 Analysis Method: EPA 6020
QC Batch Method: EPA 3050B (mod)
Associated Lab Samples: 2387504021 2387504022 2387504023 2387504024 2387504025 2387504026

METHOD BLANK: 291065

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Barium	mg/Kg	U	0.11	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 291066 291067

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.5	9.6	95.3	96	80-120	1.05	20	
Arsenic	mg/Kg	10	9.3	9.2	92.8	92.4	80-120	1.08	20	
Barium	mg/Kg	10	9.3	9.5	93.4	94.8	80-120	2.13	20	
Lead	mg/Kg	10	9.3	9.2	92.9	92.2	80-120	1.08	20	

MATRIX SPIKE SAMPLE: 291069 Original: 2387504026

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	2.9	20	22	96.7	75-125	
Arsenic	mg/Kg	0.62	20	20	96.3	75-125	
Barium	mg/Kg	5.4	20	25	95.6	75-125	
Lead	mg/Kg	0.6	20	19	90.9	75-125	

SAMPLE DUPLICATE: 291068 Original: 2387504026

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	2.9	3.3	0	20	
Arsenic	mg/Kg	0.62	0.67	4.96	20	
Barium	mg/Kg	5.4	6.2	0	20	
Lead	mg/Kg	0.6	0.69	1.65	20	



QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387504

Project ID: SFRPC Triangle Properties

QUALITY CONTROL PARAMETER QUALIFIERS

- | | |
|-----|---|
| J4h | MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range. |
| P1 | RPD value not applicable for sample concentrations less than 5 times the PQL. |

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387504001	SB-2N (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504002	SB-2S (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504003	SB-2E (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504004	SB-2W (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504013	SB-3N (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504016	SB-3S (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504019	SB-3E (0-0.5)	EPA 3545	XXX/17753	EPA 8310 List by 8270E SIM (S)	XMS/8959
2387504022	SB-3W (0-0.5)	EPA 3545	XXX/17758	EPA 8310 List by 8270E SIM (S)	XMS/8964
2387504001	SB-2N (0-0.5)	SM 2540G	WGR/6001		
2387504002	SB-2S (0-0.5)	SM 2540G	WGR/6001		
2387504003	SB-2E (0-0.5)	SM 2540G	WGR/6001		
2387504004	SB-2W (0-0.5)	SM 2540G	WGR/6001		
2387504005	SB-4N (0-0.5)	SM 2540G	WGR/6001		
2387504006	SB-4S (0-0.5)	SM 2540G	WGR/6001		
2387504007	SB-4E (0-0.5)	SM 2540G	WGR/6001		
2387504008	SB-4W (0-0.5)	SM 2540G	WGR/6001		
2387504009	SB-5N (0-0.5)	SM 2540G	WGR/6001		
2387504010	SB-5S (0-0.5)	SM 2540G	WGR/6001		
2387504011	SB-5E (0-0.5)	SM 2540G	WGR/6001		
2387504012	SB-5W (0-0.5)	SM 2540G	WGR/6001		
2387504013	SB-3N (0-0.5)	SM 2540G	WGR/6001		
2387504014	SB-3N (0.5-2)	SM 2540G	WGR/6001		
2387504015	SB-3N (2-4)	SM 2540G	WGR/6001		
2387504016	SB-3S (0-0.5)	SM 2540G	WGR/6001		
2387504017	SB-3S (0.5-2)	SM 2540G	WGR/6001		
2387504018	SB-3S (2-4)	SM 2540G	WGR/6001		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387504019	SB-3E (0-0.5)	SM 2540G	WGR/6001		
2387504020	SB-3E (0.5-2)	SM 2540G	WGR/6001		
2387504021	SB-3E (2-4)	SM 2540G	WGR/6001		
2387504022	SB-3W (0-0.5)	SM 2540G	WGR/6001		
2387504023	SB-3W (0.5-2)	SM 2540G	WGR/6001		
2387504024	SB-3W (2-4)	SM 2540G	WGR/6001		
2387504025	Dup-SB-01	SM 2540G	WGR/6001		
2387504026	Dup-SB-02	SM 2540G	WGR/6001		
2387504001	SB-2N (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504002	SB-2S (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504003	SB-2E (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504004	SB-2W (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504005	SB-4N (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504006	SB-4S (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504007	SB-4E (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504008	SB-4W (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504009	SB-5N (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504010	SB-5S (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504011	SB-5E (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504012	SB-5W (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504013	SB-3N (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504014	SB-3N (0.5-2)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504015	SB-3N (2-4)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504016	SB-3S (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504017	SB-3S (0.5-2)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504018	SB-3S (2-4)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504019	SB-3E (0-0.5)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870
2387504020	SB-3E (0.5-2)	EPA 3050B (mod)	MXX/15612	EPA 6020	MMS/13870



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387504

Project ID: SFRPC Triangle Properties

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387504021	SB-3E (2-4)	EPA 3050B (mod)	MXX/15613	EPA 6020	MMS/13871
2387504022	SB-3W (0-0.5)	EPA 3050B (mod)	MXX/15613	EPA 6020	MMS/13871
2387504023	SB-3W (0.5-2)	EPA 3050B (mod)	MXX/15613	EPA 6020	MMS/13871
2387504024	SB-3W (2-4)	EPA 3050B (mod)	MXX/15613	EPA 6020	MMS/13871
2387504025	Dup-SB-01	EPA 3050B (mod)	MXX/15613	EPA 6020	MMS/13871
2387504026	Dup-SB-02	EPA 3050B (mod)	MXX/15613	EPA 6020	MMS/13871



Company Name <u>Stantec</u>						LAB ANALYSIS												Requested Turnaround Time											
Address						Parameters	PAHs - 8270C	Metals - 6010	Arsenic - 6010	Barium	Chromium	Lead	Mercury										Field Filtered (Y/N)	Note: Rush requests subject to acceptance by the laboratory					
City <u>Clewiswater</u> State _____ Zip _____																								<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited		Due <u> </u> / <u> </u> / <u> </u>			
Sampling Site Address <u>Homesstead, FL</u>																													
Attn: <u>Kevin Yne</u> Email _____																													
Project Name <u>SFRPC Triangle Properties</u> Project # <u>215617767</u>																													
Sampler Name/Signature <u>V. Ugilys</u>																													
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont																	Comments							
1	SB-2N(0-0.5)	9/7/23	1545	S	2	X	X	X														SB-4 bearings							
2	SB-2S(0-0.5)		1548	S	2	X	X	X														metals (Arsenic, Barium, Lead, Mercury, Chromium)							
3	SB-2E(0-0.5)		1550	S	2	X	X	X																					
4	SB-2W(0-0.5)		1552	S	2	X	X	X																					
5	SB-4N(0-0.5)		1535	S	1		X	X	X	X	X	X										SB-3 bearings at 0-0.5'							
6	SB-4S(0-0.5)		1538	S	1		X	X	X	X	X	X										metals (Arsenic, Barium, Lead, Chromium)							
7	SB-4E(0-0.5)		1540	S	1		X	X	X	X	X	X																	
8	SB-4W(0-0.5)		1542	S	1		X	X	X	X	X	X																	
9	SB-5N(0-0.5)		1520	S	1		X	X																					
10	SB-5S(0-0.5)		1523	S	1		X	X																					

Matrix Codes*				Pres Codes		Reinquished by	Date	Time	Received by	Date	Time	
S	Soil/Solid Sediment	SW	Surface Water	A- none	I- Ice		9/8	4:20		9/8/23	4:20	
GW	Ground Water	SL	Sludge	B- HNO ₃	O- Other		9/8/23	17:57			9/8/23	17:57
WW	Waste Water	O	Other (Please Specify)	C- H ₂ SO ₄	M- MeOH		9/8/23	19:20			9/8/23	19:20
DW	Drinking Water			D- NaOH	N- Na ₂ S ₂ O ₃							
				E- HCl	Z- ZnAc							

QA/QC level with report
 None 1 2 3 See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 0.8 °C

Company Name <u>Stantec</u>						LAB ANALYSIS										Requested Turnaround Time				
Address						Parameters	Pres Codes	Field Filtered (Y/N)											Note: Rush requests subject to acceptance by the laboratory	
City <u>Clearwater</u> State _____ Zip _____																			<input checked="" type="checkbox"/> Standard	
Sampling Site Address <u>Honeystead, FL</u>																			<input type="checkbox"/> Expedited	
Attn: <u>Kevin Yue</u> Email _____																			Due <u> </u> / <u> </u> / <u> </u>	
Project Name <u>SFRPC Triangle Properties</u> Project # <u>215617767</u>																			Comments	
Sampler Name/Signature <u>V. Uryls / [Signature]</u>																				
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont															
1	SB-3E (2-4)	9/8/23	1405	S	1				X									SB-3 bearings at 0-0.5		
2	SB-3W (0-0.5)	9/8/23	1255	S	2	X	X	X	X	X	X							metals (Arsenic, Barium, Lead, Chromium)		
3	SB-3W (0.5-2)	9/8/23	1300	S	1				X											
4	SB-3W (2-4)	9/8/23	1305	S	1				X											
5	Dup-SB-01	9/8/23	—	S	1				X											
6	Dup-SB-02	9/8/23	—	S	1				X											
7																				
8																				
9																				
0																				
Matrix Codes*				Pres Codes		Relinquished by		Date		Time		Received by		Date		Time				
S	Soil/Solid Sediment	SW	Surface Water	A-	none	I-	Ice	[Signature] / Stantec		9/8		4:20		[Signature]		9/8/23 4:20				
GW	Ground Water	SL	Sludge	B-	HNO ₃	O-	Other													
WW	Waste Water	O	Other (Please Specify)	C-	H ₂ SO ₄	M-	MeOH													
DW	Drinking Water			D-	NaOH	N-	Na ₂ S ₂ O ₈													
				E-	HCl	Z-	ZnAc													
QA/QC level with report								9/8/23		17:37		[Signature]		9/8/23		17:37				
None <u> </u> 1 <u> </u> 2 <u> </u> 3 <u> </u> See price guide for applicable fees								9/8/23		19:20		[Signature]		9/8/23		19:20				
FDEP Dry Cleaning <input type="checkbox"/> FDEP UST Pre-Approval <input type="checkbox"/>				Temp Control:																
SFWMD <input type="checkbox"/> ADaPT <input type="checkbox"/> DOT <input type="checkbox"/>				0.8 °C																

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG: 2387504	Profile: 4527
Client: Stantec	Project: K. Yve
Level: 1	Date Rec'd: 9/8/2023 7:20:00 PM
Rec'd via: courier	

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice		Security Tape		Comments	Temp Gun ID
			Present	Intact	Present	Intact		
	0.8	26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	No	Written on Internal COC?	No
pH Strip Lot #		Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #		Samples Rec'd W/I Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	N/A
Number of Encores	0	Number of Lab Filtered Metals	0

Samples Labeled by KS o 9/11/2023 Labels Confirmed by AOJ o 9/11/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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September 18, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387511
Project ID: Triangle

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Friday, September 08, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Genesis De Sousa for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2387511

Project ID: Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387511001	TMW-3C	EPA 8270/PAH SIM	21
2387511002	TMW-6	EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387511003	DUP-Triangle	EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387511004	FB-Triangle	EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3



SAMPLE SUMMARY

Workorder: 2387511

Project ID: Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387511001	TMW-3C	Aqueous Liquid	9/8/2023 12:51	9/8/2023 19:20
2387511002	TMW-6	Aqueous Liquid	9/8/2023 13:48	9/8/2023 19:20
2387511003	DUP-Triangle	Aqueous Liquid	9/8/2023 00:00	9/8/2023 19:20
2387511004	FB-Triangle	Aqueous Liquid	9/8/2023 14:00	9/8/2023 19:20



ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511001** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **TMW-3C** Date Collected: 9/8/2023 12:51

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)

Preparation Method: EPA 3510C SIM

Analytical Method: EPA 8270/PAH SIM

1-Methylnaphthalene	U	ug/L	0.096	0.048	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
2-Methylnaphthalene	U	ug/L	0.096	0.048	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Acenaphthene	U	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Acenaphthylene	U	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Anthracene	U	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Benzo(a)anthracene	0.027i	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Benzo(a)pyrene	0.020i	ug/L	0.048	0.014	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Benzo(b)fluoranthene	0.028i	ug/L	0.048	0.014	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Benzo(g,h,i)perylene	0.035i	ug/L	0.048	0.014	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Benzo(k)fluoranthene	0.035i	ug/L	0.048	0.014	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Chrysene	0.039i	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Dibenzo(a,h)anthracene	0.029i	ug/L	0.048	0.0048	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Fluoranthene	U	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Fluorene	U	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Indeno(1,2,3-cd)pyrene	0.052	ug/L	0.048	0.014	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Naphthalene	U	ug/L	0.096	0.048	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Phenanthrene	U	ug/L	0.385	0.192	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Pyrene	U	ug/L	0.048	0.024	1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
Nitrobenzene-d5 (S)	79	%	30-110		1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
2-Fluorobiphenyl (S)	80	%	30-110		1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM
p-Terphenyl-d14 (S)	97	%	30-140		1	9/12/2023 08:20	KS	9/12/2023 19:38	BFM



ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511002** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **TMW-6** Date Collected: 9/8/2023 13:48

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	98	%	70-130		1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Toluene d8 (S)	100	%	70-130		1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
4-Bromofluorobenzene (S)	98	%	70-130		1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,1-Dichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,1-Dichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,1-Dichloropropene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2-DBCp	U	ug/L	2.00	0.550	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2-Dichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,2-Dichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,3-Dichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
2,2-Dichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
2-Chlorotoluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
2-Hexanone	U	ug/L	10.0	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
4-Chlorotoluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
4-Isopropyltoluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Acetone	U	ug/L	10.0	5.00	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Acrolein	U	ug/L	20.0	8.70	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Acrylonitrile	U	ug/L	20.0	4.20	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Benzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Bromobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	

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9/18/2023

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ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511002**

Date Received: 9/8/2023 19:20

Matrix: Aqueous Liquid

Sample ID: **TMW-6**

Date Collected: 9/8/2023 13:48

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Bromodichloromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Bromoform	U	ug/L	1.00	0.550	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Bromomethane	U	ug/L	6.00	4.00	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Carbon disulfide	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Carbon tetrachloride	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Chlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Chloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Chloroform	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Chloromethane	U	ug/L	5.00	2.50	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Dibromochloromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Dibromomethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Dichlorodifluoromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
cis-1,3-Dichloropropene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Ethyl methacrylate	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Ethylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Hexachlorobutadiene	U	ug/L	2.00	1.00	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Iodomethane	U	ug/L	1.00	0.460	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Isopropylbenzene (Cumene)	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Methyl ethyl ketone (MEK)	U	ug/L	5.00	0.640	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Methylene chloride	U	ug/L	4.00	2.00	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Naphthalene	U	ug/L	5.00	2.00	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Styrene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Tetrachloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Toluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Trichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Trichlorofluoromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Vinyl acetate	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Vinyl chloride	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
Xylenes- Total	U	ug/L	3.00	0.800	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
cis-1,2-Dichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
cis-1,4-Dichloro-2-butene	U	ug/L	1.00	0.440	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
m & p-xylene	U	ug/L	2.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
n-Butylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
n-propylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
o-Xylene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
sec-Butylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
t-1,4-Dichloro-2-butene	U	ug/L	1.00	0.410	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
tert-Butyl methyl ether (MTBE)	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
tert-Butylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
trans-1,2-Dichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	
trans-1,3-Dichloropropene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 15:47	TDB	

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ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511002** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **TMW-6** Date Collected: 9/8/2023 13:48

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	90	%	66-139		1	9/12/2023 09:28	KS	9/12/2023 12:43	TDB
Nonatriacontane (S)	46	%	40-129		1	9/12/2023 09:28	KS	9/12/2023 12:43	TDB
Semivolatiles by GC									
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	9/12/2023 09:28	KS	9/12/2023 12:43	TDB
Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium		U ug/L	2.0	0.80	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Arsenic		U ug/L	2.0	0.65	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Selenium		U ug/L	4.0	2.1	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Silver		U ug/L	2.0	0.80	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Cadmium		U ug/L	2.0	0.28	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Barium	10	ug/L	2.0	0.30	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Mercury		U ug/L	2.0	0.73	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Lead		U ug/L	2.0	1.2	4	9/14/2023 13:24	ECW	9/14/2023 17:06	DB
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene		U ug/L	0.093	0.046	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
2-Methylnaphthalene		U ug/L	0.093	0.046	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Acenaphthene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Acenaphthylene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Anthracene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Benzo(a)anthracene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Benzo(a)pyrene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Benzo(b)fluoranthene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Benzo(g,h,i)perylene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Benzo(k)fluoranthene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Chrysene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Dibenzo(a,h)anthracene		U ug/L	0.046	0.0046	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Fluoranthene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Fluorene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Indeno(1,2,3-cd)pyrene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM
Naphthalene		U ug/L	0.093	0.046	1	9/12/2023 08:20	KS	9/12/2023 20:01	BFM



ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511002** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **TMW-6** Date Collected: 9/8/2023 13:48

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Phenanthrene		U ug/L	0.370	0.185	1 9/12/2023 08:20	KS	9/12/2023 20:01	BFM	
Pyrene		U ug/L	0.046	0.023	1 9/12/2023 08:20	KS	9/12/2023 20:01	BFM	
Nitrobenzene-d5 (S)	73	%	30-110		1 9/12/2023 08:20	KS	9/12/2023 20:01	BFM	
2-Fluorobiphenyl (S)	73	%	30-110		1 9/12/2023 08:20	KS	9/12/2023 20:01	BFM	
p-Terphenyl-d14 (S)	84	%	30-140		1 9/12/2023 08:20	KS	9/12/2023 20:01	BFM	

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ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511003** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **DUP-Triangle** Date Collected: 9/8/2023 00:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	96	%	70-130		1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Toluene d8 (S)	100	%	70-130		1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
4-Bromofluorobenzene (S)	100	%	70-130		1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,1-Dichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,1-Dichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,1-Dichloropropene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2-DBCP	U	ug/L	2.00	0.550	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2-Dichloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,2-Dichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,3-Dichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
2,2-Dichloropropane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
2-Chlorotoluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
2-Hexanone	U	ug/L	10.0	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
4-Chlorotoluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
4-Isopropyltoluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Acetone	U	ug/L	10.0	5.00	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Acrolein	U	ug/L	20.0	8.70	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Acrylonitrile	U	ug/L	20.0	4.20	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Benzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Bromobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	

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ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511003** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **DUP-Triangle** Date Collected: 9/8/2023 00:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Bromodichloromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Bromoform	U	ug/L	1.00	0.550	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Bromomethane	U	ug/L	6.00	4.00	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Carbon disulfide	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Carbon tetrachloride	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Chlorobenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Chloroethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Chloroform	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Chloromethane	U	ug/L	5.00	2.50	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Dibromochloromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Dibromomethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Dichlorodifluoromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
cis-1,3-Dichloropropene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Ethyl methacrylate	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Ethylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Hexachlorobutadiene	U	ug/L	2.00	1.00	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Iodomethane	U	ug/L	1.00	0.460	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Isopropylbenzene (Cumene)	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Methyl ethyl ketone (MEK)	U	ug/L	5.00	0.640	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Methylene chloride	U	ug/L	4.00	2.00	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Naphthalene	U	ug/L	5.00	2.00	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Styrene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Tetrachloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Toluene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Trichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Trichlorofluoromethane	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Vinyl acetate	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Vinyl chloride	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
Xylenes- Total	U	ug/L	3.00	0.800	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
cis-1,2-Dichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
cis-1,4-Dichloro-2-butene	U	ug/L	1.00	0.440	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
m & p-xylene	U	ug/L	2.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
n-Butylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
n-propylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
o-Xylene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
sec-Butylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
t-1,4-Dichloro-2-butene	U	ug/L	1.00	0.410	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
tert-Butyl methyl ether (MTBE)	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
tert-Butylbenzene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
trans-1,2-Dichloroethene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	
trans-1,3-Dichloropropene	U	ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:11	TDB	

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ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511003** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **DUP-Triangle** Date Collected: 9/8/2023 00:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	97	%	66-139		1	9/12/2023 09:28	KS	9/12/2023 13:04	TDB
Nonatriacontane (S)	47	%	40-129		1	9/12/2023 09:28	KS	9/12/2023 13:04	TDB
Semivolatiles by GC									
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.07	0.357	1	9/12/2023 09:28	KS	9/12/2023 13:04	TDB
Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium		U ug/L	2.0	0.80	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Arsenic		U ug/L	2.0	0.65	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Selenium		U ug/L	4.0	2.1	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Silver		U ug/L	2.0	0.80	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Cadmium		U ug/L	2.0	0.28	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Barium	9.6	ug/L	2.0	0.30	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Mercury		U ug/L	2.0	0.73	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Lead		U ug/L	2.0	1.2	4	9/14/2023 13:24	ECW	9/14/2023 17:11	DB
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene		U ug/L	0.093	0.046	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
2-Methylnaphthalene		U ug/L	0.093	0.046	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Acenaphthene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Acenaphthylene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Anthracene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Benzo(a)anthracene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Benzo(a)pyrene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Benzo(b)fluoranthene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Benzo(g,h,i)perylene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Benzo(k)fluoranthene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Chrysene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Dibenzo(a,h)anthracene		U ug/L	0.046	0.0046	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Fluoranthene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Fluorene		U ug/L	0.046	0.023	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Indeno(1,2,3-cd)pyrene		U ug/L	0.046	0.014	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM
Naphthalene		U ug/L	0.093	0.046	1	9/12/2023 08:20	KS	9/12/2023 20:24	BFM



ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511003** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **DUP-Triangle** Date Collected: 9/8/2023 00:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Phenanthrene		U ug/L	0.370	0.185	1 9/12/2023 08:20	KS	9/12/2023 20:24	BFM	
Pyrene		U ug/L	0.046	0.023	1 9/12/2023 08:20	KS	9/12/2023 20:24	BFM	
Nitrobenzene-d5 (S)	70	%	30-110		1 9/12/2023 08:20	KS	9/12/2023 20:24	BFM	
2-Fluorobiphenyl (S)	69	%	30-110		1 9/12/2023 08:20	KS	9/12/2023 20:24	BFM	
p-Terphenyl-d14 (S)	80	%	30-140		1 9/12/2023 08:20	KS	9/12/2023 20:24	BFM	



ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511004**

Date Received: 9/8/2023 19:20

Matrix: Aqueous Liquid

Sample ID: **FB-Triangle**

Date Collected: 9/8/2023 14:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Bromoform		U ug/L	1.00	0.550	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Bromomethane		U ug/L	6.00	4.00	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Chloroethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Chloroform		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Chloromethane		U ug/L	5.00	2.50	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Iodomethane		U ug/L	1.00	0.460	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Methylene chloride	2.23i	ug/L	4.00	2.00	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Naphthalene		U ug/L	5.00	2.00	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Styrene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Toluene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
o-Xylene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 9/11/2023 15:30	TDB	9/11/2023 16:35	TDB	

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ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511004** Date Received: 9/8/2023 19:20 Matrix: Aqueous Liquid
Sample ID: **FB-Triangle** Date Collected: 9/8/2023 14:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	81	%	66-139		1	9/12/2023 09:28	KS	9/12/2023 13:26	TDB
Nonatriacontane (S)	45	%	40-129		1	9/12/2023 09:28	KS	9/12/2023 13:26	TDB

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	9/12/2023 09:28	KS	9/12/2023 13:26	TDB

Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	U	ug/L	2.0	0.80	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Arsenic	U	ug/L	2.0	0.65	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Selenium	U	ug/L	4.0	2.1	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Silver	U	ug/L	2.0	0.80	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Cadmium	U	ug/L	2.0	0.28	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Barium	U	ug/L	2.0	0.30	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Mercury	U	ug/L	2.0	0.73	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB
Lead	U	ug/L	2.0	1.2	4	9/14/2023 13:24	ECW	9/14/2023 17:16	DB

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.100	0.050	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
2-Methylnaphthalene	U	ug/L	0.100	0.050	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Acenaphthene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Acenaphthylene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Anthracene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Benzo(a)anthracene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Benzo(a)pyrene	U	ug/L	0.050	0.015	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Benzo(b)fluoranthene	U	ug/L	0.050	0.015	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Benzo(g,h,i)perylene	U	ug/L	0.050	0.015	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Benzo(k)fluoranthene	U	ug/L	0.050	0.015	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Chrysene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Dibenzo(a,h)anthracene	U	ug/L	0.050	0.0050	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Fluoranthene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Fluorene	U	ug/L	0.050	0.025	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Indeno(1,2,3-cd)pyrene	U	ug/L	0.050	0.015	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM
Naphthalene	U	ug/L	0.100	0.050	1	9/12/2023 08:20	KS	9/12/2023 20:47	BFM



ANALYTICAL RESULTS

Workorder: 2387511

Project ID: Triangle

Lab ID: **2387511004**

Date Received: 9/8/2023 19:20

Matrix: Aqueous Liquid

Sample ID: **FB-Triangle**

Date Collected: 9/8/2023 14:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Phenanthrene		U ug/L	0.400	0.200	1 9/12/2023 08:20	KS	9/12/2023 20:47	BFM	
Pyrene		U ug/L	0.050	0.025	1 9/12/2023 08:20	KS	9/12/2023 20:47	BFM	
Nitrobenzene-d5 (S)	86	%	30-110		1 9/12/2023 08:20	KS	9/12/2023 20:47	BFM	
2-Fluorobiphenyl (S)	82	%	30-110		1 9/12/2023 08:20	KS	9/12/2023 20:47	BFM	
p-Terphenyl-d14 (S)	93	%	30-140		1 9/12/2023 08:20	KS	9/12/2023 20:47	BFM	

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ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387511

Project ID: Triangle

PARAMETER QUALIFIERS

PROJECT COMMENTS

2387511

A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

QC Batch:	XXX/17750	Analysis Method:		EPA 8270/PAH SIM		
QC Batch Method:	EPA 3510C SIM					
Associated Lab Samples:	2387476002	2387493001	2387495001	2387496001	2387497004	2387511001
	2387511002	2387511003	2387511004			

METHOD BLANK: 290479

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	104	30-110	
2-Fluorobiphenyl (S)	%	88	30-110	
p-Terphenyl-d14 (S)	%	112	30-140	
Naphthalene	ug/L	U	0.013	
2-Methylnaphthalene	ug/L	U	0.013	
1-Methylnaphthalene	ug/L	U	0.013	
Acenaphthylene	ug/L	U	0.00625	
Acenaphthene	ug/L	U	0.00625	
Fluorene	ug/L	U	0.00625	
Phenanthrene	ug/L	U	0.050	
Anthracene	ug/L	U	0.00625	
Fluoranthene	ug/L	U	0.00625	
Pyrene	ug/L	U	0.00625	
Benzo(a)anthracene	ug/L	U	0.00625	
Chrysene	ug/L	U	0.00625	
Benzo(b)fluoranthene	ug/L	U	0.00375	
Benzo(k)fluoranthene	ug/L	U	0.00375	
Benzo(a)pyrene	ug/L	U	0.00375	
Dibenzo(a,h)anthracene	ug/L	U	0.00125	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.00375	
Benzo(g,h,i)perylene	ug/L	U	0.00375	

LABORATORY CONTROL SAMPLE & LCSD: 290480 290481

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				111	99	30-110	11		
2-Fluorobiphenyl (S)	%				93	86	30-110	8		
p-Terphenyl-d14 (S)	%				105	97	30-140	7		
Naphthalene	ug/L	0.201	0.185	0.179	92	89	30-140	3	40	
2-Methylnaphthalene	ug/L	0.201	0.177	0.170	88	85	30-140	4	40	
1-Methylnaphthalene	ug/L	0.202	0.180	0.174	89	86	30-140	3	40	
Acenaphthylene	ug/L	0.2	0.186	0.177	93	89	30-120	5	40	
Acenaphthene	ug/L	0.2	0.194	0.184	97	92	30-120	5	40	

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QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

LABORATORY CONTROL SAMPLE & LCSD:		290480	290481							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	ug/L	0.2	0.183	0.194	91	97	30-140	6	40	
Phenanthrene	ug/L	0.202	0.184	0.174	91	86	30-120	6	40	
Anthracene	ug/L	0.2	0.162	0.155	81	77	30-140	4	40	
Fluoranthene	ug/L	0.2	0.184	0.179	92	89	30-120	3	40	
Pyrene	ug/L	0.2	0.191	0.198	95	99	40-140	4	40	
Benzo(a)anthracene	ug/L	0.201	0.178	0.175	89	87	30-120	2	40	
Chrysene	ug/L	0.201	0.192	0.184	95	91	30-140	4	40	
Benzo(b)fluoranthene	ug/L	0.202	0.174	0.166	87	83	30-140	5	40	
Benzo(k)fluoranthene	ug/L	0.201	0.199	0.187	99	93	30-140	6	40	
Benzo(a)pyrene	ug/L	0.2	0.150	0.166	75	83	30-140	10	40	
Dibenzo(a,h)anthracene	ug/L	0.201	0.156	0.146	78	72	30-140	7	40	
Indeno(1,2,3-cd)pyrene	ug/L	0.201	0.189	0.184	94	91	30-140	3	40	
Benzo(g,h,i)perylene	ug/L	0.201	0.150	0.147	74	73	30-120	2	40	



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

QC Batch:	XXX/17751	Analysis Method:	FL-PRO (GC)			
QC Batch Method:	EPA 3510C					
Associated Lab Samples:	2387450002	2387476002	2387493001	2387496001	2387497004	2387511002
	2387511003	2387511004				

METHOD BLANK: 290482

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	92	66-139	
Nonatriacontane (S)	%	82	40-129	
Florida Pro Total	mg/L	U	0.100	

LABORATORY CONTROL SAMPLE & LCSD: 290483 290484

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				98	86	66-139	13		
Nonatriacontane (S)	%				82	65	40-129	24		
Florida Pro Total	mg/L	0.678	0.574	0.469	85	69	66-119	20	20	



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

QC Batch: VXX/11909 Analysis Method: EPA 8260C
 QC Batch Method: EPA 5030B
 Associated Lab Samples: 2387493001 2387495001 2387496001 2387511002 2387511003 2387511004

METHOD BLANK: 290534

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	70-130	
Toluene d8 (S)	%	99	70-130	
4-Bromofluorobenzene (S)	%	100	70-130	
Dichlorodifluoromethane	ug/L	U	0.400	
Chloromethane	ug/L	U	2.50	
Vinyl chloride	ug/L	U	0.400	
Bromomethane	ug/L	U	4.00	
Chloroethane	ug/L	U	0.400	
Trichlorofluoromethane	ug/L	U	0.400	
Acrolein	ug/L	U	8.70	
Acetone	ug/L	U	5.00	
1,1-Dichloroethene	ug/L	U	0.400	
Iodomethane	ug/L	U	0.460	
Acrylonitrile	ug/L	U	4.20	
Methylene chloride	ug/L	U	2.00	
Carbon disulfide	ug/L	U	0.400	
trans-1,2-Dichloroethene	ug/L	U	0.400	
tert-Butyl methyl ether (MTBE)	ug/L	U	0.400	
1,1-Dichloroethane	ug/L	U	0.400	
Vinyl acetate	ug/L	U	0.400	
Methyl ethyl ketone (MEK)	ug/L	U	0.640	
cis-1,2-Dichloroethene	ug/L	U	0.400	
Bromochloromethane	ug/L	U	0.400	
Chloroform	ug/L	U	0.400	
2,2-Dichloropropane	ug/L	U	0.400	
1,2-Dichloroethane	ug/L	U	0.400	
1,1,1-Trichloroethane	ug/L	U	0.400	
1,1-Dichloropropene	ug/L	U	0.400	
Carbon tetrachloride	ug/L	U	0.400	
Benzene	ug/L	U	0.400	
Dibromomethane	ug/L	U	0.400	
1,2-Dichloropropane	ug/L	U	0.400	
Trichloroethene	ug/L	U	0.400	
Bromodichloromethane	ug/L	U	0.400	
cis-1,3-Dichloropropene	ug/L	U	0.400	
4-methyl-2-pentanone	ug/L	U	0.400	
trans-1,3-Dichloropropene	ug/L	U	0.400	
1,1,2-Trichloroethane	ug/L	U	0.400	

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QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

METHOD BLANK: 290534

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	ug/L	U	0.400	
1,3-Dichloropropane	ug/L	U	0.400	
Ethyl methacrylate	ug/L	U	0.400	
Dibromochloromethane	ug/L	U	0.400	
2-Hexanone	ug/L	U	0.400	
1,2-Dibromoethane (EDB)	ug/L	U	0.400	
Tetrachloroethene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.400	
Chlorobenzene	ug/L	U	0.400	
Ethylbenzene	ug/L	U	0.400	
m & p-xylene	ug/L	U	0.400	
Bromoform	ug/L	U	0.550	
t-1,4-Dichloro-2-butene	ug/L	U	0.410	
Styrene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.200	
o-Xylene	ug/L	U	0.400	
1,2,3-Trichloropropane	ug/L	U	0.400	
cis-1,4-Dichloro-2-butene	ug/L	U	0.440	
Isopropylbenzene (Cumene)	ug/L	U	0.400	
Bromobenzene	ug/L	U	0.400	
n-propylbenzene	ug/L	U	0.400	
2-Chlorotoluene	ug/L	U	0.400	
1,3,5-Trimethylbenzene	ug/L	U	0.400	
4-Chlorotoluene	ug/L	U	0.400	
tert-Butylbenzene	ug/L	U	0.400	
1,2,4-Trimethylbenzene	ug/L	U	0.400	
sec-Butylbenzene	ug/L	U	0.400	
1,3-Dichlorobenzene	ug/L	U	0.400	
1,4-Dichlorobenzene	ug/L	U	0.400	
4-Isopropyltoluene	ug/L	U	0.400	
1,2-Dichlorobenzene	ug/L	U	0.400	
n-Butylbenzene	ug/L	U	0.400	
1,2-DBCP	ug/L	U	0.550	
1,2,4-Trichlorobenzene	ug/L	U	1.00	
Naphthalene	ug/L	U	2.00	
Hexachlorobutadiene	ug/L	U	1.00	
1,2,3-Trichlorobenzene	ug/L	U	0.400	
Xylenes- Total	ug/L	U	0.800	



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

LABORATORY CONTROL SAMPLE & LCSD:		290535	290536							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				101	99	70-130	2	25	
Toluene d8 (S)	%				100	100	70-130	0.5	25	
4-Bromofluorobenzene (S)	%				100	100	70-130	0.7	25	
Dichlorodifluoromethane	ug/L	50	43.2	39.0	86	78	60-130	10	25	
Chloromethane	ug/L	50	53.2	50.2	106	100	60-130	6	25	
Vinyl chloride	ug/L	50	53.4	47.2	107	94	70-130	12	25	
Bromomethane	ug/L	50	68.6	63.6	137	127	60-130	8	25	J3a
Chloroethane	ug/L	50	52.0	47.2	104	94	70-130	10	25	
Trichlorofluoromethane	ug/L	50	52.2	49.9	104	100	70-130	5	25	
Acrolein	ug/L		U	U				0	25	
Acetone	ug/L	50.2	49.4	46.6	98	93	60-130	6	25	
1,1-Dichloroethene	ug/L	50	53.7	51.0	107	102	70-130	5	25	
Iodomethane	ug/L	50	56.3	58.8	113	118	60-130	4	25	
Acrylonitrile	ug/L	50	48.9	45.9	98	92	60-130	6	25	
Methylene chloride	ug/L	50	53.7	50.7	107	101	60-130	6	25	
Carbon disulfide	ug/L	50	58.3	54.9	117	110	60-130	6	25	
trans-1,2-Dichloroethene	ug/L	50	55.8	52.6	112	105	70-130	6	25	
tert-Butyl methyl ether (MTBE)	ug/L	50	56.1	55.3	112	111	70-130	1	25	
1,1-Dichloroethane	ug/L	50	54.5	52.5	109	105	70-130	4	25	
Vinyl acetate	ug/L	50	91.5	86.0	183	172	60-130	6	25	J3a
Methyl ethyl ketone (MEK)	ug/L	50.2	52.3	48.9	104	97	70-130	7	25	
cis-1,2-Dichloroethene	ug/L	50	55.5	53.9	111	108	70-130	3	25	
Bromochloromethane	ug/L	50	53.4	52.4	107	105	70-130	2	25	
Chloroform	ug/L	50	56.9	54.9	114	110	70-130	4	25	
2,2-Dichloropropane	ug/L	50	62.4	60.0	125	120	50-130	4	25	
1,2-Dichloroethane	ug/L	50	50.7	49.6	101	99	70-130	2	25	
1,1,1-Trichloroethane	ug/L	50	57.5	54.7	115	109	70-130	5	25	
1,1-Dichloropropene	ug/L	50	56.3	53.1	113	106	70-130	6	25	
Carbon tetrachloride	ug/L	50	58.3	53.9	117	108	60-130	8	25	
Benzene	ug/L	50	55.9	53.7	112	107	70-130	4	25	
Dibromomethane	ug/L	50	54.7	53.0	109	106	70-130	3	25	
1,2-Dichloropropane	ug/L	50	55.3	52.6	111	105	70-130	5	25	
Trichloroethene	ug/L	50	49.6	47.4	99	95	70-130	5	25	
Bromodichloromethane	ug/L	50	58.1	56.8	116	114	70-130	2	25	
cis-1,3-Dichloropropene	ug/L	50	61.1	59.1	122	118	60-130	3	25	
4-methyl-2-pentanone	ug/L	50.1	48.3	45.7	96	91	60-130	6	25	
trans-1,3-Dichloropropene	ug/L	50	51.6	49.8	103	100	60-130	4	25	
1,1,2-Trichloroethane	ug/L	50	55.2	52.2	110	104	70-130	6	25	
Toluene	ug/L	50	55.4	51.5	111	103	70-130	7	25	
1,3-Dichloropropane	ug/L	50	53.0	50.3	106	101	70-130	5	25	
Ethyl methacrylate	ug/L	50	62.2	57.8	124	116	70-130	7	25	
Dibromochloromethane	ug/L	50	62.3	58.4	125	117	70-130	6	25	



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

LABORATORY CONTROL SAMPLE & LCSD:		290535	290536							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
2-Hexanone	ug/L	50.1	54.0	51.1	108	102	70-130	6	25	
1,2-Dibromoethane (EDB)	ug/L	50	55.2	53.1	110	106	70-130	4	25	
Tetrachloroethene	ug/L	50	40.8	41.2	82	82	70-130	1	25	
1,1,1,2-Tetrachloroethane	ug/L	50	58.1	54.6	116	109	70-130	6	25	
Chlorobenzene	ug/L	50	56.2	52.3	112	105	70-130	7	25	
Ethylbenzene	ug/L	50	58.6	54.3	117	109	70-130	8	25	
m & p-xylene	ug/L	100	119	111	119	111	70-130	7	25	
Bromoform	ug/L	50	54.2	49.8	108	100	70-130	8	25	
t-1,4-Dichloro-2-butene	ug/L	50	56.5	54.3	113	109	60-130	4	25	
Styrene	ug/L	50	60.3	55.0	121	110	70-130	9	25	
1,1,2,2-Tetrachloroethane	ug/L	50	59.9	55.7	120	111	70-130	7	25	
o-Xylene	ug/L	50	57.1	54.0	114	108	70-130	6	25	
1,2,3-Trichloropropane	ug/L	50	53.1	50.0	106	100	70-130	6	25	
cis-1,4-Dichloro-2-butene	ug/L	50	53.0	50.0	106	100	60-130	6	25	
Isopropylbenzene (Cumene)	ug/L	50	53.0	49.6	106	99	70-130	7	25	
Bromobenzene	ug/L	50	56.3	54.7	113	109	70-130	3	25	
n-propylbenzene	ug/L	50	59.0	56.6	118	113	70-130	4	25	
2-Chlorotoluene	ug/L	50	57.3	54.9	115	110	70-130	4	25	
1,3,5-Trimethylbenzene	ug/L	50	59.1	56.6	118	113	70-130	4	25	
4-Chlorotoluene	ug/L	50	58.4	55.5	117	111	70-130	5	25	
tert-Butylbenzene	ug/L	50	57.9	55.7	116	111	70-130	4	25	
1,2,4-Trimethylbenzene	ug/L	50	58.3	56.8	117	114	70-130	3	25	
sec-Butylbenzene	ug/L	50	59.7	56.8	119	114	70-130	5	25	
1,3-Dichlorobenzene	ug/L	50	56.1	53.8	112	108	70-130	4	25	
1,4-Dichlorobenzene	ug/L	50	55.3	53.7	111	107	70-130	3	25	
4-Isopropyltoluene	ug/L	50	59.9	56.7	120	113	70-130	5	25	
1,2-Dichlorobenzene	ug/L	50	56.1	55.2	112	110	70-130	2	25	
n-Butylbenzene	ug/L	50	61.0	58.8	122	118	70-130	4	25	
1,2-DBC	ug/L	50	56.2	54.1	112	108	60-130	4	25	
1,2,4-Trichlorobenzene	ug/L	50	53.8	53.4	108	107	70-130	0.7	25	
Naphthalene	ug/L	50	52.3	51.3	105	103	70-130	2	25	
Hexachlorobutadiene	ug/L	50	60.2	57.0	120	114	70-130	5	25	
1,2,3-Trichlorobenzene	ug/L	50	58.7	57.5	117	115	70-130	2	25	
Xylenes- Total	ug/L	150	176	165	117	110	70-130	6	25	

SAMPLE DUPLICATE: 290537

Original: 2387496001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	39.5		0.3	25	

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QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

SAMPLE DUPLICATE: 290537

Original: 2387496001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Toluene d8 (S)	%	40.2		1	25	
4-Bromofluorobenzene (S)	%	40		0.7	25	
Dichlorodifluoromethane	ug/L		U	0		
Chloromethane	ug/L		U	0		
Vinyl chloride	ug/L		U	0		
Bromomethane	ug/L		U	0		
Chloroethane	ug/L		U	0		
Trichlorofluoromethane	ug/L		U	0		
Acrolein	ug/L		U	0		
Acetone	ug/L		U	0		
1,1-Dichloroethene	ug/L		U	0		
Iodomethane	ug/L		U	0		
Acrylonitrile	ug/L		U	0		
Methylene chloride	ug/L		U	0		
Carbon disulfide	ug/L		U	0		
trans-1,2-Dichloroethene	ug/L		U	0		
tert-Butyl methyl ether (MTBE)	ug/L	U	U	0	25	
1,1-Dichloroethane	ug/L		U	0		
Vinyl acetate	ug/L		U	0		
Methyl ethyl ketone (MEK)	ug/L		U	0		
cis-1,2-Dichloroethene	ug/L		U	0		
Bromochloromethane	ug/L		U	0		
Chloroform	ug/L		U	0		
2,2-Dichloropropane	ug/L		U	0		
1,2-Dichloroethane	ug/L		U	0		
1,1,1-Trichloroethane	ug/L		U	0		
1,1-Dichloropropene	ug/L		U	0		
Carbon tetrachloride	ug/L		U	0		
Benzene	ug/L	U	U	0	25	
Dibromomethane	ug/L		U	0		
1,2-Dichloropropane	ug/L		U	0		
Trichloroethene	ug/L		U	0		
Bromodichloromethane	ug/L		U	0		
cis-1,3-Dichloropropene	ug/L		U	0		
4-methyl-2-pentanone	ug/L		U	0		
trans-1,3-Dichloropropene	ug/L		U	0		
1,1,2-Trichloroethane	ug/L		U	0		
Toluene	ug/L	U	U	0	25	
1,3-Dichloropropane	ug/L		U	0		
Ethyl methacrylate	ug/L		U	0		
Dibromochloromethane	ug/L		U	0		
2-Hexanone	ug/L		U	0		
1,2-Dibromoethane (EDB)	ug/L		U	0		



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

SAMPLE DUPLICATE: 290537

Original: 2387496001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/L		U	0		
1,1,1,2-Tetrachloroethane	ug/L		U	0		
Chlorobenzene	ug/L		U	0		
Ethylbenzene	ug/L	U	U	0	25	
m & p-xylene	ug/L	U	U	0	25	
Bromoform	ug/L		U	0		
t-1,4-Dichloro-2-butene	ug/L		U	0		
Styrene	ug/L		U	0		
1,1,2,2-Tetrachloroethane	ug/L		U	0		
o-Xylene	ug/L	U	U	0	25	
1,2,3-Trichloropropane	ug/L		U	0		
cis-1,4-Dichloro-2-butene	ug/L		U	0		
Isopropylbenzene (Cumene)	ug/L		U	0		
Bromobenzene	ug/L		U	0		
n-propylbenzene	ug/L		U	0		
2-Chlorotoluene	ug/L		U	0		
1,3,5-Trimethylbenzene	ug/L		U	0		
4-Chlorotoluene	ug/L		U	0		
tert-Butylbenzene	ug/L		U	0		
1,2,4-Trimethylbenzene	ug/L		U	0		
sec-Butylbenzene	ug/L		U	0		
1,3-Dichlorobenzene	ug/L		U	0		
1,4-Dichlorobenzene	ug/L		U	0		
4-Isopropyltoluene	ug/L		U	0		
1,2-Dichlorobenzene	ug/L		U	0		
n-Butylbenzene	ug/L		U	0		
1,2-DBCP	ug/L		U	0		
1,2,4-Trichlorobenzene	ug/L		U	0		
Naphthalene	ug/L		U	0		
Hexachlorobutadiene	ug/L		U	0		
1,2,3-Trichlorobenzene	ug/L		U	0		
Xylenes- Total	ug/L	U	U	0	25	

SAMPLE DUPLICATE: 290615

Original: 2387512001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	39.5		0.5	25	
Toluene d8 (S)	%	40		1	25	
4-Bromofluorobenzene (S)	%	39.1		1	25	
Dichlorodifluoromethane	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

SAMPLE DUPLICATE: 290615

Original: 2387512001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chloromethane	ug/L	U	U	0	25	
Vinyl chloride	ug/L	U	U	0	25	
Bromomethane	ug/L	U	U	0	25	
Chloroethane	ug/L	U	U	0	25	
Trichlorofluoromethane	ug/L	U	U	0	25	
Acrolein	ug/L	U	U	0	25	
Acetone	ug/L	U	U	0	25	
1,1-Dichloroethene	ug/L	U	U	0	25	
Iodomethane	ug/L	U	U	0	25	
Acrylonitrile	ug/L	U	U	0	25	
Methylene chloride	ug/L	U	U	0	25	
Carbon disulfide	ug/L	U	U	0	25	
trans-1,2-Dichloroethene	ug/L	U	U	0	25	
tert-Butyl methyl ether (MTBE)	ug/L	U	U	0	25	
1,1-Dichloroethane	ug/L	U	U	0	25	
Vinyl acetate	ug/L	U	U	0	25	
Methyl ethyl ketone (MEK)	ug/L	U	U	0	25	
cis-1,2-Dichloroethene	ug/L	U	U	0	25	
Bromochloromethane	ug/L	U	U	0	25	
Chloroform	ug/L	U	U	0	25	
2,2-Dichloropropane	ug/L	U	U	0	25	
1,2-Dichloroethane	ug/L	U	U	0	25	
1,1,1-Trichloroethane	ug/L	U	U	0	25	
1,1-Dichloropropene	ug/L	U	U	0	25	
Carbon tetrachloride	ug/L	U	U	0	25	
Benzene	ug/L	U	U	0	25	
Dibromomethane	ug/L	U	U	0	25	
1,2-Dichloropropane	ug/L	U	U	0	25	
Trichloroethene	ug/L	U	U	0	25	
Bromodichloromethane	ug/L	U	U	0	25	
cis-1,3-Dichloropropene	ug/L	U	U	0	25	
4-methyl-2-pentanone	ug/L	U	U	0	25	
trans-1,3-Dichloropropene	ug/L	U	U	0	25	
1,1,2-Trichloroethane	ug/L	U	U	0	25	
Toluene	ug/L	U	U	0	25	
1,3-Dichloropropane	ug/L	U	U	0	25	
Ethyl methacrylate	ug/L	U	U	0	25	
Dibromochloromethane	ug/L	U	U	0	25	
2-Hexanone	ug/L	U	U	0	25	
1,2-Dibromoethane (EDB)	ug/L	U	U	0	25	
Tetrachloroethene	ug/L	U	U	0	25	
1,1,1,2-Tetrachloroethane	ug/L	U	U	0	25	
Chlorobenzene	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

SAMPLE DUPLICATE: 290615

Original: 2387512001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Ethylbenzene	ug/L	U	U	0	25	
m & p-xylene	ug/L	U	U	0	25	
Bromoform	ug/L	U	U	0	25	
t-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Styrene	ug/L	U	U	0	25	
1,1,2,2-Tetrachloroethane	ug/L	U	U	0	25	
o-Xylene	ug/L	U	U	0	25	
1,2,3-Trichloropropane	ug/L	U	U	0	25	
cis-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Isopropylbenzene (Cumene)	ug/L	U	U	0	25	
Bromobenzene	ug/L	U	U	0	25	
n-propylbenzene	ug/L	U	U	0	25	
2-Chlorotoluene	ug/L	U	U	0	25	
1,3,5-Trimethylbenzene	ug/L	U	U	0	25	
4-Chlorotoluene	ug/L	U	U	0	25	
tert-Butylbenzene	ug/L	U	U	0	25	
1,2,4-Trimethylbenzene	ug/L	U	U	0	25	
sec-Butylbenzene	ug/L	U	U	0	25	
1,3-Dichlorobenzene	ug/L	U	U	0	25	
1,4-Dichlorobenzene	ug/L	U	U	0	25	
4-Isopropyltoluene	ug/L	U	U	0	25	
1,2-Dichlorobenzene	ug/L	U	U	0	25	
n-Butylbenzene	ug/L	U	U	0	25	
1,2-DBCP	ug/L	U	U	0	25	
1,2,4-Trichlorobenzene	ug/L	U	U	0	25	
Naphthalene	ug/L	U	U	0	25	
Hexachlorobutadiene	ug/L	U	U	0	25	
1,2,3-Trichlorobenzene	ug/L	U	U	0	25	
Xylenes- Total	ug/L	U	U	0	25	



QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

QC Batch:	MXX/15607	Analysis Method:		EPA 200.8 (Total)		
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387492008	2387492009	2387506001	2387506002	2387511002	2387511003
	2387511004	2387534001	2387534002	2387536001	2387536002	2387536003
	2387536005	2387536006	2387558002			

METHOD BLANK: 290852

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 290853 290854

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	51	53	102	106	85-115	3.85	20	
Arsenic	ug/L	50	50	52	99.1	103	85-115	3.92	20	
Selenium	ug/L	50	54	53	108	106	85-115	1.87	20	
Silver	ug/L	50	51	52	102	103	85-115	1.94	20	
Cadmium	ug/L	50	49	49	97.4	98.1	85-115	0	20	
Barium	ug/L	50	49	50	97.5	99.5	85-115	2.02	20	
Mercury	ug/L	5	5.0	5.1	99.3	102	85-115	1.98	20	
Lead	ug/L	50	50	51	99.1	101	85-115	1.98	20	

MATRIX SPIKE SAMPLE: 290858 Original: 2387492009

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	0.52	50	50	98.4	70-130	
Arsenic	ug/L	4.3	50	54	99.7	70-130	
Selenium	ug/L	0	50	51	101	70-130	
Silver	ug/L	0.028	50	39	78.6	70-130	
Cadmium	ug/L	0.028	50	48	96.6	70-130	
Barium	ug/L	21	50	73	103	70-130	
Mercury	ug/L	0.052	20	20	100	70-130	

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QUALITY CONTROL DATA

Workorder: 2387511

Project ID: Triangle

MATRIX SPIKE SAMPLE: 290858

Original: 2387492009

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	0.12	50	50	99.9	70-130	

SAMPLE DUPLICATE: 290857

Original: 2387492009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	U	U	0	20	
Arsenic	ug/L	4.3	4.7	8.89	20	
Selenium	ug/L	U	U	0	20	
Silver	ug/L	U	U	0	20	P1
Cadmium	ug/L	U	U	0	20	P1
Barium	ug/L	21	21	0	20	
Mercury	ug/L	U	U	0	20	
Lead	ug/L	U	U	0	20	



QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387511

Project ID: Triangle

QUALITY CONTROL PARAMETER QUALIFIERS

- J1 Surrogate recovery was outside defined limits.
- J3a LCS value exceeded accuracy control limits which could bias high sample results; however, sample data is non detect and was not impacted.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387511

Project ID: Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387511001	TMW-3C	EPA 3510C SIM	XXX/17750	EPA 8270/PAH SIM	XMS/8957
2387511002	TMW-6	EPA 3510C SIM	XXX/17750	EPA 8270/PAH SIM	XMS/8957
2387511003	DUP-Triangle	EPA 3510C SIM	XXX/17750	EPA 8270/PAH SIM	XMS/8957
2387511004	FB-Triangle	EPA 3510C SIM	XXX/17750	EPA 8270/PAH SIM	XMS/8957
2387511002	TMW-6	EPA 3510C	XXX/17751	FL-PRO (GC)	XGCP/6178
2387511003	DUP-Triangle	EPA 3510C	XXX/17751	FL-PRO (GC)	XGCP/6178
2387511004	FB-Triangle	EPA 3510C	XXX/17751	FL-PRO (GC)	XGCP/6178
2387511002	TMW-6	EPA 5030B	VXX/11909	EPA 8260C	VMS/11733
2387511003	DUP-Triangle	EPA 5030B	VXX/11909	EPA 8260C	VMS/11733
2387511004	FB-Triangle	EPA 5030B	VXX/11909	EPA 8260C	VMS/11733
2387511002	TMW-6	EPA 200.2 mod.	MXX/15607	EPA 200.8 (Total)	MMS/13865
2387511003	DUP-Triangle	EPA 200.2 mod.	MXX/15607	EPA 200.8 (Total)	MMS/13865
2387511004	FB-Triangle	EPA 200.2 mod.	MXX/15607	EPA 200.8 (Total)	MMS/13865



Company Name <u>Stantec</u>						LAB ANALYSIS										Requested Turnaround Time					
Address <u>380 Park Place Blvd</u>						Parameters	Pres Codes	Field Filtered (Y/N)											Note: Rush requests subject to acceptance by the laboratory		
City <u>Clearwater</u> State <u>FL</u> Zip <u>33759</u>																			<input checked="" type="checkbox"/> Standard		
Sampling Site Address <u>HomeLead, FL</u>																			<input type="checkbox"/> Expedited		
Attn: <u>Kevin Yue</u> Email <u>Kevin.Yue@stantec.com</u>																			Due <u> </u> / <u> </u> / <u> </u>		
Project Name <u>Triangle</u> Project # _____																Comments					
Sampler Name/Signature <u>Alex Jones</u>																					
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	PAH 8276	RCEA metals ①	VOC 8260 Full List	TRPH FL90												
1	TMW-3C	9/8/23	1251	GW	2	X															① 8 RCRA per client email ROJ 9/11/23
2	TMW-6	9/8/23	1348	GW	8	X	X	X	X												
3	DUP-Triangle	9/8/23	—	GW	8	X	X	X	X												
4	FB-Triangle	9/8/23	1400	GW	8	X	X	X	X												
5																					
6																					
7																					
8																					
9																					
0																					

Matrix Codes*		Pres Codes		Relinquished by	Date	Time	Received by	Date	Time	
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	Alex Jones / Stantec	9/8	4:20	Alex Jones	9/8/23	4:20	
GW Ground Water	SL Sludge	B- HNO ₃	O- Other		9/8/23	17:39		Alex Jones	9/8/23	17:39
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH		9/8/23	19:20	Alex Jones		9/8/23	19:20
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₈							
		E- HCl	Z- ZnAc							

QA/QC level with report
 None 1 2 3 See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 2.5 °C

Sample Receiving

From: Sample Receiving
Sent: Monday, September 11, 2023 1:57 PM
To: 'Yue, Kevin'
Cc: Client Services; 'Urgiles, Victor'; 'Jones, Alexander (Clearwater)'
Subject: RE: Triangle - Please confirm analysis

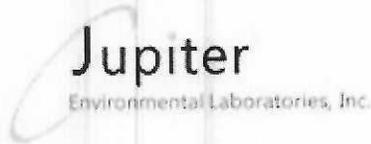
Thanks! We will update this.

Best Regards,

Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)

NELAP . DoD ELAP . ISO 17025 . WMBE

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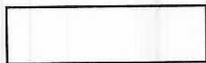
From: Yue, Kevin [mailto:Kevin.Yue@stantec.com]
Sent: Monday, September 11, 2023 1:56 PM
To: Sample Receiving <samlereceiving@jupiterlabs.com>
Cc: Client Services <clientservices@jupiterlabs.com>; Urgiles, Victor <victor.urgiles@stantec.com>; Jones, Alexander (Clearwater) <alexander.jones@stantec.com>
Subject: RE: Triangle - Please confirm analysis

RCRA 8 Metals, please.

Kevin Yue PE, CEP
Senior Environmental Engineer

Direct: 239 263-6421
Mobile: 239-409-1323
Kevin.Yue@stantec.com

Stantec
3510 Kraft Road Suite 200
Naples FL 34105-5029



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From: Sample Receiving <samlereceiving@jupiterlabs.com>

Sent: Monday, September 11, 2023 1:52 PM

To: Yue, Kevin <Kevin.Yue@stantec.com>

Cc: Client Services <clientservices@jupiterlabs.com>; Urgiles, Victor <victor.urgiles@stantec.com>; Jones, Alexander (Clearwater) <alexander.jones@stantec.com>

Subject: RE: Triangle - Please confirm analysis

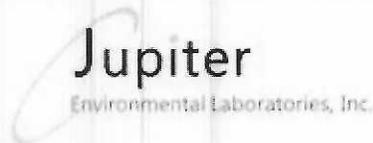
Thank you for your response, we will run your sample for 'PAH List by 8270' (using 250ml container). Can you please also specify which metals you want run on your samples? On the COC it is written as RCRA, did you mean to write 8RCRA or 4RCRA?

Best Regards,

Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)

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From: Yue, Kevin [mailto:Kevin.Yue@stantec.com]

Sent: Monday, September 11, 2023 10:21 AM

To: Sample Receiving <samlereceiving@jupiterlabs.com>

Cc: Client Services <clientservices@jupiterlabs.com>; Urgiles, Victor <victor.urgiles@stantec.com>; Jones, Alexander (Clearwater) <alexander.jones@stantec.com>

Subject: RE: Triangle - Please confirm analysis

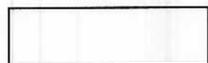
Good morning,

We need 8270 PAHs, please.

Kevin Yue PE, CEP
Senior Environmental Engineer

Direct: 239 263-6421
Mobile: 239-409-1323
Kevin.Yue@stantec.com

Stantec
3510 Kraft Road Suite 200
Naples FL 34105-5029



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From: Sample Receiving <samplereceiving@jupiterlabs.com>
Sent: Monday, September 11, 2023 10:03 AM
To: Yue, Kevin <Kevin.Yue@stantec.com>
Cc: Client Services <clientservices@jupiterlabs.com>
Subject: Triangle - Please confirm analysis

Good morning,

We have received your samples for the following project 'Triangle'. We received an 1L Amber glass container and a 250ml Amber glass container for all four samples but you have only requested 'PAH 8270', can you please confirm if you need '8270 Full List' (uses 1L amber glass), 'PAH' (uses 250ml amber glass) , or both?

Also can you please provide us with a collection time for sample #3 (DUP-Triangle)? Would it be the same time (14:00) as sample #4, FB-Triangle? I have attached the COC for reference.

Thank you!

Best Regards,

Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)

NELAP . DoD ELAP . ISO 17025 . WMBE

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Jupiter

Environmental Laboratories, Inc.

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Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

Sample Receiving

From: Sample Receiving
Sent: Monday, September 11, 2023 1:53 PM
To: 'Jones, Alexander (Clearwater)'; 'Urgiles, Victor'; 'Yue, Kevin'
Cc: Client Services; 'Gonzalez, Enrico'
Subject: RE: Triangle - Please confirm analysis

Received, thank you for your response. In that case, we will put no collection time for the blind duplicate.

Thanks!

Best Regards,

Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)

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From: Jones, Alexander (Clearwater) [mailto:alexander.jones@stantec.com]
Sent: Monday, September 11, 2023 11:12 AM
To: Urgiles, Victor <victor.urgiles@stantec.com>; Yue, Kevin <Kevin.Yue@stantec.com>; Sample Receiving <samplerceiving@jupiterlabs.com>
Cc: Client Services <clientservices@jupiterlabs.com>; Gonzalez, Enrico <enrico.gonzalez@stantec.com>
Subject: RE: Triangle - Please confirm analysis

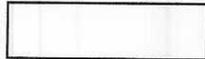
Hello,

Yes Victor is correct. It is a blind duplicate.

Thanks,

Alexander Jones, GIT
Staff Geologist
Direct: 727 431-1522
Mobile: 813 919-5066
alexander.jones@stantec.com

Stantec
380 Park Place Boulevard Suite 300
Clearwater FL 33759-4928



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From: Urgiles, Victor <victor.urgiles@stantec.com>
Sent: Monday, September 11, 2023 10:25 AM
To: Yue, Kevin <Kevin.Yue@stantec.com>; Sample Receiving <samplerereceiving@jupiterlabs.com>
Cc: Client Services <clientservices@jupiterlabs.com>; Jones, Alexander (Clearwater) <alexander.jones@stantec.com>; Gonzalez, Enrico <enrico.gonzalez@stantec.com>
Subject: Re: Triangle - Please confirm analysis

Hello,

The duplicate is a blind duplicate for project qa/qc if I'm not mistaken. Alex/Rico can you please confirm.

Thank you,

Get [Outlook for iOS](#)

From: Yue, Kevin <Kevin.Yue@stantec.com>
Sent: Monday, September 11, 2023 10:23 AM
To: Sample Receiving <samplerereceiving@jupiterlabs.com>
Cc: Client Services <clientservices@jupiterlabs.com>; Urgiles, Victor <victor.urgiles@stantec.com>; Jones, Alexander (Clearwater) <alexander.jones@stantec.com>
Subject: RE: Triangle - Please confirm analysis

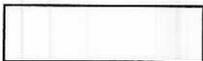
Sorry, forgot about the second question. The duplicate should be 14:00.

Alex/Victor, please confirm.

Kevin Yue PE, CEP
Senior Environmental Engineer

Direct: 239 263-6421
Mobile: 239-409-1323
Kevin.Yue@stantec.com

Stantec
3510 Kraft Road Suite 200
Naples FL 34105-5029



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Please consider the environment before printing this email.

From: Sample Receiving <samplerereceiving@jupiterlabs.com>
Sent: Monday, September 11, 2023 10:03 AM
To: Yue, Kevin <Kevin.Yue@stantec.com>
Cc: Client Services <clientservices@jupiterlabs.com>
Subject: Triangle - Please confirm analysis

Good morning,

We have received your samples for the following project 'Triangle'. We received an 1L Amber glass container and a 250ml Amber glass container for all four samples but you have only requested 'PAH 8270', can you please confirm if you need '8270 Full List' (uses 1L amber glass), 'PAH' (uses 250ml amber glass) , or both?

Also can you please provide us with a collection time for sample #3 (DUP-Triangle)? Would it be the same time (14:00) as sample #4, FB-Triangle? I have attached the COC for reference.

Thank you!

Best Regards,

Sample Custodian | Sample Receiving | www.jupiterlabs.com | 561-575-0030 (ext. 3015)

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG: 2387511	Profile: 4527
Client: Stantec	Project: K. Yve
Level: 1	Date Rec'd: 9/8/2023 7:20:00 PM
Rec'd via: courier	

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape Present	Intact	Comments	Temp Gun ID
	2.5	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	Yes	Written on Internal COC?	No
pH Strip Lot #	HC312501	Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #	25371,22633	Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)		COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	No
Number of Encores	0	Number of Lab Filtered Metals	0

Samples Labeled by KS o 9/11/2023 Labels Confirmed by AOJ o 9/11/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
-----------	-----	----------	----------

October 13, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387933
Project ID: Homestead Triangle

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, October 05, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

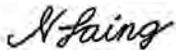
Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Nicole Laing for
Kacia Baldwin
kaciab@jupiterlabs.com

SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933001	SB-7N (0-0.5)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933002	SB-7N (0.5-2)	EPA 6020	8
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933003	SB-7N (2-4)	EPA 6020	8
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933004	SB-7 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933005	SB-7 (0.5-2)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933006	SB-7 (2-4)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933007	SB-7E (0-0.5)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933007	SB-7E (0-0.5)	SM 2540G	1
2387933008	SB-7E (0.5-2)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933009	SB-7E (2-4)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933010	SB-7S (0-0.5)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933011	SB-7S (0.5-2)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933012	SB-7S (2-4)	EPA 6020	8
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933013	SB-7W (0-0.5)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933014	SB-7W (0.5-2)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933014	SB-7W (0.5-2)	FL-PRO (GC)	3
		SM 2540G	1
2387933015	SB-7W (2-4)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933016	SB-6N-1 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933017	SB-6E-1 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933018	SB-6S-1 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933019	SB-6W-1 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933020	SB-6W-2 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933021	SB-6S-2 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933022	SB-5N-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933023	SB-5N-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933024	SB-5E-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933025	SB-5E-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933026	SB-5W-1 (0-0.5)	EPA 6020	8



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933026	SB-5W-1 (0-0.5)	SM 2540G	1
2387933027	SB-5W-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933028	SB-5W-3 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933029	SB-5W-4 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933030	SB-5S-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933031	SB-5S-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933032	7N	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933033	7	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933034	7E	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933035	7S	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933036	SB-4N-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933037	SB-4N-2 (0-0.5)	EPA 6020	8



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933037	SB-4N-2 (0-0.5)	SM 2540G	1
2387933038	SB-4E-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933039	SB-4E-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933040	SB-4S-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933041	SB-4S-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933042	SB-4W-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933043	SB-4W-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933044	SB-4W-3 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933045	SB-4W-4 (0-0.5)	EPA 6020	8
		SM 2540G	1

CERTIFICATE OF ANALYSIS



SAMPLE SUMMARY

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387933001	SB-7N (0-0.5)	Soil/Solid	10/4/2023 09:20	10/5/2023 19:55
2387933002	SB-7N (0.5-2)	Soil/Solid	10/4/2023 09:25	10/5/2023 19:55
2387933003	SB-7N (2-4)	Soil/Solid	10/4/2023 09:30	10/5/2023 19:55
2387933004	SB-7 (0-0.5)	Soil/Solid	10/4/2023 10:10	10/5/2023 19:55
2387933005	SB-7 (0.5-2)	Soil/Solid	10/4/2023 10:15	10/5/2023 19:55
2387933006	SB-7 (2-4)	Soil/Solid	10/4/2023 10:20	10/5/2023 19:55
2387933007	SB-7E (0-0.5)	Soil/Solid	10/4/2023 10:50	10/5/2023 19:55
2387933008	SB-7E (0.5-2)	Soil/Solid	10/4/2023 10:55	10/5/2023 19:55
2387933009	SB-7E (2-4)	Soil/Solid	10/4/2023 11:00	10/5/2023 19:55
2387933010	SB-7S (0-0.5)	Soil/Solid	10/4/2023 11:25	10/5/2023 19:55
2387933011	SB-7S (0.5-2)	Soil/Solid	10/4/2023 11:30	10/5/2023 19:55
2387933012	SB-7S (2-4)	Soil/Solid	10/4/2023 11:35	10/5/2023 19:55
2387933013	SB-7W (0-0.5)	Soil/Solid	10/4/2023 12:05	10/5/2023 19:55
2387933014	SB-7W (0.5-2)	Soil/Solid	10/4/2023 12:10	10/5/2023 19:55
2387933015	SB-7W (2-4)	Soil/Solid	10/4/2023 12:15	10/5/2023 19:55
2387933016	SB-6N-1 (0-0.5)	Soil/Solid	10/4/2023 12:40	10/5/2023 19:55
2387933017	SB-6E-1 (0-0.5)	Soil/Solid	10/4/2023 12:50	10/5/2023 19:55
2387933018	SB-6S-1 (0-0.5)	Soil/Solid	10/4/2023 13:00	10/5/2023 19:55
2387933019	SB-6W-1 (0-0.5)	Soil/Solid	10/4/2023 13:10	10/5/2023 19:55
2387933020	SB-6W-2 (0-0.5)	Soil/Solid	10/4/2023 13:20	10/5/2023 19:55
2387933021	SB-6S-2 (0-0.5)	Soil/Solid	10/4/2023 13:30	10/5/2023 19:55
2387933022	SB-5N-1 (0-0.5)	Soil/Solid	10/4/2023 13:40	10/5/2023 19:55
2387933023	SB-5N-2 (0-0.5)	Soil/Solid	10/4/2023 13:50	10/5/2023 19:55
2387933024	SB-5E-1 (0-0.5)	Soil/Solid	10/4/2023 14:00	10/5/2023 19:55
2387933025	SB-5E-2 (0-0.5)	Soil/Solid	10/4/2023 14:10	10/5/2023 19:55
2387933026	SB-5W-1 (0-0.5)	Soil/Solid	10/4/2023 14:20	10/5/2023 19:55
2387933027	SB-5W-2 (0-0.5)	Soil/Solid	10/4/2023 14:30	10/5/2023 19:55
2387933028	SB-5W-3 (0-0.5)	Soil/Solid	10/4/2023 14:40	10/5/2023 19:55
2387933029	SB-5W-4 (0-0.5)	Soil/Solid	10/4/2023 14:50	10/5/2023 19:55
2387933030	SB-5S-1 (0-0.5)	Soil/Solid	10/4/2023 15:00	10/5/2023 19:55
2387933031	SB-5S-2 (0-0.5)	Soil/Solid	10/4/2023 15:10	10/5/2023 19:55
2387933032	7N	Aqueous Liquid	10/4/2023 09:45	10/5/2023 19:55
2387933033	7	Aqueous Liquid	10/4/2023 10:30	10/5/2023 19:55
2387933034	7E	Aqueous Liquid	10/4/2023 11:15	10/5/2023 19:55
2387933035	7S	Aqueous Liquid	10/4/2023 11:50	10/5/2023 19:55

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SAMPLE SUMMARY

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387933036	SB-4N-1 (0-0.5)	Soil/Solid	10/5/2023 09:10	10/5/2023 19:55
2387933037	SB-4N-2 (0-0.5)	Soil/Solid	10/5/2023 09:20	10/5/2023 19:55
2387933038	SB-4E-1 (0-0.5)	Soil/Solid	10/5/2023 09:30	10/5/2023 19:55
2387933039	SB-4E-2 (0-0.5)	Soil/Solid	10/5/2023 09:40	10/5/2023 19:55
2387933040	SB-4S-1 (0-0.5)	Soil/Solid	10/5/2023 09:50	10/5/2023 19:55
2387933041	SB-4S-2 (0-0.5)	Soil/Solid	10/5/2023 10:00	10/5/2023 19:55
2387933042	SB-4W-1 (0-0.5)	Soil/Solid	10/5/2023 10:10	10/5/2023 19:55
2387933043	SB-4W-2 (0-0.5)	Soil/Solid	10/5/2023 10:20	10/5/2023 19:55
2387933044	SB-4W-3 (0-0.5)	Soil/Solid	10/5/2023 10:30	10/5/2023 19:55
2387933045	SB-4W-4 (0-0.5)	Soil/Solid	10/5/2023 10:40	10/5/2023 19:55



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0-0.5)** Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.851	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
2-Methylnaphthalene	U	mg/Kg	0.851	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Acenaphthene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Acenaphthylene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Anthracene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(a)anthracene	0.205i	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(a)pyrene	0.161i	mg/Kg	0.255	0.039	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(b)fluoranthene	0.239i	mg/Kg	0.255	0.055	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(g,h,i)perylene	0.305	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(k)fluoranthene	0.110i	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Chrysene	0.186i	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Dibenzo(a,h)anthracene	0.051i	mg/Kg	0.255	0.021	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Nitrobenzene-d5 (S)	82	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Fluoranthene	0.385i	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Fluorene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Indeno(1,2,3-cd)pyrene	0.329	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Naphthalene	U	mg/Kg	0.851	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Phenanthrene	U	mg/Kg	0.426	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Pyrene	0.269i	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
2-Fluorobiphenyl (S)	87	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
p-Terphenyl-d14 (S)	73	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00313	0.000938	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00313	0.000860	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
Toluene d8 (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00313	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00313	0.000797	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1-Dichloroethane	U	mg/Kg	0.00313	0.00122	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1-Dichloroethene	U	mg/Kg	0.00313	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1-Dichloropropene	U	mg/Kg	0.00313	0.000735	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00156	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00469	0.00188	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00313	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0-0.5)** Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00313	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-DBCp		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00313	0.000750	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dichloroethane		U mg/Kg	0.00313	0.00131	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dichloropropane		U mg/Kg	0.00313	0.000938	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,3-Dichloropropane		U mg/Kg	0.00313	0.000703	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
2,2-Dichloropropane		U mg/Kg	0.00313	0.000828	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
2-Chlorotoluene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
2-Hexanone		U mg/Kg	0.00469	0.00180	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
4-Chlorotoluene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
4-Isopropyltoluene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00313	0.000844	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Acetone		U mg/Kg	0.016	0.00486	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Acrolein		U mg/Kg	0.016	0.00728	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Acrylonitrile		U mg/Kg	0.031	0.012	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Benzene		U mg/Kg	0.00313	0.000719	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromochloromethane		U mg/Kg	0.00469	0.00173	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromodichloromethane		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromoform		U mg/Kg	0.00313	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromomethane		U mg/Kg	0.00469	0.00234	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Carbon disulfide		U mg/Kg	0.00625	0.00313	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Carbon tetrachloride		U mg/Kg	0.00313	0.000844	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chlorobenzene		U mg/Kg	0.00313	0.000672	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chloroethane		U mg/Kg	0.00313	0.000907	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chloromethane		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Dibromochloromethane		U mg/Kg	0.00313	0.000891	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Dibromomethane		U mg/Kg	0.00313	0.00178	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00313	0.000875	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Ethyl methacrylate		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Ethylbenzene		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Hexachlorobutadiene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Iodomethane		U mg/Kg	0.00781	0.00313	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.016	0.00227	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Methylene chloride		U mg/Kg	0.023	0.016	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Naphthalene		U mg/Kg	0.016	0.00781	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0-0.5)** Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Tetrachloroethene		U mg/Kg	0.00313	0.000703	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Toluene		U mg/Kg	0.00313	0.00133	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Trichloroethene		U mg/Kg	0.00313	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Trichlorofluoromethane		U mg/Kg	0.00313	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Vinyl acetate		U mg/Kg	0.00313	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Vinyl chloride		U mg/Kg	0.00313	0.00153	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Xylenes- Total		U mg/Kg	0.00313	0.00155	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00313	0.000688	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00313	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
m & p-xylene	0.00105i	mg/Kg	0.00313	0.00100	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
n-Butylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
n-propylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
o-Xylene		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
sec-Butylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00469	0.00173	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
tert-Butylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00313	0.00139	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00313	0.000688	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.3 %	0.1	1	10/6/2023 09:53	CT				

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	60 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 19:59	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	76 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 19:59	BFM		
Florida Pro Total	349 mg/Kg	246	81.9	5	10/6/2023 15:03	NI	10/9/2023 19:59	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	36 mg/Kg	1.4	0.28	2	10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Arsenic	5.8 mg/Kg	0.65	0.11	2	10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Selenium	U mg/Kg	1.3	0.61	2	10/9/2023 12:44	ECW	10/9/2023 14:38	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7N (0-0.5)**

Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver	0.80	mg/Kg	0.65	0.39	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Cadmium	6.3	mg/Kg	0.65	0.12	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Barium	120	mg/Kg	1.4	0.28	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Mercury	0.73i	mg/Kg	0.79	0.16	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Lead	790	mg/Kg	0.65	0.10	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.859	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
2-Methylnaphthalene	U	mg/Kg	0.859	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Acenaphthene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Acenaphthylene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Anthracene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(a)anthracene	0.117i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(a)pyrene	0.078i	mg/Kg	0.258	0.040	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(b)fluoranthene	0.107i	mg/Kg	0.258	0.056	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(g,h,i)perylene	0.069i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Chrysene	0.111i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.258	0.021	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Nitrobenzene-d5 (S)	81	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Fluoranthene	0.297i	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Fluorene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Indeno(1,2,3-cd)pyrene	0.088i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Naphthalene	U	mg/Kg	0.859	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Phenanthrene	U	mg/Kg	0.430	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Pyrene	0.173i	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
2-Fluorobiphenyl (S)	76	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
p-Terphenyl-d14 (S)	69	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.253	0.076	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
Dibromofluoromethane (S)	93	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.253	0.070	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
Toluene d8 (S)	94	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.253	0.061	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
4-Bromofluorobenzene (S)	93	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.253	0.065	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1-Dichloroethane	U	mg/Kg	0.253	0.099	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1-Dichloroethene	U	mg/Kg	0.253	0.114	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1-Dichloropropene	U	mg/Kg	0.253	0.060	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.127	0.018	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.380	0.152	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.253	0.028	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene	U	mg/Kg	0.253	0.034	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-DBCP	U	mg/Kg	0.253	0.027	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dibromoethane (EDB)	U	mg/Kg	0.253	0.061	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dichlorobenzene	U	mg/Kg	0.253	0.037	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dichloroethane	U	mg/Kg	0.253	0.106	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dichloropropane	U	mg/Kg	0.253	0.076	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,3,5-Trimethylbenzene	U	mg/Kg	0.253	0.027	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,3-Dichlorobenzene	U	mg/Kg	0.253	0.039	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,3-Dichloropropane	U	mg/Kg	0.253	0.057	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,4-Dichlorobenzene	U	mg/Kg	0.253	0.043	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
2,2-Dichloropropane	U	mg/Kg	0.253	0.067	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
2-Chlorotoluene	U	mg/Kg	0.253	0.047	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
2-Hexanone	U	mg/Kg	0.380	0.146	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
4-Chlorotoluene	U	mg/Kg	0.253	0.041	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
4-Isopropyltoluene	U	mg/Kg	0.253	0.030	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
4-methyl-2-pentanone	U	mg/Kg	0.253	0.068	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Acetone	U	mg/Kg	1.27	0.394	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Acrolein	U	mg/Kg	1.27	0.590	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Acrylonitrile	U	mg/Kg	2.53	0.951	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Benzene	U	mg/Kg	0.253	0.058	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromobenzene	U	mg/Kg	0.253	0.047	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromochloromethane	U	mg/Kg	0.380	0.141	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromodichloromethane	U	mg/Kg	0.253	0.046	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromoform	U	mg/Kg	0.253	0.095	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromomethane	U	mg/Kg	0.380	0.190	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Carbon disulfide	U	mg/Kg	0.253	0.091	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Carbon tetrachloride	U	mg/Kg	0.253	0.068	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chlorobenzene	U	mg/Kg	0.253	0.054	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chloroethane	U	mg/Kg	0.253	0.073	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chloroform	U	mg/Kg	1.90	0.836	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chloromethane	U	mg/Kg	0.253	0.086	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Dibromochloromethane	U	mg/Kg	0.253	0.072	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Dibromomethane	U	mg/Kg	0.253	0.144	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Dichlorodifluoromethane	U	mg/Kg	0.253	0.047	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
cis-1,3-Dichloropropene	U	mg/Kg	0.253	0.071	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Ethyl methacrylate	U	mg/Kg	0.253	0.046	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Ethylbenzene	U	mg/Kg	0.253	0.042	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Hexachlorobutadiene	U	mg/Kg	0.253	0.028	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Iodomethane	U	mg/Kg	0.633	0.253	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Isopropylbenzene (Cumene)	U	mg/Kg	0.253	0.042	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Methyl ethyl ketone (MEK)	U	mg/Kg	1.27	0.184	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Methylene chloride	U	mg/Kg	1.90	1.27	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Naphthalene	U	mg/Kg	1.27	0.633	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.253	0.039	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Tetrachloroethene		U mg/Kg	0.253	0.057	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Toluene		U mg/Kg	0.253	0.051	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Trichloroethene		U mg/Kg	0.253	0.099	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Trichlorofluoromethane		U mg/Kg	0.253	0.095	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Vinyl acetate		U mg/Kg	0.253	0.104	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Vinyl chloride		U mg/Kg	0.253	0.124	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Xylenes- Total		U mg/Kg	0.253	0.125	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.253	0.056	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.253	0.118	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
m & p-xylene		U mg/Kg	0.253	0.081	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
n-Butylbenzene		U mg/Kg	0.253	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
n-propylbenzene		U mg/Kg	0.253	0.038	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
o-Xylene		U mg/Kg	0.253	0.044	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
sec-Butylbenzene		U mg/Kg	0.253	0.029	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	2.53	0.897	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.380	0.141	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
tert-Butylbenzene		U mg/Kg	0.253	0.037	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.253	0.113	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.253	0.056	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	75.6 %	0.1	1	10/6/2023 10:03	CT				

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545							
			Analytical Method: FL-PRO (GC)							
o-Terphenyl (S)	69 %	66-136	5 10/6/2023 15:03	NI	10/9/2023 19:59	BFM				

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545							
			Analytical Method: FL-PRO (GC)							
Nonatriacontane (S)	88 %	36-132	5 10/6/2023 15:03	NI	10/9/2023 19:59	BFM				
Florida Pro Total	U mg/Kg	248	82.7	5 10/6/2023 15:03	NI	10/9/2023 19:59	BFM			

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)							
			Analytical Method: EPA 6020							
Chromium	33 mg/Kg	1.4	0.29	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB			
Arsenic	2.8 mg/Kg	0.66	0.11	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB			
Selenium	0.65i mg/Kg	1.3	0.62	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB			



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7N (0.5-2)**

Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.66	0.40	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Cadmium	1.1	mg/Kg	0.66	0.12	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Barium	57	mg/Kg	1.5	0.29	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Mercury	0.41i	mg/Kg	0.81	0.16	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Lead	150	mg/Kg	0.66	0.10	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (2-4)** Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.841	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
2-Methylnaphthalene	U	mg/Kg	0.841	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Acenaphthene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Acenaphthylene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Anthracene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(a)anthracene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(a)pyrene	U	mg/Kg	0.252	0.039	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.252	0.055	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Chrysene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.252	0.021	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Nitrobenzene-d5 (S)	75	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Fluoranthene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Fluorene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Naphthalene	U	mg/Kg	0.841	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Phenanthrene	U	mg/Kg	0.421	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Pyrene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
2-Fluorobiphenyl (S)	68	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
p-Terphenyl-d14 (S)	86	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.059	0.018	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
Dibromofluoromethane (S)	90	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.059	0.016	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
Toluene d8 (S)	93	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.059	0.014	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
4-Bromofluorobenzene (S)	92	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.059	0.015	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1-Dichloroethane	U	mg/Kg	0.059	0.023	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1-Dichloroethene	U	mg/Kg	0.059	0.026	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1-Dichloropropene	U	mg/Kg	0.059	0.014	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.029	0.00411	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.088	0.035	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.059	0.00645	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (2-4)** Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene	U	mg/Kg	0.059	0.00792	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-DBCP	U	mg/Kg	0.059	0.00616	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dibromoethane (EDB)	U	mg/Kg	0.059	0.014	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dichlorobenzene	U	mg/Kg	0.059	0.00851	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dichloroethane	U	mg/Kg	0.059	0.025	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dichloropropane	U	mg/Kg	0.059	0.018	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,3,5-Trimethylbenzene	U	mg/Kg	0.059	0.00616	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,3-Dichlorobenzene	U	mg/Kg	0.059	0.00910	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,3-Dichloropropane	U	mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,4-Dichlorobenzene	U	mg/Kg	0.059	0.00998	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
2,2-Dichloropropane	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
2-Chlorotoluene	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
2-Hexanone	U	mg/Kg	0.088	0.034	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
4-Chlorotoluene	U	mg/Kg	0.059	0.00939	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
4-Isopropyltoluene	U	mg/Kg	0.059	0.00704	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
4-methyl-2-pentanone	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Acetone	U	mg/Kg	0.293	0.091	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Acrolein	U	mg/Kg	0.293	0.137	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Acrylonitrile	U	mg/Kg	0.587	0.220	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Benzene	U	mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromobenzene	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromochloromethane	U	mg/Kg	0.088	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromodichloromethane	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromoform	U	mg/Kg	0.059	0.022	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromomethane	U	mg/Kg	0.088	0.044	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Carbon disulfide	U	mg/Kg	0.059	0.021	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Carbon tetrachloride	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chlorobenzene	U	mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chloroethane	U	mg/Kg	0.059	0.017	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chloroform	U	mg/Kg	0.440	0.194	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chloromethane	U	mg/Kg	0.059	0.020	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Dibromochloromethane	U	mg/Kg	0.059	0.017	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Dibromomethane	U	mg/Kg	0.059	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Dichlorodifluoromethane	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
cis-1,3-Dichloropropene	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Ethyl methacrylate	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Ethylbenzene	U	mg/Kg	0.059	0.00968	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Hexachlorobutadiene	U	mg/Kg	0.059	0.00645	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Iodomethane	U	mg/Kg	0.147	0.059	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Isopropylbenzene (Cumene)	U	mg/Kg	0.059	0.00968	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Methyl ethyl ketone (MEK)	U	mg/Kg	0.293	0.043	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Methylene chloride	U	mg/Kg	0.440	0.293	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Naphthalene	U	mg/Kg	0.293	0.147	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (2-4)** Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.059	0.00910	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Tetrachloroethene		U mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Toluene		U mg/Kg	0.059	0.012	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Trichloroethene		U mg/Kg	0.059	0.023	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Trichlorofluoromethane		U mg/Kg	0.059	0.022	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Vinyl acetate		U mg/Kg	0.059	0.024	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Vinyl chloride		U mg/Kg	0.059	0.029	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Xylenes- Total		U mg/Kg	0.059	0.029	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.059	0.027	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
m & p-xylene		U mg/Kg	0.059	0.019	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
n-Butylbenzene		U mg/Kg	0.059	0.00763	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
n-propylbenzene		U mg/Kg	0.059	0.00880	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
o-Xylene		U mg/Kg	0.059	0.010	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
sec-Butylbenzene		U mg/Kg	0.059	0.00675	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.587	0.208	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.088	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
tert-Butylbenzene		U mg/Kg	0.059	0.00851	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.059	0.026	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.2 %	0.1	1				10/6/2023 10:03	CT	
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	45 %	66-136	1	10/6/2023 15:03	NI	10/9/2023 17:25	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	74 %	36-132	1	10/6/2023 15:03	NI	10/9/2023 17:25	BFM		
Florida Pro Total	U mg/Kg	48.6	16.2	1	10/6/2023 15:03	NI	10/9/2023 17:25	BFM	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	3.9 mg/Kg	1.4	0.28	2	10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Arsenic	0.28i mg/Kg	0.65	0.11	2	10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Selenium	U mg/Kg	1.3	0.61	2	10/9/2023 12:44	ECW	10/9/2023 15:10	DB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7N (2-4)**

Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.65	0.39	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Cadmium		U mg/Kg	0.65	0.12	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Barium		10 mg/Kg	1.4	0.29	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Mercury		U mg/Kg	0.79	0.16	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Lead		1.5 mg/Kg	0.65	0.10	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.784	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
2-Methylnaphthalene	U	mg/Kg	0.784	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Acenaphthene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Acenaphthylene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Anthracene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(a)anthracene	0.304	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(a)pyrene	0.239	mg/Kg	0.235	0.036	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(b)fluoranthene	0.343	mg/Kg	0.235	0.051	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(g,h,i)perylene	0.506	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(k)fluoranthene	0.149i	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Chrysene	0.268	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Dibenzo(a,h)anthracene	0.073i	mg/Kg	0.235	0.020	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Nitrobenzene-d5 (S)	73	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Fluoranthene	0.506	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Fluorene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Indeno(1,2,3-cd)pyrene	0.524	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Naphthalene	U	mg/Kg	0.784	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Phenanthrene	U	mg/Kg	0.392	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Pyrene	0.467	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
2-Fluorobiphenyl (S)	82	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
p-Terphenyl-d14 (S)	81	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00277	0.000831	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00277	0.000762	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00277	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00277	0.000707	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1-Dichloroethane	U	mg/Kg	0.00277	0.00108	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1-Dichloroethene	U	mg/Kg	0.00277	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1-Dichloropropene	U	mg/Kg	0.00277	0.000651	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00139	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00416	0.00166	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00277	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00277	0.00104	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-DBCP		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00277	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dichloroethane		U mg/Kg	0.00277	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dichloropropane		U mg/Kg	0.00277	0.000831	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,3-Dichloropropane		U mg/Kg	0.00277	0.000624	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
2,2-Dichloropropane		U mg/Kg	0.00277	0.000734	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
2-Chlorotoluene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
2-Hexanone		U mg/Kg	0.00416	0.00159	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
4-Chlorotoluene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
4-Isopropyltoluene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00277	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Acetone		U mg/Kg	0.014	0.00431	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Acrolein		U mg/Kg	0.014	0.00646	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Acrylonitrile		U mg/Kg	0.028	0.010	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Benzene		U mg/Kg	0.00277	0.000637	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromochloromethane		U mg/Kg	0.00416	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromodichloromethane		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromoform		U mg/Kg	0.00277	0.00104	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromomethane		U mg/Kg	0.00416	0.00208	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Carbon disulfide		U mg/Kg	0.00554	0.00277	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Carbon tetrachloride		U mg/Kg	0.00277	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chlorobenzene		U mg/Kg	0.00277	0.000596	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chloroethane		U mg/Kg	0.00277	0.000804	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chloroform		U mg/Kg	0.021	0.00915	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chloromethane		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Dibromochloromethane		U mg/Kg	0.00277	0.000790	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Dibromomethane		U mg/Kg	0.00277	0.00158	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00277	0.000776	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Ethyl methacrylate		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Ethylbenzene		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Hexachlorobutadiene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Iodomethane		U mg/Kg	0.00693	0.00277	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.014	0.00201	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Methylene chloride		U mg/Kg	0.021	0.014	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Naphthalene		U mg/Kg	0.014	0.00693	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Tetrachloroethene		U mg/Kg	0.00277	0.000624	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Toluene		U mg/Kg	0.00277	0.00118	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Trichloroethene		U mg/Kg	0.00277	0.00108	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Trichlorofluoromethane		U mg/Kg	0.00277	0.00104	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Vinyl acetate		U mg/Kg	0.00277	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Vinyl chloride		U mg/Kg	0.00277	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Xylenes- Total		U mg/Kg	0.00277	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00277	0.000610	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00277	0.00129	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
m & p-xylene		U mg/Kg	0.00277	0.000887	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
n-Butylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
n-propylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
o-Xylene		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
sec-Butylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.028	0.00981	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00416	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
tert-Butylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00277	0.00123	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00277	0.000610	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.9 %	0.1	1				10/6/2023 10:11	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	69 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM		

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	95 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM		
Florida Pro Total	347 mg/Kg	226	75.5	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	39 mg/Kg	1.3	0.26	2	10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Arsenic	5.7 mg/Kg	0.60	0.098	2	10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Selenium	U mg/Kg	1.2	0.56	2	10/9/2023 12:44	ECW	10/9/2023 15:14	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7 (0-0.5)**

Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver	0.40i	mg/Kg	0.60	0.36	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Cadmium	2.6	mg/Kg	0.60	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Barium	81	mg/Kg	1.3	0.26	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Mercury	0.68i	mg/Kg	0.73	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Lead	520	mg/Kg	0.60	0.093	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.777	0.194	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
2-Methylnaphthalene	U	mg/Kg	0.777	0.194	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Acenaphthene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Acenaphthylene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Anthracene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(a)anthracene	0.149i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(a)pyrene	0.129i	mg/Kg	0.233	0.036	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(b)fluoranthene	0.156i	mg/Kg	0.233	0.050	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(g,h,i)perylene	0.203i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Chrysene	0.131i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Dibenzo(a,h)anthracene	0.045i	mg/Kg	0.233	0.019	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Nitrobenzene-d5 (S)	82	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Fluoranthene	0.216i	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Fluorene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Indeno(1,2,3-cd)pyrene	0.207i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Naphthalene	U	mg/Kg	0.777	0.194	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Phenanthrene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Pyrene	0.167i	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
2-Fluorobiphenyl (S)	92	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
p-Terphenyl-d14 (S)	82	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S) Preparation Method: EPA 5035
Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00282	0.000847	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00282	0.000777	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
Toluene d8 (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00282	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00282	0.000720	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1-Dichloroethane	U	mg/Kg	0.00282	0.00110	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1-Dichloroethene	U	mg/Kg	0.00282	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1-Dichloropropene	U	mg/Kg	0.00282	0.000664	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00141	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00424	0.00169	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00282	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00282	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-DBCp		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00282	0.000678	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dichloroethane		U mg/Kg	0.00282	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dichloropropane		U mg/Kg	0.00282	0.000847	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,3-Dichloropropane		U mg/Kg	0.00282	0.000635	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
2,2-Dichloropropane		U mg/Kg	0.00282	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
2-Chlorotoluene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
2-Hexanone		U mg/Kg	0.00424	0.00162	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
4-Chlorotoluene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
4-Isopropyltoluene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00282	0.000763	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Acetone		U mg/Kg	0.014	0.00439	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Acrolein		U mg/Kg	0.014	0.00658	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Acrylonitrile		U mg/Kg	0.028	0.011	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Benzene		U mg/Kg	0.00282	0.000650	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromochloromethane		U mg/Kg	0.00424	0.00157	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromodichloromethane		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromoform		U mg/Kg	0.00282	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromomethane		U mg/Kg	0.00424	0.00212	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Carbon disulfide		U mg/Kg	0.00565	0.00282	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Carbon tetrachloride		U mg/Kg	0.00282	0.000763	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chlorobenzene		U mg/Kg	0.00282	0.000607	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chloroethane		U mg/Kg	0.00282	0.000819	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chloroform		U mg/Kg	0.021	0.00932	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chloromethane		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Dibromochloromethane		U mg/Kg	0.00282	0.000805	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Dibromomethane		U mg/Kg	0.00282	0.00161	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00282	0.000791	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Ethyl methacrylate		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Ethylbenzene		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Hexachlorobutadiene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Iodomethane		U mg/Kg	0.00706	0.00282	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.014	0.00205	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Methylene chloride		U mg/Kg	0.021	0.014	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Naphthalene		U mg/Kg	0.014	0.00706	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Tetrachloroethene		U mg/Kg	0.00282	0.000635	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Toluene		U mg/Kg	0.00282	0.00120	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Trichloroethene		U mg/Kg	0.00282	0.00110	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Trichlorofluoromethane		U mg/Kg	0.00282	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Vinyl acetate		U mg/Kg	0.00282	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Vinyl chloride		U mg/Kg	0.00282	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Xylenes- Total		U mg/Kg	0.00282	0.00140	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00282	0.000621	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00282	0.00131	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
m & p-xylene		U mg/Kg	0.00282	0.000904	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
n-Butylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
n-propylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
o-Xylene		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
sec-Butylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.028	0.0100	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00424	0.00157	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
tert-Butylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00282	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00282	0.000621	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	84.5 %	0.1	1	10/6/2023 10:08	CT				

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545							
			Analytical Method: FL-PRO (GC)							
o-Terphenyl (S)	77 %	66-136	5 10/6/2023 15:03	NI	10/9/2023 20:20	BFM				

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545								
			Analytical Method: FL-PRO (GC)								
Nonatriacontane (S)	98 %	36-132	5 10/6/2023 15:03	NI	10/9/2023 20:20	BFM					
Florida Pro Total	123i mg/Kg	224	74.8	5 10/6/2023 15:03	NI	10/9/2023 20:20	BFM				

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)							
			Analytical Method: EPA 6020							
Chromium	33 mg/Kg	1.3	0.26	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB			
Arsenic	6.7 mg/Kg	0.59	0.097	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB			
Selenium	U mg/Kg	1.2	0.55	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB			



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7 (0.5-2)**

Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.59	0.36	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Cadmium	2.6	mg/Kg	0.59	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Barium	71	mg/Kg	1.3	0.26	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Mercury	0.59i	mg/Kg	0.72	0.14	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Lead	500	mg/Kg	0.59	0.092	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (2-4)** Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.811	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
2-Methylnaphthalene	U	mg/Kg	0.811	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Acenaphthene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Acenaphthylene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Anthracene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(a)anthracene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(a)pyrene	U	mg/Kg	0.243	0.037	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.243	0.053	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Chrysene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.243	0.020	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Nitrobenzene-d5 (S)	71	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Fluoranthene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Fluorene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Naphthalene	U	mg/Kg	0.811	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Phenanthrene	U	mg/Kg	0.406	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Pyrene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
2-Fluorobiphenyl (S)	64	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
p-Terphenyl-d14 (S)	73	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00305	0.000916	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00305	0.000840	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00305	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00305	0.000779	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1-Dichloroethane	U	mg/Kg	0.00305	0.00119	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1-Dichloroethene	U	mg/Kg	0.00305	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1-Dichloropropene	U	mg/Kg	0.00305	0.000718	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00153	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00458	0.00183	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00305	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7 (2-4)**

Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00305	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-DBCP		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00305	0.000733	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dichloroethane		U mg/Kg	0.00305	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dichloropropane		U mg/Kg	0.00305	0.000916	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,3-Dichloropropane		U mg/Kg	0.00305	0.000687	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
2,2-Dichloropropane		U mg/Kg	0.00305	0.000810	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
2-Chlorotoluene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
2-Hexanone		U mg/Kg	0.00458	0.00176	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
4-Chlorotoluene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
4-Isopropyltoluene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00305	0.000825	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Acetone		U mg/Kg	0.015	0.00475	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Acrolein		U mg/Kg	0.015	0.00712	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Acrylonitrile		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Benzene		U mg/Kg	0.00305	0.000703	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromochloromethane		U mg/Kg	0.00458	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromodichloromethane		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromoform		U mg/Kg	0.00305	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromomethane		U mg/Kg	0.00458	0.00229	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Carbon disulfide		U mg/Kg	0.00611	0.00305	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Carbon tetrachloride		U mg/Kg	0.00305	0.000825	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chlorobenzene		U mg/Kg	0.00305	0.000657	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chloroethane		U mg/Kg	0.00305	0.000886	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chloromethane		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Dibromochloromethane		U mg/Kg	0.00305	0.000871	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Dibromomethane		U mg/Kg	0.00305	0.00174	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00305	0.000855	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Ethyl methacrylate		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Ethylbenzene		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Hexachlorobutadiene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Iodomethane		U mg/Kg	0.00764	0.00305	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.015	0.00221	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Methylene chloride		U mg/Kg	0.023	0.015	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Naphthalene		U mg/Kg	0.015	0.00764	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (2-4)** Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Tetrachloroethene		U mg/Kg	0.00305	0.000687	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Toluene		U mg/Kg	0.00305	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Trichloroethene		U mg/Kg	0.00305	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Trichlorofluoromethane		U mg/Kg	0.00305	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Vinyl acetate		U mg/Kg	0.00305	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Vinyl chloride		U mg/Kg	0.00305	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Xylenes- Total		U mg/Kg	0.00305	0.00151	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00305	0.000672	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00305	0.00142	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
m & p-xylene		U mg/Kg	0.00305	0.000978	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
n-Butylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
n-propylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
o-Xylene		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
sec-Butylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00458	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
tert-Butylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00305	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00305	0.000672	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	78.9 %	0.1	1				10/6/2023 10:20	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	35 %	66-136	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	58 %	36-132	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM		
Florida Pro Total	U mg/Kg	46.9	15.6	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	5.0 mg/Kg	1.4	0.28	2	10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Arsenic	0.44i mg/Kg	0.63	0.10	2	10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Selenium	U mg/Kg	1.3	0.59	2	10/9/2023 12:44	ECW	10/9/2023 15:23	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7 (2-4)**

Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.63	0.38	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Cadmium		U mg/Kg	0.63	0.12	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Barium	12	mg/Kg	1.4	0.28	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Mercury		U mg/Kg	0.77	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Lead	7.7	mg/Kg	0.63	0.099	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.796	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
2-Methylnaphthalene	U	mg/Kg	0.796	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Acenaphthene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Acenaphthylene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Anthracene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(a)anthracene	0.141i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(a)pyrene	0.098i	mg/Kg	0.239	0.037	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(b)fluoranthene	0.117i	mg/Kg	0.239	0.052	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(g,h,i)perylene	0.086i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Chrysene	0.114i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Dibenzo(a,h)anthracene	0.043i	mg/Kg	0.239	0.020	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Nitrobenzene-d5 (S)	91	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Fluoranthene	0.226i	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Fluorene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Indeno(1,2,3-cd)pyrene	0.105i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Naphthalene	U	mg/Kg	0.796	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Phenanthrene	U	mg/Kg	0.398	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Pyrene	0.154i	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
2-Fluorobiphenyl (S)	101	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
p-Terphenyl-d14 (S)	91	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00219	0.000657	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00219	0.000602	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00219	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00219	0.000559	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1-Dichloroethane	U	mg/Kg	0.00219	0.000854	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1-Dichloroethene	U	mg/Kg	0.00219	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1-Dichloropropene	U	mg/Kg	0.00219	0.000515	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00110	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00329	0.00131	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00219	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB

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10/13/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00219	0.000821	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-DBCP		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00219	0.000526	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dichloroethane		U mg/Kg	0.00219	0.000920	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dichloropropane		U mg/Kg	0.00219	0.000657	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,3-Dichloropropane		U mg/Kg	0.00219	0.000493	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
2,2-Dichloropropane		U mg/Kg	0.00219	0.000580	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
2-Chlorotoluene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
2-Hexanone		U mg/Kg	0.00329	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
4-Chlorotoluene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
4-Isopropyltoluene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00219	0.000591	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Acetone		U mg/Kg	0.011	0.00341	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Acrolein		U mg/Kg	0.011	0.00510	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Acrylonitrile		U mg/Kg	0.022	0.00822	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Benzene		U mg/Kg	0.00219	0.000504	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromochloromethane		U mg/Kg	0.00329	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromodichloromethane		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromoform		U mg/Kg	0.00219	0.000821	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromomethane		U mg/Kg	0.00329	0.00164	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Carbon disulfide		U mg/Kg	0.00438	0.00219	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Carbon tetrachloride		U mg/Kg	0.00219	0.000591	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chlorobenzene		U mg/Kg	0.00219	0.000471	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chloroethane		U mg/Kg	0.00219	0.000635	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chloroform		U mg/Kg	0.016	0.00723	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chloromethane		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Dibromochloromethane		U mg/Kg	0.00219	0.000624	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Dibromomethane		U mg/Kg	0.00219	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00219	0.000613	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Ethyl methacrylate		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Ethylbenzene		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Hexachlorobutadiene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Iodomethane		U mg/Kg	0.00548	0.00219	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.011	0.00159	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Methylene chloride		U mg/Kg	0.016	0.011	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Naphthalene		U mg/Kg	0.011	0.00548	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Tetrachloroethene		U mg/Kg	0.00219	0.000493	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Toluene		U mg/Kg	0.00219	0.000931	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Trichloroethene		U mg/Kg	0.00219	0.000854	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Trichlorofluoromethane		U mg/Kg	0.00219	0.000821	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Vinyl acetate		U mg/Kg	0.00219	0.000898	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Vinyl chloride		U mg/Kg	0.00219	0.00107	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Xylenes- Total		U mg/Kg	0.00219	0.00108	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00219	0.000482	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00219	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
m & p-xylene		U mg/Kg	0.00219	0.000701	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
n-Butylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
n-propylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
o-Xylene		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
sec-Butylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.022	0.00775	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00329	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
tert-Butylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00219	0.000975	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00219	0.000482	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	82.6 %	0.1	1				10/6/2023 10:19	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	60 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	69 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM		
Florida Pro Total	131i mg/Kg	230	76.6	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	11 mg/Kg	1.3	0.26	2	10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Arsenic	2.1 mg/Kg	0.61	0.099	2	10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Selenium	U mg/Kg	1.2	0.57	2	10/9/2023 12:44	ECW	10/9/2023 15:28	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.61	0.36	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Cadmium	4.9	mg/Kg	0.61	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Barium	12	mg/Kg	1.3	0.27	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Mercury		U mg/Kg	0.74	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Lead	270	mg/Kg	0.61	0.094	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	L1

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0.5-2)** Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.715	0.179	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
2-Methylnaphthalene	U	mg/Kg	0.715	0.179	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Acenaphthene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Acenaphthylene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Anthracene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(a)anthracene	0.058i	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(a)pyrene	U	mg/Kg	0.215	0.033	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.215	0.047	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Chrysene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.215	0.018	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Nitrobenzene-d5 (S)	76	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Fluoranthene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Fluorene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Naphthalene	U	mg/Kg	0.715	0.179	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Phenanthrene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Pyrene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
2-Fluorobiphenyl (S)	81	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
p-Terphenyl-d14 (S)	71	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00206	0.000617	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00206	0.000565	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00206	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00206	0.000524	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1-Dichloroethane	U	mg/Kg	0.00206	0.000802	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1-Dichloroethene	U	mg/Kg	0.00206	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1-Dichloropropene	U	mg/Kg	0.00206	0.000483	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00103	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00308	0.00123	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00206	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0.5-2)** Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00206	0.000771	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-DBCP		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00206	0.000493	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dichloroethane		U mg/Kg	0.00206	0.000863	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dichloropropane		U mg/Kg	0.00206	0.000617	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,3-Dichloropropane		U mg/Kg	0.00206	0.000462	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
2,2-Dichloropropane		U mg/Kg	0.00206	0.000545	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
2-Chlorotoluene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
2-Hexanone		U mg/Kg	0.00308	0.00118	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
4-Chlorotoluene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
4-Isopropyltoluene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00206	0.000555	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Acetone		U mg/Kg	0.010	0.00320	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Acrolein		U mg/Kg	0.010	0.00479	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Acrylonitrile		U mg/Kg	0.021	0.00772	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Benzene		U mg/Kg	0.00206	0.000473	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromochloromethane		U mg/Kg	0.00308	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromodichloromethane		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromoform		U mg/Kg	0.00206	0.000771	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromomethane		U mg/Kg	0.00308	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Carbon disulfide		U mg/Kg	0.00411	0.00206	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Carbon tetrachloride		U mg/Kg	0.00206	0.000555	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chlorobenzene		U mg/Kg	0.00206	0.000442	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chloroethane		U mg/Kg	0.00206	0.000596	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chloroform		U mg/Kg	0.015	0.00678	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chloromethane		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Dibromochloromethane		U mg/Kg	0.00206	0.000586	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Dibromomethane		U mg/Kg	0.00206	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00206	0.000576	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Ethyl methacrylate		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Ethylbenzene		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Hexachlorobutadiene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Iodomethane		U mg/Kg	0.00514	0.00206	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.010	0.00149	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Methylene chloride		U mg/Kg	0.015	0.010	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Naphthalene		U mg/Kg	0.010	0.00514	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0.5-2)** Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Tetrachloroethene		U mg/Kg	0.00206	0.000462	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Toluene		U mg/Kg	0.00206	0.000874	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Trichloroethene		U mg/Kg	0.00206	0.000802	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Trichlorofluoromethane		U mg/Kg	0.00206	0.000771	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Vinyl acetate		U mg/Kg	0.00206	0.000843	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Vinyl chloride		U mg/Kg	0.00206	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Xylenes- Total		U mg/Kg	0.00206	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00206	0.000452	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00206	0.000956	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
m & p-xylene		U mg/Kg	0.00206	0.000658	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
n-Butylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
n-propylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
o-Xylene		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
sec-Butylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.021	0.00728	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00308	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
tert-Butylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00206	0.000915	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00206	0.000452	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	89.6 %	0.1	1	10/6/2023 10:25	CT				
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	59 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	68 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM		
Florida Pro Total	76.4i mg/Kg	207	68.9	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	11 mg/Kg	1.2	0.24	2	10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Arsenic	6.7 mg/Kg	0.56	0.092	2	10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Selenium	U mg/Kg	1.1	0.52	2	10/9/2023 12:44	ECW	10/9/2023 15:33	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7E (0.5-2)**

Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.56	0.33	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Cadmium	1.1	mg/Kg	0.56	0.10	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Barium	47	mg/Kg	1.2	0.25	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Mercury		U mg/Kg	0.68	0.14	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Lead	150	mg/Kg	0.56	0.087	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (2-4)** Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.810	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
2-Methylnaphthalene	U	mg/Kg	0.810	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Acenaphthene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Acenaphthylene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Anthracene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(a)anthracene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(a)pyrene	U	mg/Kg	0.243	0.037	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.243	0.053	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Chrysene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.243	0.020	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Nitrobenzene-d5 (S)	95	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Fluoranthene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Fluorene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Naphthalene	U	mg/Kg	0.810	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Phenanthrene	U	mg/Kg	0.405	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Pyrene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
2-Fluorobiphenyl (S)	91	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
p-Terphenyl-d14 (S)	97	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00322	0.000966	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00322	0.000885	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00322	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00322	0.000821	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1-Dichloroethane	U	mg/Kg	0.00322	0.00126	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1-Dichloroethene	U	mg/Kg	0.00322	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1-Dichloropropene	U	mg/Kg	0.00322	0.000757	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00161	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00483	0.00193	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00322	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (2-4)** Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00322	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-DBC		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00322	0.000773	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dichloroethane		U mg/Kg	0.00322	0.00135	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dichloropropane		U mg/Kg	0.00322	0.000966	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,3-Dichloropropane		U mg/Kg	0.00322	0.000724	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
2,2-Dichloropropane		U mg/Kg	0.00322	0.000853	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
2-Chlorotoluene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
2-Hexanone		U mg/Kg	0.00483	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
4-Chlorotoluene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
4-Isopropyltoluene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00322	0.000869	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Acetone		U mg/Kg	0.016	0.00501	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Acrolein		U mg/Kg	0.016	0.00750	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Acrylonitrile		U mg/Kg	0.032	0.012	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Benzene		U mg/Kg	0.00322	0.000740	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromochloromethane		U mg/Kg	0.00483	0.00179	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromodichloromethane		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromoform		U mg/Kg	0.00322	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromomethane		U mg/Kg	0.00483	0.00241	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Carbon disulfide		U mg/Kg	0.00644	0.00322	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Carbon tetrachloride		U mg/Kg	0.00322	0.000869	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chlorobenzene		U mg/Kg	0.00322	0.000692	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chloroethane		U mg/Kg	0.00322	0.000934	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chloroform		U mg/Kg	0.024	0.011	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chloromethane		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Dibromochloromethane		U mg/Kg	0.00322	0.000918	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Dibromomethane		U mg/Kg	0.00322	0.00184	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00322	0.000901	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Ethyl methacrylate		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Ethylbenzene		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Hexachlorobutadiene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Iodomethane		U mg/Kg	0.00805	0.00322	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.016	0.00233	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Methylene chloride		U mg/Kg	0.024	0.016	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Naphthalene		U mg/Kg	0.016	0.00805	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (2-4)** Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Tetrachloroethene		U mg/Kg	0.00322	0.000724	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Toluene		U mg/Kg	0.00322	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Trichloroethene		U mg/Kg	0.00322	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Trichlorofluoromethane		U mg/Kg	0.00322	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Vinyl acetate		U mg/Kg	0.00322	0.00132	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Vinyl chloride		U mg/Kg	0.00322	0.00158	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Xylenes- Total		U mg/Kg	0.00322	0.00159	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00322	0.000708	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00322	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
m & p-xylene		U mg/Kg	0.00322	0.00103	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
n-Butylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
n-propylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
o-Xylene		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
sec-Butylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.032	0.011	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00483	0.00179	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
tert-Butylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00322	0.00143	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00322	0.000708	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	80.3 %	0.1	1				10/6/2023 10:26	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	58 %	66-136	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	83 %	36-132	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM		
Florida Pro Total	U mg/Kg	46.8	15.6	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	12 mg/Kg	1.4	0.27	2	10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Arsenic	0.99 mg/Kg	0.62	0.10	2	10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Selenium	U mg/Kg	1.2	0.58	2	10/9/2023 12:44	ECW	10/9/2023 15:37	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7E (2-4)**

Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.62	0.37	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Cadmium		U mg/Kg	0.62	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Barium	15	mg/Kg	1.4	0.27	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Mercury		U mg/Kg	0.76	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Lead	14	mg/Kg	0.62	0.097	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.799	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
2-Methylnaphthalene	U	mg/Kg	0.799	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Acenaphthene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Acenaphthylene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Anthracene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(a)anthracene	0.362	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(a)pyrene	0.284	mg/Kg	0.240	0.037	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(b)fluoranthene	0.434	mg/Kg	0.240	0.052	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(g,h,i)perylene	0.371	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(k)fluoranthene	0.144i	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Chrysene	0.351	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Dibenzo(a,h)anthracene	0.071i	mg/Kg	0.240	0.020	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Nitrobenzene-d5 (S)	94	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Fluoranthene	0.667	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Fluorene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Indeno(1,2,3-cd)pyrene	0.419	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Naphthalene	U	mg/Kg	0.799	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Phenanthrene	0.233i	mg/Kg	0.399	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Pyrene	0.525	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
2-Fluorobiphenyl (S)	101	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
p-Terphenyl-d14 (S)	89	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00410	0.00123	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00410	0.00113	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00410	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00410	0.00105	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1-Dichloroethane	U	mg/Kg	0.00410	0.00160	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1-Dichloroethene	U	mg/Kg	0.00410	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1-Dichloropropene	U	mg/Kg	0.00410	0.000964	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00205	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00615	0.00246	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00410	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00410	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-DBCp		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00410	0.000985	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dichloroethane		U mg/Kg	0.00410	0.00172	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dichloropropane		U mg/Kg	0.00410	0.00123	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,3-Dichloropropane		U mg/Kg	0.00410	0.000923	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
2,2-Dichloropropane		U mg/Kg	0.00410	0.00109	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
2-Chlorotoluene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
2-Hexanone		U mg/Kg	0.00615	0.00236	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
4-Chlorotoluene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
4-Isopropyltoluene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00410	0.00111	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Acetone		U mg/Kg	0.021	0.00638	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Acrolein		U mg/Kg	0.021	0.00956	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Acrylonitrile		U mg/Kg	0.041	0.015	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Benzene		U mg/Kg	0.00410	0.000943	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromochloromethane		U mg/Kg	0.00615	0.00228	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromodichloromethane		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromoform		U mg/Kg	0.00410	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromomethane		U mg/Kg	0.00615	0.00308	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Carbon disulfide		U mg/Kg	0.00820	0.00410	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Carbon tetrachloride		U mg/Kg	0.00410	0.00111	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chlorobenzene		U mg/Kg	0.00410	0.000882	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chloroethane		U mg/Kg	0.00410	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chloroform		U mg/Kg	0.031	0.014	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chloromethane		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Dibromochloromethane		U mg/Kg	0.00410	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Dibromomethane		U mg/Kg	0.00410	0.00234	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00410	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Ethyl methacrylate		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Ethylbenzene		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Hexachlorobutadiene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Iodomethane		U mg/Kg	0.010	0.00410	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.021	0.00297	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Methylene chloride		U mg/Kg	0.031	0.021	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Naphthalene		U mg/Kg	0.021	0.010	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Tetrachloroethene		U mg/Kg	0.00410	0.000923	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Toluene		U mg/Kg	0.00410	0.00174	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Trichloroethene		U mg/Kg	0.00410	0.00160	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Trichlorofluoromethane		U mg/Kg	0.00410	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Vinyl acetate		U mg/Kg	0.00410	0.00168	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Vinyl chloride		U mg/Kg	0.00410	0.00201	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Xylenes- Total		U mg/Kg	0.00410	0.00203	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00410	0.000902	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00410	0.00191	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
m & p-xylene		U mg/Kg	0.00410	0.00131	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
n-Butylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
n-propylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
o-Xylene		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
sec-Butylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.041	0.015	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00615	0.00228	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
tert-Butylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00410	0.00183	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00410	0.000902	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	82.1 %	0.1	1				10/6/2023 10:31	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	93 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 14:48	BFM		

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	102 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 14:48	BFM		
Florida Pro Total	140i mg/Kg	231	76.9	5	10/9/2023 15:04	NI	10/10/2023 14:48	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	25 mg/Kg	1.3	0.27	2	10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Arsenic	3.8 mg/Kg	0.61	0.10	2	10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Selenium	U mg/Kg	1.2	0.57	2	10/9/2023 12:44	ECW	10/9/2023 15:42	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.61	0.37	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Cadmium	1.1	mg/Kg	0.61	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Barium	32	mg/Kg	1.3	0.27	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Mercury	0.26i	mg/Kg	0.74	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Lead	150	mg/Kg	0.61	0.095	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	L1

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.952	0.238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
2-Methylnaphthalene	U	mg/Kg	0.952	0.238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Acenaphthene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Acenaphthylene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Anthracene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(a)anthracene	0.088i	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(a)pyrene	0.070i	mg/Kg	0.286	0.044	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(b)fluoranthene	0.068i	mg/Kg	0.286	0.062	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Chrysene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Dibenzo(a,h)anthracene	0.030i	mg/Kg	0.286	0.024	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Nitrobenzene-d5 (S)	88	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Fluoranthene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Fluorene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Naphthalene	U	mg/Kg	0.952	0.238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Phenanthrene	U	mg/Kg	0.476	0.0238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Pyrene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
2-Fluorobiphenyl (S)	79	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
p-Terphenyl-d14 (S)	67	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00327	0.000980	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00327	0.000898	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00327	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00327	0.000833	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1-Dichloroethane	U	mg/Kg	0.00327	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1-Dichloroethene	U	mg/Kg	0.00327	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1-Dichloropropene	U	mg/Kg	0.00327	0.000768	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00163	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00490	0.00196	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00327	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00327	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-DBCp		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00327	0.000784	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dichloroethane		U mg/Kg	0.00327	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dichloropropane		U mg/Kg	0.00327	0.000980	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,3-Dichloropropane		U mg/Kg	0.00327	0.000735	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
2,2-Dichloropropane		U mg/Kg	0.00327	0.000865	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
2-Chlorotoluene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
2-Hexanone		U mg/Kg	0.00490	0.00188	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
4-Chlorotoluene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
4-Isopropyltoluene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00327	0.000882	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Acetone		U mg/Kg	0.016	0.00508	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Acrolein		U mg/Kg	0.016	0.00761	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Acrylonitrile		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Benzene		U mg/Kg	0.00327	0.000751	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromochloromethane		U mg/Kg	0.00490	0.00181	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromodichloromethane		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromoform		U mg/Kg	0.00327	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromomethane		U mg/Kg	0.00490	0.00245	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Carbon disulfide		U mg/Kg	0.00653	0.00327	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Carbon tetrachloride		U mg/Kg	0.00327	0.000882	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chlorobenzene		U mg/Kg	0.00327	0.000702	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chloroethane		U mg/Kg	0.00327	0.000947	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chloroform		U mg/Kg	0.024	0.011	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chloromethane		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Dibromochloromethane		U mg/Kg	0.00327	0.000931	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Dibromomethane		U mg/Kg	0.00327	0.00186	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00327	0.000914	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Ethyl methacrylate		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Ethylbenzene		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Hexachlorobutadiene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Iodomethane		U mg/Kg	0.00817	0.00327	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.016	0.00237	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Methylene chloride		U mg/Kg	0.024	0.016	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Naphthalene		U mg/Kg	0.016	0.00817	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Tetrachloroethene		U mg/Kg	0.00327	0.000735	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Toluene		U mg/Kg	0.00327	0.00139	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Trichloroethene		U mg/Kg	0.00327	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Trichlorofluoromethane		U mg/Kg	0.00327	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Vinyl acetate		U mg/Kg	0.00327	0.00134	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Vinyl chloride		U mg/Kg	0.00327	0.00160	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Xylenes- Total		U mg/Kg	0.00327	0.00162	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00327	0.000719	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00327	0.00152	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
m & p-xylene		U mg/Kg	0.00327	0.00105	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
n-Butylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
n-propylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
o-Xylene		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
sec-Butylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00490	0.00181	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
tert-Butylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00327	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00327	0.000719	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	69.0 %	0.1	1				10/6/2023 10:38	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	54 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 15:09	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	87 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 15:09	BFM		
Florida Pro Total	U mg/Kg	275	91.7	5	10/9/2023 15:04	NI	10/10/2023 15:09	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	110 mg/Kg	1.6	0.32	2	10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4h
Arsenic	6.9 mg/Kg	0.73	0.12	2	10/9/2023 12:44	ECW	10/9/2023 15:46	DB	
Selenium	3.5 mg/Kg	1.5	0.68	2	10/9/2023 12:44	ECW	10/9/2023 15:46	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7S (0.5-2)**

Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.73	0.44	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4
Cadmium	0.89	mg/Kg	0.73	0.13	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	
Barium	200	mg/Kg	1.6	0.32	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4h,L1
Mercury	0.37i	mg/Kg	0.88	0.18	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	
Lead	95	mg/Kg	0.73	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4h



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7S (2-4)**

Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.847	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
2-Methylnaphthalene	U	mg/Kg	0.847	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Acenaphthene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Acenaphthylene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Anthracene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(a)anthracene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(a)pyrene	U	mg/Kg	0.254	0.039	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(b)fluoranthene	U	mg/Kg	0.254	0.055	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Chrysene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Dibenzo(a,h)anthracene	U	mg/Kg	0.254	0.021	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Nitrobenzene-d5 (S)	80	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Fluoranthene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Fluorene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Naphthalene	U	mg/Kg	0.847	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Phenanthrene	U	mg/Kg	0.423	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Pyrene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
2-Fluorobiphenyl (S)	73	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
p-Terphenyl-d14 (S)	77	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.290	0.087	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
Dibromofluoromethane (S)	90	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.290	0.080	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
Toluene d8 (S)	92	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.290	0.070	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
4-Bromofluorobenzene (S)	92	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.290	0.074	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1-Dichloroethane	U	mg/Kg	0.290	0.113	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1-Dichloroethene	U	mg/Kg	0.290	0.131	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1-Dichloropropene	U	mg/Kg	0.290	0.068	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.145	0.020	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.435	0.174	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.290	0.032	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB

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10/13/2023

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7S (2-4)**

Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene	U	mg/Kg	0.290	0.039	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-DBCP	U	mg/Kg	0.290	0.030	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dibromoethane (EDB)	U	mg/Kg	0.290	0.070	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dichlorobenzene	U	mg/Kg	0.290	0.042	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dichloroethane	U	mg/Kg	0.290	0.122	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dichloropropane	U	mg/Kg	0.290	0.087	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,3,5-Trimethylbenzene	U	mg/Kg	0.290	0.030	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,3-Dichlorobenzene	U	mg/Kg	0.290	0.045	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,3-Dichloropropane	U	mg/Kg	0.290	0.065	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,4-Dichlorobenzene	U	mg/Kg	0.290	0.049	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
2,2-Dichloropropane	U	mg/Kg	0.290	0.077	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
2-Chlorotoluene	U	mg/Kg	0.290	0.054	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
2-Hexanone	U	mg/Kg	0.435	0.167	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
4-Chlorotoluene	U	mg/Kg	0.290	0.046	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
4-Isopropyltoluene	U	mg/Kg	0.290	0.035	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
4-methyl-2-pentanone	U	mg/Kg	0.290	0.078	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Acetone	U	mg/Kg	1.45	0.451	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Acrolein	U	mg/Kg	1.45	0.676	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Acrylonitrile	U	mg/Kg	2.90	1.09	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Benzene	U	mg/Kg	0.290	0.067	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromobenzene	U	mg/Kg	0.290	0.054	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromochloromethane	U	mg/Kg	0.435	0.161	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromodichloromethane	U	mg/Kg	0.290	0.052	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromoform	U	mg/Kg	0.290	0.109	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromomethane	U	mg/Kg	0.435	0.218	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Carbon disulfide	U	mg/Kg	0.290	0.104	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Carbon tetrachloride	U	mg/Kg	0.290	0.078	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chlorobenzene	U	mg/Kg	0.290	0.062	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chloroethane	U	mg/Kg	0.290	0.084	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chloroform	U	mg/Kg	2.18	0.958	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chloromethane	U	mg/Kg	0.290	0.099	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Dibromochloromethane	U	mg/Kg	0.290	0.083	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Dibromomethane	U	mg/Kg	0.290	0.165	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Dichlorodifluoromethane	U	mg/Kg	0.290	0.054	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
cis-1,3-Dichloropropene	U	mg/Kg	0.290	0.081	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Ethyl methacrylate	U	mg/Kg	0.290	0.052	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Ethylbenzene	U	mg/Kg	0.290	0.048	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Hexachlorobutadiene	U	mg/Kg	0.290	0.032	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Iodomethane	U	mg/Kg	0.725	0.290	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Isopropylbenzene (Cumene)	U	mg/Kg	0.290	0.048	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Methyl ethyl ketone (MEK)	U	mg/Kg	1.45	0.210	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Methylene chloride	U	mg/Kg	2.18	1.45	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Naphthalene	U	mg/Kg	1.45	0.725	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (2-4)** Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.290	0.045	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Tetrachloroethene		U mg/Kg	0.290	0.065	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Toluene		U mg/Kg	0.290	0.058	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Trichloroethene		U mg/Kg	0.290	0.113	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Trichlorofluoromethane		U mg/Kg	0.290	0.109	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Vinyl acetate		U mg/Kg	0.290	0.119	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Vinyl chloride		U mg/Kg	0.290	0.142	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Xylenes- Total		U mg/Kg	0.290	0.144	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.290	0.064	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.290	0.135	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
m & p-xylene		U mg/Kg	0.290	0.093	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
n-Butylbenzene		U mg/Kg	0.290	0.038	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
n-propylbenzene		U mg/Kg	0.290	0.044	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
o-Xylene		U mg/Kg	0.290	0.051	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
sec-Butylbenzene		U mg/Kg	0.290	0.033	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	2.90	1.03	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.435	0.161	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
tert-Butylbenzene		U mg/Kg	0.290	0.042	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.290	0.129	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.290	0.064	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.3 %	0.1	1	10/6/2023 10:38	CT				
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	37 %	66-136	1	10/9/2023 15:04	NI	10/10/2023 14:26	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	58 %	36-132	1	10/9/2023 15:04	NI	10/10/2023 14:26	BFM		
Florida Pro Total	U mg/Kg	48.9	16.3	1	10/9/2023 15:04	NI	10/10/2023 14:26	BFM	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	5.7 mg/Kg	1.4	0.28	2	10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Arsenic	0.41i mg/Kg	0.65	0.11	2	10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Silver	U mg/Kg	0.65	0.39	2	10/10/2023 15:15	ECW	10/10/2023 20:04	DB	

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10/13/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7S (2-4)**

Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Cadmium	U	mg/Kg	0.65	0.12	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Barium	8.7	mg/Kg	1.4	0.28	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Mercury	U	mg/Kg	0.79	0.16	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Lead	1.1	mg/Kg	0.65	0.10	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Selenium	U	mg/Kg	1.3	0.61	2 10/10/2023 15:15	ECW	10/12/2023 01:59	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0-0.5)** Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene		U mg/Kg	0.818	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
2-Methylnaphthalene		U mg/Kg	0.818	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Acenaphthene		U mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Acenaphthylene	0.207i	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Anthracene	0.199i	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Benzo(a)anthracene	1.40	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(a)pyrene	1.25	mg/Kg	0.245	0.038	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(b)fluoranthene	2.28	mg/Kg	0.245	0.053	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(g,h,i)perylene	1.13	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(k)fluoranthene	0.796	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Chrysene	1.70	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Dibenzo(a,h)anthracene	0.234i	mg/Kg	0.245	0.020	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Nitrobenzene-d5 (S)	90	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Fluoranthene	2.52	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Fluorene		U mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Indeno(1,2,3-cd)pyrene	1.68	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Naphthalene		U mg/Kg	0.818	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Phenanthrene	0.480	mg/Kg	0.409	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Pyrene	2.21	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
2-Fluorobiphenyl (S)	97	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
p-Terphenyl-d14 (S)	83	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)					Preparation Method: EPA 5035				
Analytical Method: EPA 8260C									
1,1,1,2-Tetrachloroethane		U mg/Kg	0.00306	0.000918	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1,1-Trichloroethane		U mg/Kg	0.00306	0.000842	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1,2,2-Tetrachloroethane		U mg/Kg	0.00306	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1,2-Trichloroethane		U mg/Kg	0.00306	0.000780	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1-Dichloroethane		U mg/Kg	0.00306	0.00119	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1-Dichloroethene		U mg/Kg	0.00306	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1-Dichloropropene		U mg/Kg	0.00306	0.000719	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,2,3-Trichlorobenzene		U mg/Kg	0.00153	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,2,3-Trichloropropane		U mg/Kg	0.00459	0.00184	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,2,4-Trichlorobenzene		U mg/Kg	0.00306	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0-0.5)** Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00306	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-DBCp		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00306	0.000734	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dichloroethane		U mg/Kg	0.00306	0.00129	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dichloropropane		U mg/Kg	0.00306	0.000918	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,3-Dichloropropane		U mg/Kg	0.00306	0.000689	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
2,2-Dichloropropane		U mg/Kg	0.00306	0.000811	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
2-Chlorotoluene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
2-Hexanone		U mg/Kg	0.00459	0.00176	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
4-Chlorotoluene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
4-Isopropyltoluene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00306	0.000826	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Acetone		U mg/Kg	0.015	0.00476	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Acrolein		U mg/Kg	0.015	0.00713	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Acrylonitrile		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Benzene		U mg/Kg	0.00306	0.000704	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromochloromethane		U mg/Kg	0.00459	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromodichloromethane		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromoform		U mg/Kg	0.00306	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromomethane		U mg/Kg	0.00459	0.00230	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Carbon disulfide		U mg/Kg	0.00612	0.00306	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Carbon tetrachloride		U mg/Kg	0.00306	0.000826	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chlorobenzene		U mg/Kg	0.00306	0.000658	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chloroethane		U mg/Kg	0.00306	0.000887	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chloromethane		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Dibromochloromethane		U mg/Kg	0.00306	0.000872	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Dibromomethane		U mg/Kg	0.00306	0.00174	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00306	0.000857	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Ethyl methacrylate		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Ethylbenzene		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Hexachlorobutadiene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Iodomethane		U mg/Kg	0.00765	0.00306	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.015	0.00222	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Methylene chloride		U mg/Kg	0.023	0.015	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Naphthalene		U mg/Kg	0.015	0.00765	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	

Report ID: 2387933 - 3843152
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CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0-0.5)** Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Tetrachloroethene		U mg/Kg	0.00306	0.000689	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Toluene		U mg/Kg	0.00306	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Trichloroethene		U mg/Kg	0.00306	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Trichlorofluoromethane		U mg/Kg	0.00306	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Vinyl acetate		U mg/Kg	0.00306	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Vinyl chloride		U mg/Kg	0.00306	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Xylenes- Total		U mg/Kg	0.00306	0.00151	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00306	0.000673	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00306	0.00142	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
m & p-xylene		U mg/Kg	0.00306	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
n-Butylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
n-propylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
o-Xylene		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
sec-Butylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00459	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
tert-Butylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00306	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00306	0.000673	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	78.2 %	0.1	1				10/6/2023 11:21	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	63 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 15:31	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	75 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 15:31	BFM		
Florida Pro Total	380 mg/Kg	236	78.7	5	10/9/2023 15:04	NI	10/10/2023 15:31	BFM P1	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Selenium	U mg/Kg	1.3	0.60	2	10/10/2023 15:15	ECW	10/12/2023 02:03	DB	
Chromium	54 mg/Kg	1.4	0.28	2	10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Arsenic	8.5 mg/Kg	0.64	0.10	2	10/10/2023 15:15	ECW	10/10/2023 20:09	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7W (0-0.5)**

Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver	0.38i	mg/Kg	0.64	0.38	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Cadmium	2.8	mg/Kg	0.64	0.12	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Barium	100	mg/Kg	1.4	0.28	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Mercury	0.68i	mg/Kg	0.78	0.16	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Lead	270	mg/Kg	0.64	0.10	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.860	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
2-Methylnaphthalene	U	mg/Kg	0.860	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Acenaphthene	U	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Acenaphthylene	0.127i	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Anthracene	0.156i	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(a)anthracene	0.829	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(a)pyrene	0.765	mg/Kg	0.258	0.040	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(b)fluoranthene	1.33	mg/Kg	0.258	0.056	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(g,h,i)perylene	0.798	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(k)fluoranthene	0.338	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Chrysene	0.979	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Dibenzo(a,h)anthracene	0.157i	mg/Kg	0.258	0.021	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Nitrobenzene-d5 (S)	79	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Fluoranthene	1.58	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Fluorene	U	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Indeno(1,2,3-cd)pyrene	1.12	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Naphthalene	U	mg/Kg	0.860	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Phenanthrene	0.434	mg/Kg	0.430	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Pyrene	1.34	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
2-Fluorobiphenyl (S)	76	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
p-Terphenyl-d14 (S)	68	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00259	0.000777	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00259	0.000712	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00259	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
4-Bromofluorobenzene (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00259	0.000660	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1-Dichloroethane	U	mg/Kg	0.00259	0.00101	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1-Dichloroethene	U	mg/Kg	0.00259	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1-Dichloropropene	U	mg/Kg	0.00259	0.000608	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00129	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00388	0.00155	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00259	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00259	0.000971	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-DBCP		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00259	0.000621	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dichloroethane		U mg/Kg	0.00259	0.00109	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dichloropropane		U mg/Kg	0.00259	0.000777	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,3-Dichloropropane		U mg/Kg	0.00259	0.000582	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
2,2-Dichloropropane		U mg/Kg	0.00259	0.000686	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
2-Chlorotoluene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
2-Hexanone		U mg/Kg	0.00388	0.00149	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
4-Chlorotoluene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
4-Isopropyltoluene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00259	0.000699	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Acetone		U mg/Kg	0.013	0.00403	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Acrolein		U mg/Kg	0.013	0.00603	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Acrylonitrile		U mg/Kg	0.026	0.00972	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Benzene		U mg/Kg	0.00259	0.000595	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromochloromethane		U mg/Kg	0.00388	0.00144	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromodichloromethane		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromoform		U mg/Kg	0.00259	0.000971	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromomethane		U mg/Kg	0.00388	0.00194	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Carbon disulfide		U mg/Kg	0.00518	0.00259	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Carbon tetrachloride		U mg/Kg	0.00259	0.000699	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chlorobenzene		U mg/Kg	0.00259	0.000557	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chloroethane		U mg/Kg	0.00259	0.000751	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chloroform		U mg/Kg	0.019	0.00854	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chloromethane		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Dibromochloromethane		U mg/Kg	0.00259	0.000738	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Dibromomethane		U mg/Kg	0.00259	0.00148	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00259	0.000725	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Ethyl methacrylate		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Ethylbenzene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Hexachlorobutadiene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Iodomethane		U mg/Kg	0.00647	0.00259	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00188	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Methylene chloride		U mg/Kg	0.019	0.013	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Naphthalene		U mg/Kg	0.013	0.00647	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Tetrachloroethene		U mg/Kg	0.00259	0.000582	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Toluene		U mg/Kg	0.00259	0.00110	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Trichloroethene		U mg/Kg	0.00259	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Trichlorofluoromethane		U mg/Kg	0.00259	0.000971	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Vinyl acetate		U mg/Kg	0.00259	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Vinyl chloride		U mg/Kg	0.00259	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Xylenes- Total		U mg/Kg	0.00259	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00259	0.000569	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00259	0.00120	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
m & p-xylene		U mg/Kg	0.00259	0.000828	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
n-Butylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
n-propylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
o-Xylene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
sec-Butylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00916	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00388	0.00144	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
tert-Butylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00259	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00259	0.000569	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	75.2 %	0.1	1				10/6/2023 11:28	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	47 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 15:52	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	58 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 15:52	BFM		
Florida Pro Total	164i mg/Kg	248	82.8	5	10/9/2023 15:04	NI	10/10/2023 15:52	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Selenium	U mg/Kg	1.3	0.62	2	10/10/2023 15:15	ECW	10/12/2023 02:08	DB	
Chromium	37 mg/Kg	1.5	0.29	2	10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Arsenic	6.4 mg/Kg	0.67	0.11	2	10/10/2023 15:15	ECW	10/10/2023 20:13	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.67	0.40	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Cadmium	2.3	mg/Kg	0.67	0.12	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Barium	61	mg/Kg	1.5	0.29	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Mercury	0.93	mg/Kg	0.81	0.16	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Lead	140	mg/Kg	0.67	0.10	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	L1

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (2-4)** Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.790	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
2-Methylnaphthalene	U	mg/Kg	0.790	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Acenaphthene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Acenaphthylene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Anthracene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(a)anthracene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(a)pyrene	U	mg/Kg	0.237	0.036	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(b)fluoranthene	U	mg/Kg	0.237	0.051	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Chrysene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Dibenzo(a,h)anthracene	U	mg/Kg	0.237	0.020	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Nitrobenzene-d5 (S)	74	%	20-150		1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Fluoranthene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Fluorene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Naphthalene	U	mg/Kg	0.790	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Phenanthrene	U	mg/Kg	0.395	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Pyrene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
2-Fluorobiphenyl (S)	64	%	30-150		1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
p-Terphenyl-d14 (S)	65	%	15-150		1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00332	0.000997	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00332	0.000914	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
Toluene d8 (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00332	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00332	0.000848	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1-Dichloroethane	U	mg/Kg	0.00332	0.00130	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1-Dichloroethene	U	mg/Kg	0.00332	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1-Dichloropropene	U	mg/Kg	0.00332	0.000781	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00166	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00499	0.00199	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00332	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (2-4)** Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00332	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-DBCp		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00332	0.000798	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dichloroethane		U mg/Kg	0.00332	0.00140	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dichloropropane		U mg/Kg	0.00332	0.000997	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,3-Dichloropropane		U mg/Kg	0.00332	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
2,2-Dichloropropane		U mg/Kg	0.00332	0.000881	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
2-Chlorotoluene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
2-Hexanone		U mg/Kg	0.00499	0.00191	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
4-Chlorotoluene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
4-Isopropyltoluene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00332	0.000898	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Acetone		U mg/Kg	0.017	0.00517	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Acrolein		U mg/Kg	0.017	0.00775	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Acrylonitrile		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Benzene		U mg/Kg	0.00332	0.000765	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromochloromethane		U mg/Kg	0.00499	0.00184	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromodichloromethane		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromoform		U mg/Kg	0.00332	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromomethane		U mg/Kg	0.00499	0.00249	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Carbon disulfide		U mg/Kg	0.00665	0.00332	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Carbon tetrachloride		U mg/Kg	0.00332	0.000898	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chlorobenzene		U mg/Kg	0.00332	0.000715	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chloroethane		U mg/Kg	0.00332	0.000964	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chloroform		U mg/Kg	0.025	0.011	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chloromethane		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Dibromochloromethane		U mg/Kg	0.00332	0.000947	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Dibromomethane		U mg/Kg	0.00332	0.00189	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00332	0.000931	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Ethyl methacrylate		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Ethylbenzene		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Hexachlorobutadiene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Iodomethane		U mg/Kg	0.00831	0.00332	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.017	0.00241	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Methylene chloride		U mg/Kg	0.025	0.017	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Naphthalene		U mg/Kg	0.017	0.00831	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (2-4)** Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Tetrachloroethene		U mg/Kg	0.00332	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Toluene		U mg/Kg	0.00332	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Trichloroethene		U mg/Kg	0.00332	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Trichlorofluoromethane		U mg/Kg	0.00332	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Vinyl acetate		U mg/Kg	0.00332	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Vinyl chloride		U mg/Kg	0.00332	0.00163	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Xylenes- Total		U mg/Kg	0.00332	0.00165	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00332	0.000731	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00332	0.00155	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
m & p-xylene		U mg/Kg	0.00332	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
n-Butylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
n-propylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
o-Xylene		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
sec-Butylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00499	0.00184	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
tert-Butylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00332	0.00148	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00332	0.000731	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.3 %	0.1	1				10/6/2023 11:34	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	47 %	66-136	1	10/10/2023 11:17	NI	10/11/2023 13:42	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	73 %	36-132	1	10/10/2023 11:17	NI	10/11/2023 13:42	BFM		
Florida Pro Total	U mg/Kg	45.6	15.2	1	10/10/2023 11:17	NI	10/11/2023 13:42	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	42 mg/Kg	1.3	0.26	2	10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4h
Arsenic	4.6 mg/Kg	0.60	0.098	2	10/10/2023 15:15	ECW	10/10/2023 20:18	DB	
Silver	U mg/Kg	0.60	0.36	2	10/10/2023 15:15	ECW	10/10/2023 20:18	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7W (2-4)**

Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Cadmium	0.28i	mg/Kg	0.60	0.11	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	
Barium	55	mg/Kg	1.3	0.26	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4h
Mercury	0.34i	mg/Kg	0.73	0.15	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4
Lead	21	mg/Kg	0.60	0.094	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4
Selenium	U	mg/Kg	1.2	0.56	2 10/10/2023 15:15	ECW	10/12/2023 02:12	DB	P1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933016** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6N-1 (0-0.5)** Date Collected: 10/4/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00228	0.000683	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00228	0.000626	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Dibromofluoromethane (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00228	0.000581	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1-Dichloroethane	U	mg/Kg	0.00228	0.000888	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1-Dichloroethene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1-Dichloropropene	U	mg/Kg	0.00228	0.000535	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00114	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00342	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00228	0.000854	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-DBCP	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00228	0.000547	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dichloroethane	U	mg/Kg	0.00228	0.000957	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dichloropropane	U	mg/Kg	0.00228	0.000683	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,3-Dichloropropane	U	mg/Kg	0.00228	0.000512	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
2,2-Dichloropropane	U	mg/Kg	0.00228	0.000604	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
2-Chlorotoluene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
2-Hexanone	U	mg/Kg	0.00342	0.00131	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-Chlorotoluene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-Isopropyltoluene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00228	0.000615	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Acetone	U	mg/Kg	0.011	0.00354	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Acrolein	U	mg/Kg	0.011	0.00531	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Acrylonitrile	U	mg/Kg	0.023	0.00855	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Benzene	U	mg/Kg	0.00228	0.000524	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromochloromethane	U	mg/Kg	0.00342	0.00126	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromodichloromethane	U	mg/Kg	0.00228	0.000456	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromoform	U	mg/Kg	0.00228	0.000854	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromomethane	U	mg/Kg	0.00342	0.00171	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Carbon disulfide	U	mg/Kg	0.00456	0.00228	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933016** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6N-1 (0-0.5)** Date Collected: 10/4/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00228	0.000615	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chlorobenzene		U mg/Kg	0.00228	0.000490	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chloroethane		U mg/Kg	0.00228	0.000660	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chloroform		U mg/Kg	0.017	0.00752	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chloromethane		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Dibromochloromethane		U mg/Kg	0.00228	0.000649	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Dibromomethane		U mg/Kg	0.00228	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00228	0.000638	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Ethyl methacrylate		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Ethylbenzene		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Hexachlorobutadiene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Iodomethane		U mg/Kg	0.00569	0.00228	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.011	0.00165	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Methylene chloride		U mg/Kg	0.017	0.011	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Naphthalene		U mg/Kg	0.011	0.00569	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Styrene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Tetrachloroethene		U mg/Kg	0.00228	0.000512	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Toluene		U mg/Kg	0.00228	0.000968	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Trichloroethene		U mg/Kg	0.00228	0.000888	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Trichlorofluoromethane		U mg/Kg	0.00228	0.000854	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Vinyl acetate		U mg/Kg	0.00228	0.000934	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Vinyl chloride		U mg/Kg	0.00228	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Xylenes- Total		U mg/Kg	0.00228	0.00113	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00228	0.000501	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00228	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
m & p-xylene		U mg/Kg	0.00228	0.000729	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
n-Butylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
n-propylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
o-Xylene		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
sec-Butylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.023	0.00806	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00342	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
tert-Butylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00228	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00228	0.000501	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	87.3 %	0.1	1	10/6/2023 11:36	CT
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933016** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6N-1 (0-0.5)** Date Collected: 10/4/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	13	mg/Kg	1.2	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Arsenic	2.6	mg/Kg	0.57	0.094	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Silver	U	mg/Kg	0.57	0.34	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Cadmium	0.79	mg/Kg	0.57	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Barium	60	mg/Kg	1.3	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Mercury	U	mg/Kg	0.70	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Lead	110	mg/Kg	0.57	0.089	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Selenium	U	mg/Kg	1.1	0.54	2	10/10/2023 16:51	ECW	10/12/2023 02:17	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933017** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6E-1 (0-0.5)** Date Collected: 10/4/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00249	0.000748	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00249	0.000686	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00249	0.000636	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1-Dichloroethane	U	mg/Kg	0.00249	0.000973	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1-Dichloroethene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1-Dichloropropene	U	mg/Kg	0.00249	0.000586	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00125	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00374	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00249	0.000936	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-DBCP	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00249	0.000599	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dichloroethane	U	mg/Kg	0.00249	0.00105	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dichloropropane	U	mg/Kg	0.00249	0.000748	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,3-Dichloropropane	U	mg/Kg	0.00249	0.000561	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
2,2-Dichloropropane	U	mg/Kg	0.00249	0.000661	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
2-Chlorotoluene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
2-Hexanone	U	mg/Kg	0.00374	0.00143	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-Chlorotoluene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-Isopropyltoluene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00249	0.000674	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Acetone	U	mg/Kg	0.012	0.00388	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Acrolein	U	mg/Kg	0.012	0.00581	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Acrylonitrile	U	mg/Kg	0.025	0.00937	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Benzene	U	mg/Kg	0.00249	0.000574	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromochloromethane	U	mg/Kg	0.00374	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromodichloromethane	U	mg/Kg	0.00249	0.000499	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromoform	U	mg/Kg	0.00249	0.000936	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromomethane	U	mg/Kg	0.00374	0.00187	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Carbon disulfide	U	mg/Kg	0.00499	0.00249	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933017** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6E-1 (0-0.5)** Date Collected: 10/4/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00249	0.000674	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chlorobenzene		U mg/Kg	0.00249	0.000536	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chloroethane		U mg/Kg	0.00249	0.000723	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chloroform		U mg/Kg	0.019	0.00823	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chloromethane		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Dibromochloromethane		U mg/Kg	0.00249	0.000711	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Dibromomethane		U mg/Kg	0.00249	0.00142	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00249	0.000699	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Ethyl methacrylate		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Ethylbenzene		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Hexachlorobutadiene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Iodomethane		U mg/Kg	0.00624	0.00249	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.012	0.00181	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Methylene chloride		U mg/Kg	0.019	0.012	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Naphthalene		U mg/Kg	0.012	0.00624	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Styrene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Tetrachloroethene		U mg/Kg	0.00249	0.000561	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Toluene		U mg/Kg	0.00249	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Trichloroethene		U mg/Kg	0.00249	0.000973	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Trichlorofluoromethane		U mg/Kg	0.00249	0.000936	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Vinyl acetate		U mg/Kg	0.00249	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Vinyl chloride		U mg/Kg	0.00249	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Xylenes- Total		U mg/Kg	0.00249	0.00123	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00249	0.000549	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00249	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
m & p-xylene		U mg/Kg	0.00249	0.000798	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
n-Butylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
n-propylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
o-Xylene		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
sec-Butylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.025	0.00883	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00374	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
tert-Butylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00249	0.00111	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00249	0.000549	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.2 %	0.1	1	10/6/2023 11:41	CT
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933017** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6E-1 (0-0.5)** Date Collected: 10/4/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	19	mg/Kg	1.3	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Arsenic	3.0	mg/Kg	0.58	0.095	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Silver	U	mg/Kg	0.58	0.35	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Cadmium	0.62	mg/Kg	0.58	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Barium	27	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Mercury	0.21i	mg/Kg	0.71	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Lead	92	mg/Kg	0.58	0.090	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Selenium	U	mg/Kg	1.2	0.54	2	10/10/2023 16:51	ECW	10/12/2023 02:22	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933018** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-1 (0-0.5)** Date Collected: 10/4/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00218	0.000653	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00218	0.000598	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00218	0.000555	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1-Dichloroethane	U	mg/Kg	0.00218	0.000849	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1-Dichloroethene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1-Dichloropropene	U	mg/Kg	0.00218	0.000511	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00109	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00326	0.00131	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00218	0.000816	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-DBCP	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00218	0.000522	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dichloroethane	U	mg/Kg	0.00218	0.000914	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dichloropropane	U	mg/Kg	0.00218	0.000653	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,3-Dichloropropane	U	mg/Kg	0.00218	0.000490	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
2,2-Dichloropropane	U	mg/Kg	0.00218	0.000577	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
2-Chlorotoluene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
2-Hexanone	U	mg/Kg	0.00326	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-Chlorotoluene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-Isopropyltoluene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00218	0.000588	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Acetone	U	mg/Kg	0.011	0.00338	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Acrolein	U	mg/Kg	0.011	0.00507	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Acrylonitrile	U	mg/Kg	0.022	0.00817	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Benzene	U	mg/Kg	0.00218	0.000500	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromochloromethane	U	mg/Kg	0.00326	0.00121	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromodichloromethane	U	mg/Kg	0.00218	0.000435	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromoform	U	mg/Kg	0.00218	0.000816	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromomethane	U	mg/Kg	0.00326	0.00163	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Carbon disulfide	U	mg/Kg	0.00435	0.00218	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933018** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-1 (0-0.5)** Date Collected: 10/4/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00218	0.000588	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chlorobenzene		U mg/Kg	0.00218	0.000468	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chloroethane		U mg/Kg	0.00218	0.000631	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chloroform		U mg/Kg	0.016	0.00718	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chloromethane		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Dibromochloromethane		U mg/Kg	0.00218	0.000620	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Dibromomethane		U mg/Kg	0.00218	0.00124	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00218	0.000609	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Ethyl methacrylate		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Ethylbenzene	0.000566i	mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Hexachlorobutadiene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Iodomethane		U mg/Kg	0.00544	0.00218	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.011	0.00158	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Methylene chloride		U mg/Kg	0.016	0.011	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Naphthalene		U mg/Kg	0.011	0.00544	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Styrene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Tetrachloroethene		U mg/Kg	0.00218	0.000490	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Toluene		U mg/Kg	0.00218	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Trichloroethene		U mg/Kg	0.00218	0.000849	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Trichlorofluoromethane		U mg/Kg	0.00218	0.000816	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Vinyl acetate		U mg/Kg	0.00218	0.000892	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Vinyl chloride		U mg/Kg	0.00218	0.00107	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Xylenes- Total	0.00231	mg/Kg	0.00218	0.00108	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00218	0.000479	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00218	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
m & p-xylene	0.00183i	mg/Kg	0.00218	0.000696	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
n-Butylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
n-propylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
o-Xylene	0.000479i	mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
sec-Butylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.022	0.00770	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00326	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
tert-Butylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00218	0.000968	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00218	0.000479	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G
Percent Solids (Dryweight)	84.3 %	0.1	1	10/6/2023 11:41	CT

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933018**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-6S-1 (0-0.5)**

Date Collected: 10/4/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	48	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Arsenic	4.8	mg/Kg	0.59	0.097	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Silver	0.39i	mg/Kg	0.59	0.36	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Cadmium	2.0	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Barium	38	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Mercury	0.19i	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Lead	260	mg/Kg	0.59	0.093	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Selenium	U	mg/Kg	1.2	0.56	2	10/10/2023 16:51	ECW	10/12/2023 02:26	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933019** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-1 (0-0.5)** Date Collected: 10/4/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00259	0.000778	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00259	0.000713	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00259	0.000661	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1-Dichloroethane	U	mg/Kg	0.00259	0.00101	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1-Dichloroethene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1-Dichloropropene	U	mg/Kg	0.00259	0.000609	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00130	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00389	0.00156	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00259	0.000972	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-DBCP	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00259	0.000622	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dichloroethane	U	mg/Kg	0.00259	0.00109	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dichloropropane	U	mg/Kg	0.00259	0.000778	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,3-Dichloropropane	U	mg/Kg	0.00259	0.000583	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
2,2-Dichloropropane	U	mg/Kg	0.00259	0.000687	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
2-Chlorotoluene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
2-Hexanone	U	mg/Kg	0.00389	0.00149	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-Chlorotoluene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-Isopropyltoluene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00259	0.000700	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Acetone	U	mg/Kg	0.013	0.00403	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Acrolein	U	mg/Kg	0.013	0.00604	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Acrylonitrile	U	mg/Kg	0.026	0.00973	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Benzene	U	mg/Kg	0.00259	0.000596	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromochloromethane	U	mg/Kg	0.00389	0.00144	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromodichloromethane	U	mg/Kg	0.00259	0.000518	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromoform	U	mg/Kg	0.00259	0.000972	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromomethane	U	mg/Kg	0.00389	0.00194	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Carbon disulfide	U	mg/Kg	0.00518	0.00259	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933019** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-1 (0-0.5)** Date Collected: 10/4/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00259	0.000700	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chlorobenzene		U mg/Kg	0.00259	0.000557	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chloroethane		U mg/Kg	0.00259	0.000752	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chloroform		U mg/Kg	0.019	0.00855	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chloromethane		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Dibromochloromethane		U mg/Kg	0.00259	0.000739	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Dibromomethane		U mg/Kg	0.00259	0.00148	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00259	0.000726	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Ethyl methacrylate		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Ethylbenzene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Hexachlorobutadiene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Iodomethane		U mg/Kg	0.00648	0.00259	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00188	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Methylene chloride		U mg/Kg	0.019	0.013	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Naphthalene		U mg/Kg	0.013	0.00648	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Styrene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Tetrachloroethene		U mg/Kg	0.00259	0.000583	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Toluene		U mg/Kg	0.00259	0.00110	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Trichloroethene		U mg/Kg	0.00259	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Trichlorofluoromethane		U mg/Kg	0.00259	0.000972	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Vinyl acetate		U mg/Kg	0.00259	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Vinyl chloride		U mg/Kg	0.00259	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Xylenes- Total		U mg/Kg	0.00259	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00259	0.000570	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00259	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
m & p-xylene		U mg/Kg	0.00259	0.000829	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
n-Butylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
n-propylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
o-Xylene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
sec-Butylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00918	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00389	0.00144	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
tert-Butylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00259	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00259	0.000570	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G
Percent Solids (Dryweight)	77.6 %	0.1	1	10/6/2023 11:47	CT



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933019** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-1 (0-0.5)** Date Collected: 10/4/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.3	0.60	2	10/10/2023 16:51	DB	10/12/2023 02:31	DB
Chromium	89	mg/Kg	1.4	0.28	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Arsenic	9.0	mg/Kg	0.64	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Silver		U mg/Kg	0.64	0.39	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Cadmium	3.4	mg/Kg	0.64	0.12	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Barium	100	mg/Kg	1.4	0.28	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Mercury	0.94	mg/Kg	0.79	0.16	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Lead	210	mg/Kg	0.64	0.10	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933020** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-2 (0-0.5)** Date Collected: 10/4/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00257	0.000772	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00257	0.000708	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00257	0.000657	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Toluene d8 (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1-Dichloroethane	U	mg/Kg	0.00257	0.00100	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-Bromofluorobenzene (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1-Dichloroethene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1-Dichloropropene	U	mg/Kg	0.00257	0.000605	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00129	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00386	0.00154	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00257	0.000965	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-DBCP	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00257	0.000618	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dichloroethane	U	mg/Kg	0.00257	0.00108	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dichloropropane	U	mg/Kg	0.00257	0.000772	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,3-Dichloropropane	U	mg/Kg	0.00257	0.000579	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
2,2-Dichloropropane	U	mg/Kg	0.00257	0.000682	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
2-Chlorotoluene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
2-Hexanone	U	mg/Kg	0.00386	0.00148	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-Chlorotoluene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-Isopropyltoluene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00257	0.000695	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Acetone	U	mg/Kg	0.013	0.00400	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Acrolein	U	mg/Kg	0.013	0.00600	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Acrylonitrile	U	mg/Kg	0.026	0.00967	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Benzene	U	mg/Kg	0.00257	0.000592	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromochloromethane	U	mg/Kg	0.00386	0.00143	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromodichloromethane	U	mg/Kg	0.00257	0.000515	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromoform	U	mg/Kg	0.00257	0.000965	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromomethane	U	mg/Kg	0.00386	0.00193	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Carbon disulfide	U	mg/Kg	0.00515	0.00257	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933020** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-2 (0-0.5)** Date Collected: 10/4/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00257	0.000695	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chlorobenzene		U mg/Kg	0.00257	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chloroethane		U mg/Kg	0.00257	0.000747	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chloroform		U mg/Kg	0.019	0.00850	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chloromethane		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Dibromochloromethane		U mg/Kg	0.00257	0.000734	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Dibromomethane		U mg/Kg	0.00257	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00257	0.000721	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Ethyl methacrylate		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Ethylbenzene		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Hexachlorobutadiene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Iodomethane		U mg/Kg	0.00644	0.00257	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00187	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Methylene chloride		U mg/Kg	0.019	0.013	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Naphthalene		U mg/Kg	0.013	0.00644	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Styrene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Tetrachloroethene		U mg/Kg	0.00257	0.000579	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Toluene		U mg/Kg	0.00257	0.00109	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Trichloroethene		U mg/Kg	0.00257	0.00100	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Trichlorofluoromethane		U mg/Kg	0.00257	0.000965	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Vinyl acetate		U mg/Kg	0.00257	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Vinyl chloride		U mg/Kg	0.00257	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Xylenes- Total		U mg/Kg	0.00257	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00257	0.000566	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00257	0.00120	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
m & p-xylene		U mg/Kg	0.00257	0.000824	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
n-Butylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
n-propylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
o-Xylene		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
sec-Butylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00911	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00386	0.00143	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
tert-Butylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00257	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00257	0.000566	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)	Analytical Method: SM 2540G			
Percent Solids (Dryweight)	76.2 %	0.1	1	10/6/2023 11:49 CT

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933020** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-2 (0-0.5)** Date Collected: 10/4/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	83	mg/Kg	1.4	0.29	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	
Arsenic	8.4	mg/Kg	0.66	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	
Silver	0.53i	mg/Kg	0.66	0.39	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	
Cadmium	3.9	mg/Kg	0.66	0.12	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	
Barium	130	mg/Kg	1.4	0.29	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	L1
Mercury	0.93	mg/Kg	0.80	0.16	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	
Lead	350	mg/Kg	0.66	0.10	2	10/10/2023 16:51	ECW 10/10/2023 21:35	DB	L1
Selenium	U	mg/Kg	1.3	0.61	2	10/10/2023 16:51	ECW 10/12/2023 02:36	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933021** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-2 (0-0.5)** Date Collected: 10/4/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00303	0.000909	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00303	0.000834	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00303	0.000773	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Toluene d8 (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1-Dichloroethane	U	mg/Kg	0.00303	0.00118	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1-Dichloroethene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1-Dichloropropene	U	mg/Kg	0.00303	0.000712	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00152	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00455	0.00182	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00303	0.00114	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-DBCP	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00303	0.000727	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dichloroethane	U	mg/Kg	0.00303	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dichloropropane	U	mg/Kg	0.00303	0.000909	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,3-Dichloropropane	U	mg/Kg	0.00303	0.000682	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
2,2-Dichloropropane	U	mg/Kg	0.00303	0.000803	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
2-Chlorotoluene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
2-Hexanone	U	mg/Kg	0.00455	0.00174	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-Chlorotoluene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-Isopropyltoluene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00303	0.000818	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Acetone	U	mg/Kg	0.015	0.00471	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Acrolein	U	mg/Kg	0.015	0.00706	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Acrylonitrile	U	mg/Kg	0.030	0.011	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Benzene	U	mg/Kg	0.00303	0.000697	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromochloromethane	U	mg/Kg	0.00455	0.00168	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromodichloromethane	U	mg/Kg	0.00303	0.000606	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromoform	U	mg/Kg	0.00303	0.00114	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromomethane	U	mg/Kg	0.00455	0.00227	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Carbon disulfide	U	mg/Kg	0.00606	0.00303	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933021** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-2 (0-0.5)** Date Collected: 10/4/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00303	0.000818	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chlorobenzene		U mg/Kg	0.00303	0.000652	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chloroethane		U mg/Kg	0.00303	0.000879	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chloromethane		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Dibromochloromethane		U mg/Kg	0.00303	0.000864	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Dibromomethane		U mg/Kg	0.00303	0.00173	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00303	0.000849	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Ethyl methacrylate		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Ethylbenzene		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Hexachlorobutadiene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Iodomethane		U mg/Kg	0.00758	0.00303	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.015	0.00220	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Methylene chloride		U mg/Kg	0.023	0.015	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Naphthalene		U mg/Kg	0.015	0.00758	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Styrene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Tetrachloroethene		U mg/Kg	0.00303	0.000682	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Toluene		U mg/Kg	0.00303	0.00129	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Trichloroethene		U mg/Kg	0.00303	0.00118	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Trichlorofluoromethane		U mg/Kg	0.00303	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Vinyl acetate		U mg/Kg	0.00303	0.00124	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Vinyl chloride		U mg/Kg	0.00303	0.00149	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Xylenes- Total		U mg/Kg	0.00303	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00303	0.000667	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00303	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
m & p-xylene		U mg/Kg	0.00303	0.000970	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
n-Butylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
n-propylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
o-Xylene		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
sec-Butylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.030	0.011	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00455	0.00168	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
tert-Butylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00303	0.00135	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00303	0.000667	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	71.7 %	0.1	1	10/6/2023 11:56	CT
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933021** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-2 (0-0.5)** Date Collected: 10/4/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	77	mg/Kg	1.5	0.30	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Arsenic	17	mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Silver	0.61i	mg/Kg	0.70	0.42	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Cadmium	5.5	mg/Kg	0.70	0.13	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Barium	94	mg/Kg	1.5	0.31	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Mercury	0.56i	mg/Kg	0.85	0.17	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Lead	330	mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Selenium	U	mg/Kg	1.4	0.65	2	10/10/2023 16:51	ECW	10/12/2023 02:40	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933022** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5N-1 (0-0.5)** Date Collected: 10/4/2023 13:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	68.2	%	0.1		1		10/6/2023 12:03	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	160	mg/Kg	1.6	0.32	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	L1
Arsenic	40	mg/Kg	0.73	0.12	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Silver	3.4	mg/Kg	0.73	0.44	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Cadmium	17	mg/Kg	0.73	0.13	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Barium	810	mg/Kg	1.6	0.32	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	L2
Mercury	7.6	mg/Kg	0.89	0.18	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Lead	1100	mg/Kg	0.73	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	L2
Selenium		U mg/Kg	1.5	0.69	2	10/10/2023 16:51	ECW 10/12/2023 03:07	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933023** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5N-2 (0-0.5)** Date Collected: 10/4/2023 13:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	71.4	%	0.1		1		10/6/2023 12:04	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.4	0.66	2	10/10/2023 16:51	ECW 10/12/2023 03:12	DB	
Chromium		92 mg/Kg	1.5	0.31	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Arsenic		37 mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Silver		1.1 mg/Kg	0.70	0.42	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Cadmium		9.6 mg/Kg	0.70	0.13	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Barium		190 mg/Kg	1.5	0.31	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	L1
Mercury		1.6 mg/Kg	0.85	0.17	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Lead		800 mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933024** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5E-1 (0-0.5)** Date Collected: 10/4/2023 14:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	85.0	%	0.1		1		10/6/2023 12:04	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW 10/12/2023 03:16	DB	
Chromium	29	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Arsenic	6.4	mg/Kg	0.59	0.096	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Silver		U mg/Kg	0.59	0.35	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Cadmium	2.8	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Barium	35	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Mercury	0.28i	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Lead	260	mg/Kg	0.59	0.092	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933025** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5E-2 (0-0.5)** Date Collected: 10/4/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	85.6	%	0.1		1		10/9/2023 11:06	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	13	mg/Kg	1.3	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Arsenic	2.8	mg/Kg	0.58	0.096	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Silver	U	mg/Kg	0.58	0.35	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Cadmium	0.58i	mg/Kg	0.58	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Barium	16	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Mercury	U	mg/Kg	0.71	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Lead	65	mg/Kg	0.58	0.091	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Selenium	U	mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW	10/12/2023 03:21	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933026** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-1 (0-0.5)** Date Collected: 10/4/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	65.1	%	0.1		1		10/9/2023 11:08	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.5	0.72	2	10/10/2023 16:51	ECW 10/12/2023 03:25	DB	
Chromium	110	mg/Kg	1.7	0.34	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Arsenic	110	mg/Kg	0.77	0.13	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Silver	2.0	mg/Kg	0.77	0.46	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Cadmium	17	mg/Kg	0.77	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Barium	600	mg/Kg	1.7	0.34	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	L1
Mercury	2.8	mg/Kg	0.94	0.19	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Lead	1400	mg/Kg	0.77	0.12	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933027** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-2 (0-0.5)** Date Collected: 10/4/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	72.7	%	0.1		1		10/9/2023 11:13	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.4	0.64	2	10/10/2023 16:51	ECW 10/12/2023 03:30	DB	
Chromium	67	mg/Kg	1.5	0.30	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Arsenic	27	mg/Kg	0.69	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Silver	1.3	mg/Kg	0.69	0.41	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Cadmium	15	mg/Kg	0.69	0.13	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Barium	690	mg/Kg	1.5	0.30	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	L1
Mercury	1.8	mg/Kg	0.84	0.17	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Lead	1000	mg/Kg	0.69	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933028** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-3 (0-0.5)** Date Collected: 10/4/2023 14:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	57.5	%	0.1		1		10/9/2023 11:19	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	76	mg/Kg	1.9	0.38	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Arsenic	39	mg/Kg	0.87	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Silver	1.6	mg/Kg	0.87	0.52	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Cadmium	19	mg/Kg	0.87	0.16	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Barium	440	mg/Kg	1.9	0.38	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	L1
Mercury	1.7	mg/Kg	1.1	0.21	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Lead	1300	mg/Kg	0.87	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	L2
Selenium	U	mg/Kg	1.7	0.81	2	10/10/2023 16:51	ECW 10/12/2023 03:35	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933029** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-4 (0-0.5)** Date Collected: 10/4/2023 14:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	84.7	%	0.1		1		10/9/2023 11:18	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	23	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Arsenic	5.5	mg/Kg	0.59	0.097	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Silver	U	mg/Kg	0.59	0.35	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Cadmium	4.2	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Barium	68	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Mercury	0.93	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Lead	140	mg/Kg	0.59	0.092	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	L1
Selenium	U	mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW 10/12/2023 03:39	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933030** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5S-1 (0-0.5)** Date Collected: 10/4/2023 15:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	80.7	%	0.1		1		10/9/2023 11:26	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.2	0.58	2	10/10/2023 16:51	ECW 10/12/2023 03:44	DB	
Chromium	26	mg/Kg	1.4	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Arsenic	15	mg/Kg	0.62	0.10	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Silver		U mg/Kg	0.62	0.37	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Cadmium	1.4	mg/Kg	0.62	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Barium	32	mg/Kg	1.4	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Mercury	0.47i	mg/Kg	0.76	0.15	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Lead	180	mg/Kg	0.62	0.097	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933031** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5S-2 (0-0.5)** Date Collected: 10/4/2023 15:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	81.8	%	0.1		1		10/9/2023 11:28	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	25	mg/Kg	1.3	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Arsenic	6.1	mg/Kg	0.61	0.10	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Silver	U	mg/Kg	0.61	0.37	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Cadmium	2.2	mg/Kg	0.61	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Barium	46	mg/Kg	1.3	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Mercury	0.42i	mg/Kg	0.75	0.15	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Lead	240	mg/Kg	0.61	0.095	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	L1
Selenium	U	mg/Kg	1.2	0.57	2	10/10/2023 16:51	ECW 10/12/2023 03:49	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7N** Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	97	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Toluene d8 (S)	97	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-Bromofluorobenzene (S)	98	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB

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CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7N**

Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Bromodichloromethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Bromoform	U	ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Bromomethane	U	ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Carbon disulfide	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Carbon tetrachloride	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Chlorobenzene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Chloroethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Chloroform	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Chloromethane	U	ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Dibromochloromethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Dibromomethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Dichlorodifluoromethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
cis-1,3-Dichloropropene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Ethyl methacrylate	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Ethylbenzene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Hexachlorobutadiene	U	ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Iodomethane	U	ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Isopropylbenzene (Cumene)	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Methyl ethyl ketone (MEK)	U	ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Methylene chloride	U	ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Naphthalene	U	ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Styrene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Tetrachloroethene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Toluene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Trichloroethene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Trichlorofluoromethane	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Vinyl acetate	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Vinyl chloride	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
Xylenes- Total	U	ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
cis-1,2-Dichloroethene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
cis-1,4-Dichloro-2-butene	U	ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
m & p-xylene	U	ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
n-Butylbenzene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
n-propylbenzene	U	ug/L	1.00	0.400	1 10/12/2023 10:00	TDB	10/12/2023 16:29	TDB	
o-Xylene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
sec-Butylbenzene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
t-1,4-Dichloro-2-butene	U	ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
tert-Butyl methyl ether (MTBE)	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
tert-Butylbenzene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
trans-1,2-Dichloroethene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	
trans-1,3-Dichloropropene	U	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:26	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7N** Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	73	%	66-139		1	JL	10/9/2023 21:29	10/9/2023 21:29	BFM
Nonatriacontane (S)	52	%	40-129		1	JL	10/9/2023 21:29	10/9/2023 21:29	BFM

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	JL	10/9/2023 21:29	10/9/2023 21:29	BFM

Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	4.1	ug/L	2.0	0.80	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Arsenic	2.2	ug/L	2.0	0.65	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Barium	8.9	ug/L	2.0	0.30	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB
Lead	U	ug/L	2.0	1.2	4	ECW	10/9/2023 17:52	10/9/2023 17:52	DB

Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	U	ug/L	2.0	0.80	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Arsenic	1.8i	ug/L	2.0	0.65	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Barium	4.6	ug/L	2.0	0.30	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB
Lead	U	ug/L	2.0	1.2	4	ECW	10/9/2023 17:47	10/9/2023 17:47	DB

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 13:16	10/10/2023 13:16	BFM
2-Methylnaphthalene	0.088i	ug/L	0.096	0.048	1	JL	10/10/2023 13:16	10/10/2023 13:16	BFM
Acenaphthene	U	ug/L	0.048	0.024	1	JL	10/10/2023 13:16	10/10/2023 13:16	BFM
Acenaphthylene	U	ug/L	0.048	0.024	1	JL	10/10/2023 13:16	10/10/2023 13:16	BFM
Anthracene	U	ug/L	0.048	0.024	1	JL	10/10/2023 13:16	10/10/2023 13:16	BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7N**

Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(a)pyrene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(b)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(g,h,i)perylene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(k)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Chrysene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Dibenzo(a,h)anthracene		U ug/L	0.048	0.0048	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Fluoranthene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Fluorene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Indeno(1,2,3-cd)pyrene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Naphthalene		U ug/L	0.096	0.048	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Phenanthrene		U ug/L	0.385	0.192	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Pyrene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Nitrobenzene-d5 (S)	86	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
2-Fluorobiphenyl (S)	83	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
p-Terphenyl-d14 (S)	83	%	30-140		1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7** Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Toluene d8 (S)	94	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-Bromofluorobenzene (S)	99	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7**

Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chloroform	2.37	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7**

Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene	0.080	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(a)pyrene	0.115	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(b)fluoranthene	0.135	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(g,h,i)perylene	0.171	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(k)fluoranthene	0.097	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Chrysene	0.075	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Dibenzo(a,h)anthracene	0.037i	ug/L	0.048	0.0048	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Fluoranthene	0.114	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Fluorene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Indeno(1,2,3-cd)pyrene	0.196	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Naphthalene	U	ug/L	0.096	0.048	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Phenanthrene	U	ug/L	0.385	0.192	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Pyrene	0.075	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Nitrobenzene-d5 (S)	90	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
2-Fluorobiphenyl (S)	90	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
p-Terphenyl-d14 (S)	84	%	30-140		1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7E** Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	96	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Toluene d8 (S)	94	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-Bromofluorobenzene (S)	99	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7E**

Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chloroform	6.20	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7E** Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	95	%	66-139		1	10/10/2023 13:15	JL	10/10/2023 16:15	BFM
Nonatriacontane (S)	71	%	40-129		1	10/10/2023 13:15	JL	10/10/2023 16:15	BFM

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.15	0.385	1	10/10/2023 13:15	JL	10/10/2023 16:15	BFM

Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	4.0	ug/L	2.0	0.80	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Arsenic	0.86i	ug/L	2.0	0.65	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Selenium	U	ug/L	4.0	2.1	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Silver	U	ug/L	2.0	0.80	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Cadmium	U	ug/L	2.0	0.28	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Barium	23	ug/L	2.0	0.30	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Mercury	U	ug/L	2.0	0.73	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB
Lead	2.7	ug/L	2.0	1.2	4	10/9/2023 16:07	ECW	10/9/2023 18:09	DB

Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	U	ug/L	2.0	0.80	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Arsenic	U	ug/L	2.0	0.65	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Selenium	U	ug/L	4.0	2.1	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Silver	U	ug/L	2.0	0.80	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Cadmium	U	ug/L	2.0	0.28	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Barium	15	ug/L	2.0	0.30	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Mercury	U	ug/L	2.0	0.73	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB
Lead	U	ug/L	2.0	1.2	4	10/9/2023 15:47	ECW	10/9/2023 18:05	DB

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	10/10/2023 10:27	JL	10/10/2023 14:25	BFM
2-Methylnaphthalene	0.090i	ug/L	0.096	0.048	1	10/10/2023 10:27	JL	10/10/2023 14:25	BFM
Acenaphthene	U	ug/L	0.048	0.024	1	10/10/2023 10:27	JL	10/10/2023 14:25	BFM
Acenaphthylene	U	ug/L	0.048	0.024	1	10/10/2023 10:27	JL	10/10/2023 14:25	BFM
Anthracene	U	ug/L	0.048	0.024	1	10/10/2023 10:27	JL	10/10/2023 14:25	BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7E**

Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(a)pyrene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(b)fluoranthene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(g,h,i)perylene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(k)fluoranthene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Chrysene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Dibenzo(a,h)anthracene	U	ug/L	0.048	0.0048	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Fluoranthene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Fluorene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Indeno(1,2,3-cd)pyrene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Naphthalene	U	ug/L	0.096	0.048	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Phenanthrene	U	ug/L	0.385	0.192	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Pyrene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Nitrobenzene-d5 (S)	91	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
2-Fluorobiphenyl (S)	91	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
p-Terphenyl-d14 (S)	94	%	30-140		1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7S** Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	97	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Toluene d8 (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-Bromofluorobenzene (S)	98	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7S**

Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chloroform	0.960i	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7S** Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	67	%	66-139		1	JL	10/10/2023 16:40		BFM
Nonatriacontane (S)	53	%	40-129		1	JL	10/10/2023 16:40		BFM
Semivolatiles by GC									
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	JL	10/10/2023 16:40		BFM
Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	4.2	ug/L	2.0	0.80	4	ECW	10/9/2023 18:54		DB
Arsenic	0.92i	ug/L	2.0	0.65	4	ECW	10/9/2023 18:54		DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 18:54		DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 18:54		DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 18:54		DB
Barium	12	ug/L	2.0	0.30	4	ECW	10/9/2023 18:54		DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 18:54		DB
Lead	1.3i	ug/L	2.0	1.2	4	ECW	10/9/2023 18:54		DB
Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	U	ug/L	2.0	0.80	4	ECW	10/9/2023 18:50		DB
Arsenic	U	ug/L	2.0	0.65	4	ECW	10/9/2023 18:50		DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 18:50		DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 18:50		DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 18:50		DB
Barium	5.8	ug/L	2.0	0.30	4	ECW	10/9/2023 18:50		DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 18:50		DB
Lead	U	ug/L	2.0	1.2	4	ECW	10/9/2023 18:50		DB
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.093	0.046	1	JL	10/10/2023 20:10		BFM
2-Methylnaphthalene	0.090i	ug/L	0.093	0.046	1	JL	10/10/2023 20:10		BFM
Acenaphthene	U	ug/L	0.046	0.023	1	JL	10/10/2023 20:10		BFM
Acenaphthylene	U	ug/L	0.046	0.023	1	JL	10/10/2023 20:10		BFM
Anthracene	U	ug/L	0.046	0.023	1	JL	10/10/2023 20:10		BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7S**

Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(a)pyrene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(b)fluoranthene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(g,h,i)perylene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(k)fluoranthene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Chrysene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Dibenzo(a,h)anthracene		U ug/L	0.046	0.0046	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Fluoranthene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Fluorene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Indeno(1,2,3-cd)pyrene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Naphthalene		U ug/L	0.093	0.046	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Phenanthrene		U ug/L	0.370	0.185	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Pyrene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Nitrobenzene-d5 (S)	87	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
2-Fluorobiphenyl (S)	84	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
p-Terphenyl-d14 (S)	86	%	30-140		1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933036** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4N-1 (0-0.5)** Date Collected: 10/5/2023 09:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	84.3	%	0.1		1		10/9/2023 11:38	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	9.8	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Arsenic	1.1	mg/Kg	0.59	0.097	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Silver		U mg/Kg	0.59	0.36	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Cadmium	0.27i	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Barium	19	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Mercury		U mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Lead	29	mg/Kg	0.59	0.093	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Selenium		U mg/Kg	1.2	0.56	2	10/10/2023 16:51	ECW	10/12/2023 04:15	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933037** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4N-2 (0-0.5)** Date Collected: 10/5/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	78.1	%	0.1	1	10/9/2023 11:39	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	7.9	mg/Kg	1.4	0.28	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Arsenic	1.4	mg/Kg	0.64	0.11	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Silver	U	mg/Kg	0.64	0.38	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Cadmium	0.13i	mg/Kg	0.64	0.12	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Barium	9.8	mg/Kg	1.4	0.28	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Mercury	U	mg/Kg	0.78	0.16	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Lead	14	mg/Kg	0.64	0.10	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Selenium	U	mg/Kg	1.3	0.60	2 10/10/2023 16:51	ECW 10/12/2023 04:20 DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933038** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4E-1 (0-0.5)** Date Collected: 10/5/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	83.5	%	0.1		1		10/9/2023 11:43	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	28	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Arsenic	7.8	mg/Kg	0.60	0.098	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Silver	U	mg/Kg	0.60	0.36	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Cadmium	3.8	mg/Kg	0.60	0.11	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Barium	140	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	L1
Mercury	0.58i	mg/Kg	0.73	0.15	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Lead	370	mg/Kg	0.60	0.093	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	L1
Selenium	U	mg/Kg	1.2	0.56	2	10/10/2023 16:51	ECW 10/12/2023 04:25	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933039** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4E-2 (0-0.5)** Date Collected: 10/5/2023 09:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	85.0	%	0.1		1		10/9/2023 11:44	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	8.6	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Arsenic	1.7	mg/Kg	0.59	0.096	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Silver	U	mg/Kg	0.59	0.35	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	J4
Cadmium	0.25i	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Barium	10	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Mercury	U	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Lead	50	mg/Kg	0.59	0.092	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Selenium	U	mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW 10/12/2023 04:29	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933040** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4S-1 (0-0.5)** Date Collected: 10/5/2023 09:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	75.4	%	0.1		1		10/9/2023 11:50	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	65	mg/Kg	1.4	0.29	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Arsenic	20	mg/Kg	0.66	0.11	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Selenium	U	mg/Kg	1.3	0.62	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Silver	0.85	mg/Kg	0.66	0.40	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Cadmium	8.3	mg/Kg	0.66	0.12	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Barium	410	mg/Kg	1.5	0.29	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB L1
Mercury	2.9	mg/Kg	0.81	0.16	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Lead	910	mg/Kg	0.66	0.10	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933041** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4S-2 (0-0.5)** Date Collected: 10/5/2023 10:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	79.3	%	0.1		1		10/9/2023 11:54	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	150	mg/Kg	1.4	0.27	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB L1
Arsenic	27	mg/Kg	0.63	0.10	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Selenium	U	mg/Kg	1.3	0.59	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Silver	1.1	mg/Kg	0.63	0.38	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Cadmium	7.2	mg/Kg	0.63	0.12	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Barium	250	mg/Kg	1.4	0.28	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB L1
Mercury	2.1	mg/Kg	0.77	0.15	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Lead	920	mg/Kg	0.63	0.098	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933042** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-1 (0-0.5)** Date Collected: 10/5/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	68.2	%	0.1		1		10/9/2023 11:59	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	180	mg/Kg	1.6	0.32	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB L1
Arsenic	46	mg/Kg	0.73	0.12	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB
Selenium	U	mg/Kg	1.5	0.69	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB
Silver	2.8	mg/Kg	0.73	0.44	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB
Cadmium	12	mg/Kg	0.73	0.13	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB
Barium	2100	mg/Kg	1.6	0.32	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB L2
Mercury	3.3	mg/Kg	0.89	0.18	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB
Lead	1800	mg/Kg	0.73	0.11	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB L2



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933043** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-2 (0-0.5)** Date Collected: 10/5/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.9	%	0.1	1	10/9/2023 12:02	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	7.9	mg/Kg	1.3	0.25	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Arsenic	2.2	mg/Kg	0.58	0.094	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Selenium	U	mg/Kg	1.2	0.54	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Silver	U	mg/Kg	0.58	0.35	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Cadmium	0.39i	mg/Kg	0.58	0.11	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Barium	12	mg/Kg	1.3	0.25	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Mercury	U	mg/Kg	0.70	0.14	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Lead	60	mg/Kg	0.58	0.090	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933044** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-3 (0-0.5)** Date Collected: 10/5/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	85.8	%	0.1		1		10/9/2023 12:06	CT	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	8.7	mg/Kg	1.3	0.25	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Arsenic	1.3	mg/Kg	0.58	0.096	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Selenium		U mg/Kg	1.2	0.55	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Silver		U mg/Kg	0.58	0.35	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Cadmium	0.30i	mg/Kg	0.58	0.11	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Barium	18	mg/Kg	1.3	0.26	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Mercury		U mg/Kg	0.71	0.14	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Lead	61	mg/Kg	0.58	0.091	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933045** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-4 (0-0.5)** Date Collected: 10/5/2023 10:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	89.3	%	0.1		1		10/9/2023 12:07	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	6.7	mg/Kg	1.2	0.24	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Arsenic	2.8	mg/Kg	0.56	0.092	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Selenium	U	mg/Kg	1.1	0.52	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Silver	U	mg/Kg	0.56	0.34	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Cadmium	U	mg/Kg	0.56	0.10	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Barium	6.9	mg/Kg	1.2	0.25	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Mercury	U	mg/Kg	0.68	0.14	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Lead	21	mg/Kg	0.56	0.087	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387933

Project ID: Homestead Triangle

PARAMETER QUALIFIERS

- J2 Surrogate recovery was outside defined limits due to matrix interference.
- J2d Surrogate recovery was outside defined limits due to matrix required sample dilution.
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).
- L2 Off-scale high. Reported value is above the calibration range and the instrument LDR (Linear Dynamic Range).
- P Results vary by more than allowed by precision requirement for method.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.

PROJECT COMMENTS

- 2387933 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

SAMPLE COMMENTS

- 2387933002 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
- 2387933003 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
- 2387933012 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17832	Analysis Method:		EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387817003	2387931001	2387931002	2387933001	2387933002	2387933003
	2387933004	2387933005	2387933006	2387933007	2387933008	2387933009

METHOD BLANK: 292567

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	87	20-150	
2-Fluorobiphenyl (S)	%	106	30-150	
p-Terphenyl-d14 (S)	%	98	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 292568 292569

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				93	92	20-150	2		
2-Fluorobiphenyl (S)	%				110	113	30-150	2		
p-Terphenyl-d14 (S)	%				96	96	15-150	0.5		
Naphthalene	mg/Kg	2.01	1.98	1.98	99	99	40-150	0	40	
2-Methylnaphthalene	mg/Kg	2.01	1.86	1.86	93	93	40-150	0	40	
1-Methylnaphthalene	mg/Kg	2.02	2.15	2.17	107	108	40-150	0.9	40	
Acenaphthylene	mg/Kg	2	2.06	2.04	103	102	40-150	1	40	
Acenaphthene	mg/Kg	2	2.22	2.22	111	111	35-150	0	40	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292568 292569

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	mg/Kg	2	1.99	2.00	99	100	40-150	0.5	40	
Phenanthrene	mg/Kg	2.02	1.79	1.79	89	89	40-150	0	40	
Anthracene	mg/Kg	2	1.94	1.91	97	95	40-150	2	40	
Fluoranthene	mg/Kg	2	1.95	1.90	97	95	40-150	3	40	
Pyrene	mg/Kg	2	1.99	1.96	99	98	40-150	2	40	
Benzo(a)anthracene	mg/Kg	2.01	1.87	1.86	93	92	40-150	0.5	40	
Chrysene	mg/Kg	2.01	1.91	1.90	95	94	40-150	0.5	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.52	1.54	75	76	40-150	1	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.76	1.76	88	88	40-150	0	40	
Benzo(a)pyrene	mg/Kg	2	1.56	1.58	78	79	40-150	1	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.69	1.64	84	81	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.70	1.70	85	85	40-150	0	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.62	1.59	80	79	40-150	2	40	

MATRIX SPIKE SAMPLE: 292570

Original: 2387931001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				77	20-150	
2-Fluorobiphenyl (S)	%				81	30-150	
p-Terphenyl-d14 (S)	%				62	15-150	
Naphthalene	mg/Kg	0	3.15	2.54	81	40-150	
2-Methylnaphthalene	mg/Kg	0	3.15	2.27	72	40-150	
1-Methylnaphthalene	mg/Kg	0	3.17	2.68	84	40-150	
Acenaphthylene	mg/Kg	0	3.15	2.34	74	40-150	
Acenaphthene	mg/Kg	0	3.15	2.6	83	35-150	
Fluorene	mg/Kg	0	3.15	2.33	74	40-150	
Phenanthrene	mg/Kg	0.013	3.17	2.1	66	40-150	
Anthracene	mg/Kg	0	3.15	2.16	69	40-150	
Fluoranthene	mg/Kg	0.041	3.15	2.15	67	40-150	
Pyrene	mg/Kg	0.00427	3.15	2.13	68	40-150	
Benzo(a)anthracene	mg/Kg	0.048	3.16	2.02	62	40-150	
Chrysene	mg/Kg	0.00981	3.16	2.04	64	40-150	
Benzo(b)fluoranthene	mg/Kg	0.012	3.17	1.47	46	40-150	
Benzo(k)fluoranthene	mg/Kg	0.00568	3.16	1.75	55	40-150	
Benzo(a)pyrene	mg/Kg	0.025	3.15	1.54	48	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0	3.16	1.61	51	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.00222	3.16	1.73	55	40-150	
Benzo(g,h,i)perylene	mg/Kg	0.00845	3.16	1.5	47	40-150	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292571

Original: 2387931002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2950		25		
2-Fluorobiphenyl (S)	%	2620		0.4		
p-Terphenyl-d14 (S)	%	2140		0.5		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	U	U	0	40	
Acenaphthene	mg/Kg	U	U	0	40	
Fluorene	mg/Kg	U	U	0	40	
Phenanthrene	mg/Kg	U	U	0	40	
Anthracene	mg/Kg	U	U	0	40	P1
Fluoranthene	mg/Kg	U	U	0	40	
Pyrene	mg/Kg	U	U	0	40	P1
Benzo(a)anthracene	mg/Kg	0.062	0.069i	10	40	
Chrysene	mg/Kg	U	U	0	40	P1
Benzo(b)fluoranthene	mg/Kg	U	U	0	40	P1
Benzo(k)fluoranthene	mg/Kg	U	U	0	40	
Benzo(a)pyrene	mg/Kg	0.043	0.038i	32	40	
Dibenzo(a,h)anthracene	mg/Kg	U	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	U	0	40	P1
Benzo(g,h,i)perylene	mg/Kg	U	U	0	40	P1



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17833		Analysis Method:	FL-PRO (GC)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387916001	2387916002	2387916003	2387916004	2387916005	2387916006
	2387916007	2387916008	2387931001	2387931002	2387932002	2387933001
	2387933002	2387933003	2387933004	2387933005	2387933006	2387933007
	2387933008	2387933009				

METHOD BLANK: 292574

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	73	66-136	
Nonatriacontane (S)	%	74	36-132	
Florida Pro Total	mg/Kg	U	7.70	

LABORATORY CONTROL SAMPLE & LCSD: 292575 292576

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				105	98	66-136	7		
Nonatriacontane (S)	%				112	104	36-132	7		
Florida Pro Total	mg/Kg	33.9	27.4	26.1	81	77	65-119	5	25	

MATRIX SPIKE SAMPLE: 292577 Original: 2387916005

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				76	66-136	
Nonatriacontane (S)	%				69	36-132	
Florida Pro Total	mg/Kg	0.575	53.1	42.2	78	39-181	

SAMPLE DUPLICATE: 292578 Original: 2387931002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	4.51		5	J2	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292578

Original: 2387931002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Nonatriacontane (S)	%	6.42		14		
Florida Pro Total	mg/Kg	U	29.4i	0	25	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17837		Analysis Method:	EPA 8270/PAH SIM		
QC Batch Method:	EPA 3510C SIM					
Associated Lab Samples:	2387911018	2387911019	2387911021	2387911022	2387926001	2387926002
	2387926003	2387926004	2387926005	2387926006	2387926007	2387933032
	2387933033	2387933034	2387933035	2387975001		

METHOD BLANK: 292649

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	85	30-110	
2-Fluorobiphenyl (S)	%	77	30-110	
p-Terphenyl-d14 (S)	%	82	30-140	
Naphthalene	ug/L	U	0.013	
2-Methylnaphthalene	ug/L	U	0.013	
1-Methylnaphthalene	ug/L	U	0.013	
Acenaphthylene	ug/L	U	0.00625	
Acenaphthene	ug/L	U	0.00625	
Fluorene	ug/L	U	0.00625	
Phenanthrene	ug/L	U	0.050	
Anthracene	ug/L	U	0.00625	
Fluoranthene	ug/L	0.012i	0.00625	V,V1
Pyrene	ug/L	U	0.00625	
Benzo(a)anthracene	ug/L	U	0.00625	
Chrysene	ug/L	U	0.00625	
Benzo(b)fluoranthene	ug/L	U	0.00375	
Benzo(k)fluoranthene	ug/L	U	0.00375	
Benzo(a)pyrene	ug/L	U	0.00375	
Dibenzo(a,h)anthracene	ug/L	U	0.00125	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.00375	
Benzo(g,h,i)perylene	ug/L	U	0.00375	

LABORATORY CONTROL SAMPLE & LCSD: 292650 292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				100	108	30-110	8		
2-Fluorobiphenyl (S)	%				90	101	30-110	11		
p-Terphenyl-d14 (S)	%				92	95	30-140	3		
Naphthalene	ug/L	0.201	0.188	0.193	94	96	30-140	3	40	
2-Methylnaphthalene	ug/L	0.201	0.188	0.191	94	95	30-140	2	40	
1-Methylnaphthalene	ug/L	0.202	0.190	0.192	94	95	30-140	1	40	
Acenaphthylene	ug/L	0.2	0.201	0.211	100	105	30-120	5	40	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292650

292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Fluorene	ug/L	0.2	0.204	0.186	102	93	30-140	9	40	
Phenanthrene	ug/L	0.202	0.182	0.194	90	96	30-120	6	40	
Anthracene	ug/L	0.2	0.177	0.191	89	95	30-140	8	40	
Fluoranthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Pyrene	ug/L	0.2	0.195	0.210	98	105	40-140	7	40	
Benzo(a)anthracene	ug/L	0.201	0.196	0.214	98	106	30-120	9	40	
Chrysene	ug/L	0.201	0.182	0.191	90	95	30-140	5	40	
Benzo(b)fluoranthene	ug/L	0.202	0.148	0.154	73	76	30-140	4	40	
Benzo(k)fluoranthene	ug/L	0.201	0.169	0.180	84	90	30-140	6	40	
Benzo(a)pyrene	ug/L	0.2	0.148	0.153	74	77	30-140	3	40	
Dibenzo(a,h)anthracene	ug/L	0.201	0.168	0.171	83	85	30-140	2	40	
Indeno(1,2,3-cd)pyrene	ug/L	0.201	0.179	0.180	89	90	30-140	0.6	40	
Benzo(g,h,i)perylene	ug/L	0.201	0.153	0.154	76	77	30-120	0.7	40	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17839	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3510C					
Associated Lab Samples:	2387916009	2387916010	2387916011	2387916012	2387916013	2387932003
	2387933032	2387933033	2387933034	2387933035	2387975001	

METHOD BLANK: 292680

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	95	66-139	
Nonatriacontane (S)	%	67	40-129	
Florida Pro Total	mg/L	U	0.100	

LABORATORY CONTROL SAMPLE & LCSD: 292681 292682

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				92	92	66-139	0		
Nonatriacontane (S)	%				98	84	40-129	16		
Florida Pro Total	mg/L	0.678	0.540	0.568	80	84	66-119	5	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15670	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387476001	2387477001	2387899030	2387923001	2387924001	2387925001
	2387931001	2387931002	2387933001	2387933002	2387933003	2387933004
	2387933005	2387933006	2387933007	2387933008	2387933009	2387933010
	2387933011					

METHOD BLANK: 292688

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292689 292690

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	10	10	103	103	80-120	0	20	
Arsenic	mg/Kg	10	9.9	10	98.8	99.7	80-120	1.01	20	
Selenium	mg/Kg	10	9.5	9.4	94.9	94.2	80-120	1.06	20	
Silver	mg/Kg	10	10	10	101	104	80-120	0	20	
Cadmium	mg/Kg	10	10	10	100	102	80-120	0	20	
Barium	mg/Kg	10	10	10	102	103	80-120	0	20	
Mercury	mg/Kg	1.3	1.2	1.2	98.1	99.9	80-120	0	20	
Lead	mg/Kg	10	10	10	102	103	80-120	0	20	

MATRIX SPIKE SAMPLE: 292692 Original: 2387933011

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	74	20	110	177	75-125	J4h
Arsenic	mg/Kg	4.8	20	26	108	75-125	
Selenium	mg/Kg	2.4	20	22	97.7	75-125	
Silver	mg/Kg	0.16	20	12	61.1	75-125	J4
Cadmium	mg/Kg	0.61	20	21	101	75-125	
Barium	mg/Kg	140	20	190	272	75-125	J4h

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292692

Original: 2387933011

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.25	2.5	3.1	114	75-125	
Lead	mg/Kg	66	20	100	173	75-125	J4h

SAMPLE DUPLICATE: 292691

Original: 2387933011

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	74	110	3.97	20	
Arsenic	mg/Kg	4.8	7.1	2.06	20	
Selenium	mg/Kg	2.4	3.8	8	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.61	0.92	3.23	20	
Barium	mg/Kg	140	210	0	20	
Mercury	mg/Kg	0.25	0.38i	3.92	20	
Lead	mg/Kg	66	99	2.99	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: XXX/17841 Analysis Method: EPA 8310 List by 8270E SIM (S)
QC Batch Method: EPA 3545
Associated Lab Samples: 2387933010 2387933011 2387933012 2387933013 2387933014 2387933015

METHOD BLANK: 292710

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	100	20-150	
2-Fluorobiphenyl (S)	%	107	30-150	
p-Terphenyl-d14 (S)	%	102	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 292711 292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				102	99	20-150	3		
2-Fluorobiphenyl (S)	%				112	111	30-150	0.4		
p-Terphenyl-d14 (S)	%				98	96	15-150	3		
Naphthalene	mg/Kg	2.01	1.95	2.03	97	101	40-150	4	40	
2-Methylnaphthalene	mg/Kg	2.01	1.94	1.99	97	99	40-150	3	40	
1-Methylnaphthalene	mg/Kg	2.02	2.16	2.25	107	112	40-150	4	40	
Acenaphthylene	mg/Kg	2	2.07	2.13	103	106	40-150	3	40	
Acenaphthene	mg/Kg	2	2.16	2.22	108	111	35-150	3	40	
Fluorene	mg/Kg	2	2.00	2.04	100	102	40-150	2	40	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292711

292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phenanthrene	mg/Kg	2.02	1.78	1.84	88	91	40-150	3	40	
Anthracene	mg/Kg	2	1.93	1.98	96	99	40-150	3	40	
Fluoranthene	mg/Kg	2	2.07	2.12	104	106	40-150	2	40	
Pyrene	mg/Kg	2	1.93	1.99	97	100	40-150	3	40	
Benzo(a)anthracene	mg/Kg	2.01	2.09	2.07	104	103	40-150	1	40	
Chrysene	mg/Kg	2.01	1.83	1.90	91	94	40-150	4	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.60	1.61	79	80	40-150	0.6	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.60	1.68	80	83	40-150	5	40	
Benzo(a)pyrene	mg/Kg	2	1.61	1.64	81	82	40-150	2	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.66	1.71	83	85	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.85	2.03	92	101	40-150	9	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.50	1.59	74	79	40-150	6	40	

MATRIX SPIKE SAMPLE: 292713

Original: 2387933010

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				90	20-150	
2-Fluorobiphenyl (S)	%				97	30-150	
p-Terphenyl-d14 (S)	%				84	15-150	
Naphthalene	mg/Kg	0.01	3.28	3.01	91	40-150	
2-Methylnaphthalene	mg/Kg	0	3.28	2.95	90	40-150	
1-Methylnaphthalene	mg/Kg	0	3.3	3.29	100	40-150	
Acenaphthylene	mg/Kg	0.073	3.28	3.12	93	40-150	
Acenaphthene	mg/Kg	0.013	3.27	3.25	99	35-150	
Fluorene	mg/Kg	0.027	3.28	3	91	40-150	
Phenanthrene	mg/Kg	0.191	3.3	2.91	83	40-150	
Anthracene	mg/Kg	0.056	3.28	2.92	87	40-150	
Fluoranthene	mg/Kg	0.547	3.28	3.67	95	40-150	
Pyrene	mg/Kg	0.431	3.27	3.27	87	40-150	
Benzo(a)anthracene	mg/Kg	0.297	3.29	3.3	91	40-150	
Chrysene	mg/Kg	0.288	3.29	2.84	78	40-150	
Benzo(b)fluoranthene	mg/Kg	0.356	3.3	2.45	64	40-150	
Benzo(k)fluoranthene	mg/Kg	0.118	3.28	2.29	66	40-150	
Benzo(a)pyrene	mg/Kg	0.233	3.27	2.54	70	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.058	3.29	2.4	71	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.344	3.29	3.02	81	40-150	
Benzo(g,h,i)perylene	mg/Kg	0.305	3.29	2.48	66	40-150	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292714

Original: 2387933013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2880		1		
2-Fluorobiphenyl (S)	%	3090		0.6		
p-Terphenyl-d14 (S)	%	2650		0.8		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	0.162	0.215i	4	40	
Acenaphthene	mg/Kg	U	U	0	40	P
Fluorene	mg/Kg	U	U	0	40	P
Phenanthrene	mg/Kg	0.375	0.786	48	40	P
Anthracene	mg/Kg	0.155	0.356i	57	40	P
Fluoranthene	mg/Kg	1.97	3.04	19	40	
Pyrene	mg/Kg	1.73	2.53	13	40	
Benzo(a)anthracene	mg/Kg	1.09	1.55	10	40	
Chrysene	mg/Kg	1.33	1.85	9	40	
Benzo(b)fluoranthene	mg/Kg	1.79	2.46	7	40	
Benzo(k)fluoranthene	mg/Kg	0.622	0.867	9	40	
Benzo(a)pyrene	mg/Kg	0.979	1.41	12	40	
Dibenzo(a,h)anthracene	mg/Kg	0.183	0.281	18	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.31	1.86	11	40	
Benzo(g,h,i)perylene	mg/Kg	0.882	1.20	6	40	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: XXX/17842 Analysis Method: FL-PRO (GC)
QC Batch Method: EPA 3545
Associated Lab Samples: 2387933010 2387933011 2387933012 2387933013 2387933014 2387933015

METHOD BLANK: 292715

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	80	66-136	
Nonatriacontane (S)	%	72	36-132	
Florida Pro Total	mg/Kg	U	7.70	

LABORATORY CONTROL SAMPLE & LCSD: 292716 292717

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				93	111	66-136	18		
Nonatriacontane (S)	%				92	96	36-132	4		
Florida Pro Total	mg/Kg	33.9	25.3	31.8	75	94	65-119	23	25	

MATRIX SPIKE SAMPLE: 292718 Original: 2387933011

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				96	66-136	
Nonatriacontane (S)	%				109	36-132	
Florida Pro Total	mg/Kg	29.1	54.3	51.9	42	39-181	

SAMPLE DUPLICATE: 292719 Original: 2387933013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	5.07		7		J2d
Nonatriacontane (S)	%	6.18		21		
Florida Pro Total	mg/Kg	297	264	36	25	P1



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: MXX/15671 Analysis Method: EPA 200.8 (Dissolved)
QC Batch Method: EPA 200.2 mod.
Associated Lab Samples: 2387933032 2387933033 2387933034 2387933035

METHOD BLANK: 292722

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292723 292724

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	53	52	107	105	85-115	1.9	20	
Arsenic	ug/L	50	49	50	98.6	99.7	85-115	2.02	20	
Selenium	ug/L	50	47	47	94.2	94.5	85-115	0	20	
Silver	ug/L	50	50	52	101	104	85-115	3.92	20	
Cadmium	ug/L	50	50	52	100	103	85-115	3.92	20	
Barium	ug/L	50	52	53	105	107	85-115	1.9	20	
Mercury	ug/L	5	4.8	4.8	95.6	96.9	85-115	0	20	
Lead	ug/L	50	51	52	102	105	85-115	1.94	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: MXX/15672 Analysis Method: EPA 200.8 (Total)
 QC Batch Method: EPA 200.2 mod.
 Associated Lab Samples: 2387933032 2387933033 2387933034 2387933035 2387934001 2387934002
 2387944001 2387944002 2387946001 2387946002 2387947001

METHOD BLANK: 292725

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292726 292727

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	53	52	107	105	85-115	1.9	20	
Arsenic	ug/L	50	49	50	98.6	99.7	85-115	2.02	20	
Selenium	ug/L	50	47	47	94.2	94.5	85-115	0	20	
Silver	ug/L	50	50	52	101	104	85-115	3.92	20	
Cadmium	ug/L	50	50	52	100	103	85-115	3.92	20	
Barium	ug/L	50	52	53	105	107	85-115	1.9	20	
Mercury	ug/L	5	4.8	4.8	95.6	96.9	85-115	0	20	
Lead	ug/L	50	51	52	102	105	85-115	1.94	20	

MATRIX SPIKE SAMPLE: 292731 Original: 2387946002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	0.46	50	51	102	70-130	
Arsenic	ug/L	0.36	50	52	102	70-130	
Selenium	ug/L	0.21	50	50	100	70-130	
Silver	ug/L	0.024	50	31	62.3	70-130	J4
Cadmium	ug/L	0.028	50	51	102	70-130	
Barium	ug/L	26	50	77	103	70-130	
Mercury	ug/L	0.068	20	20	97.9	70-130	
Lead	ug/L	0	50	50	99.7	70-130	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292730

Original: 2387946002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	U	U	0	20	
Arsenic	ug/L	U	U	0	20	
Selenium	ug/L	U	U	0	20	
Silver	ug/L	U	U	0	20	P1
Cadmium	ug/L	U	U	0	20	P1
Barium	ug/L	26	25	3.92	20	
Mercury	ug/L	U	U	0	20	
Lead	ug/L	U	U	0	20	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15675	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387932002	2387933012	2387933013	2387933014	2387933015	2387948001
	2387948004	2387948007	2387948010	2387948013	2387948016	2387948019
	2387948022	2387948025	2387948028	2387948031	2387948034	2387948037
	2387948040	2387948043				

METHOD BLANK: 292794

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292795 292796

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	11	11	107	106	80-120	0	20	
Arsenic	mg/Kg	10	10	10	101	100	80-120	0	20	
Selenium	mg/Kg	10	9.4	9.4	93.7	94.1	80-120	0	20	
Silver	mg/Kg	10	10	10	102	100	80-120	0	20	
Cadmium	mg/Kg	10	10	9.8	100	97.8	80-120	2.02	20	
Barium	mg/Kg	10	10	10	103	101	80-120	0	20	
Mercury	mg/Kg	1.3	1.3	1.3	102	100	80-120	0	20	
Lead	mg/Kg	10	10	10	104	101	80-120	0	20	

MATRIX SPIKE SAMPLE: 292798 Original: 2387933015

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	35	20	67	159	75-125	J4h
Arsenic	mg/Kg	3.9	20	29	123	75-125	
Selenium	mg/Kg	0.2	20	19	94.9	75-125	
Silver	mg/Kg	0.11	20	15	76.5	75-125	
Cadmium	mg/Kg	0.23	20	25	125	75-125	
Barium	mg/Kg	46	20	90	219	75-125	J4h

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292798

Original: 2387933015

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.28	2.5	3.5	131	75-125	J4
Lead	mg/Kg	18	20	49	159	75-125	J4

SAMPLE DUPLICATE: 292797

Original: 2387933015

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	35	46	8.22	20	
Arsenic	mg/Kg	3.9	5.0	7.41	20	
Selenium	mg/Kg	U	0.89i	0	20	P1
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.23	0.30i	8.33	20	
Barium	mg/Kg	46	59	8.33	20	
Mercury	mg/Kg	0.28	0.35i	3.51	20	
Lead	mg/Kg	18	23	5.41	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	VXX/11980	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5035					
Associated Lab Samples:	2387932001	2387932002	2387933001	2387933004	2387933005	2387933006
	2387933007	2387933008	2387933009	2387933010	2387933011	2387933013
	2387933014	2387933015	2387933016	2387933017	2387933018	2387933019
	2387933020	2387933021				

METHOD BLANK: 292800

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	100	60-135	
Toluene d8 (S)	%	102	60-135	
4-Bromofluorobenzene (S)	%	97	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000400	
Chloromethane	mg/Kg	U	0.000900	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	0.015	0.010	V1
Carbon disulfide	mg/Kg	U	0.00200	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000400	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

METHOD BLANK: 292800

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	
1,1,2-Trichloroethane	mg/Kg	U	0.000510	
Toluene	mg/Kg	U	0.000850	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000900	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000400	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000900	
1,1,2,2-Tetrachloroethane	mg/Kg	U	0.000900	
o-Xylene	mg/Kg	U	0.000400	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000400	
Bromobenzene	mg/Kg	U	0.000900	
n-propylbenzene	mg/Kg	U	0.000900	
2-Chlorotoluene	mg/Kg	U	0.000900	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000900	
4-Chlorotoluene	mg/Kg	U	0.000900	
tert-Butylbenzene	mg/Kg	U	0.000900	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000750	
sec-Butylbenzene	mg/Kg	U	0.000900	
1,3-Dichlorobenzene	mg/Kg	U	0.000900	
1,4-Dichlorobenzene	mg/Kg	U	0.000900	
4-Isopropyltoluene	mg/Kg	U	0.000900	
1,2-Dichlorobenzene	mg/Kg	U	0.000900	
n-Butylbenzene	mg/Kg	U	0.000900	
1,2-DBCP	mg/Kg	U	0.000900	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000900	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000900	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000900	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292801

292802

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				101	100	60-135	1	30	
Toluene d8 (S)	%				100	100	60-135	0.3	30	
4-Bromofluorobenzene (S)	%				99	99	60-135	0	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.055	0.057	110	114	60-135	4	30	
Chloromethane	mg/Kg	0.05	0.057	0.061	115	123	60-135	7	30	
Vinyl chloride	mg/Kg	0.05	0.056	0.059	113	118	60-135	5	30	
Bromomethane	mg/Kg	0.05	0.049	0.055	97	109	50-135	12	30	
Chloroethane	mg/Kg	0.05	0.049	0.052	99	105	60-135	6	30	
Trichlorofluoromethane	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
Acetone	mg/Kg	0.05	0.070	0.067	139	133	60-135	4	30	J3a
1,1-Dichloroethene	mg/Kg	0.05	0.054	0.056	108	113	60-135	4	30	
Iodomethane	mg/Kg	0.05	0.050	0.052	99	105	60-135	4	30	
Methylene chloride	mg/Kg	0.05	0.059	0.060	118	120	50-135	2	30	
Carbon disulfide	mg/Kg	0.05	0.053	0.056	107	112	50-135	6	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.054	0.056	107	113	60-135	4	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.054	0.057	109	113	60-135	5	30	
1,1-Dichloroethane	mg/Kg	0.05	0.053	0.056	106	112	60-135	6	30	
Vinyl acetate	mg/Kg	0.05	0.064	0.069	129	139	50-135	8	30	J3a
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.060	0.062	120	124	60-135	3	30	
cis-1,2-Dichloroethene	mg/Kg	0.05	0.052	0.055	105	110	60-135	6	30	
Bromochloromethane	mg/Kg	0.05	0.052	0.055	103	110	60-135	6	30	
Chloroform	mg/Kg	0.05	0.052	0.055	104	109	60-135	6	30	
2,2-Dichloropropane	mg/Kg	0.05	0.055	0.057	110	114	50-135	4	30	
1,2-Dichloroethane	mg/Kg	0.05	0.051	0.054	103	108	60-135	6	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.055	0.057	109	115	60-135	4	30	
1,1-Dichloropropene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
Carbon tetrachloride	mg/Kg	0.05	0.053	0.055	106	111	60-135	4	30	
Benzene	mg/Kg	0.05	0.054	0.058	108	115	60-135	7	30	
Dibromomethane	mg/Kg	0.05	0.052	0.056	104	112	60-135	7	30	
1,2-Dichloropropane	mg/Kg	0.05	0.054	0.057	108	113	60-135	5	30	
Trichloroethene	mg/Kg	0.05	0.054	0.057	109	114	60-135	5	30	
Bromodichloromethane	mg/Kg	0.05	0.051	0.055	102	109	60-135	8	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.054	0.056	109	113	60-135	4	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.054	0.055	107	110	60-135	2	30	
trans-1,3-Dichloropropene	mg/Kg	0.05	0.054	0.057	108	114	60-135	5	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.052	0.055	104	109	60-135	6	30	
Toluene	mg/Kg	0.05	0.053	0.057	106	114	60-135	7	30	
1,3-Dichloropropane	mg/Kg	0.05	0.053	0.057	105	113	60-135	7	30	
Ethyl methacrylate	mg/Kg	0.05	0.053	0.056	107	113	60-135	6	30	
Dibromochloromethane	mg/Kg	0.05	0.053	0.056	106	112	60-135	6	30	
2-Hexanone	mg/Kg	0.05	0.061	0.062	122	123	60-135	2	30	
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.054	0.057	108	115	60-135	5	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD:		292801	292802							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Tetrachloroethene	mg/Kg	0.05	0.047	0.046	93	92	60-135	2	30	
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.056	0.061	112	121	60-135	9	30	
Chlorobenzene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
Ethylbenzene	mg/Kg	0.05	0.055	0.059	110	119	60-135	7	30	
m & p-xylene	mg/Kg	0.1	0.109	0.116	109	116	60-135	6	30	
Bromoform	mg/Kg	0.05	0.054	0.057	108	114	60-135	5	30	
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.056	0.058	112	117	60-135	4	30	
Styrene	mg/Kg	0.05	0.057	0.062	115	124	60-135	8	30	
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.054	0.058	109	115	60-135	7	30	
o-Xylene	mg/Kg	0.05	0.058	0.061	115	123	60-135	5	30	
1,2,3-Trichloropropane	mg/Kg	0.05	0.053	0.056	105	113	60-135	6	30	
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.056	0.059	112	119	60-135	5	30	
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.059	0.062	118	125	60-135	5	30	
Bromobenzene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
n-propylbenzene	mg/Kg	0.05	0.061	0.066	123	132	60-135	8	30	
2-Chlorotoluene	mg/Kg	0.05	0.058	0.061	116	122	60-135	5	30	
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.057	0.061	113	121	60-135	7	30	
4-Chlorotoluene	mg/Kg	0.05	0.058	0.061	116	122	60-135	5	30	
tert-Butylbenzene	mg/Kg	0.05	0.059	0.062	118	124	60-135	5	30	
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.059	0.062	118	124	60-135	5	30	
sec-Butylbenzene	mg/Kg	0.05	0.060	0.065	121	129	60-135	8	30	
1,3-Dichlorobenzene	mg/Kg	0.05	0.056	0.060	112	120	60-135	7	30	
1,4-Dichlorobenzene	mg/Kg	0.05	0.056	0.060	113	119	60-135	7	30	
4-Isopropyltoluene	mg/Kg	0.05	0.062	0.066	124	131	60-135	6	30	
1,2-Dichlorobenzene	mg/Kg	0.05	0.056	0.059	112	119	60-135	5	30	
n-Butylbenzene	mg/Kg	0.05	0.064	0.068	128	136	60-135	6	30	J3a
1,2-DCBP	mg/Kg	0.05	0.056	0.058	112	116	60-135	4	30	
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.060	0.063	120	127	60-135	5	30	
Naphthalene	mg/Kg	0.05	0.057	0.061	115	123	60-135	7	30	
Hexachlorobutadiene	mg/Kg	0.05	0.066	0.069	131	139	60-135	4	30	J3a
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.056	0.059	111	118	60-135	5	30	
Xylenes- Total	mg/Kg	0.15	0.166	0.178	111	118	60-135	7	30	

LABORATORY CONTROL SAMPLE & LCSD:		292803	292804							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	100	60-135	0.2	30	
Toluene d8 (S)	%				100	101	60-135	1	30	
4-Bromofluorobenzene (S)	%				101	99	60-135	1	30	
Acrolein	mg/Kg	0.25	0.234	0.266	94	106	50-135	13	30	
Acrylonitrile	mg/Kg	0.25	0.221	0.257	88	103	50-135	15	30	



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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15676	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387933016	2387933017	2387933018	2387933019	2387933020	2387933021
	2387933022	2387933023	2387933024	2387933025	2387933026	2387933027
	2387933028	2387933029	2387933030	2387933031	2387933036	2387933037
	2387933038	2387933039				

METHOD BLANK: 292814

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292815 292816

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	10	10	100	101	80-120	0	20	
Arsenic	mg/Kg	10	9.9	10	99.2	100	80-120	1.01	20	
Selenium	mg/Kg	10	9.2	9.4	92	94.4	80-120	2.15	20	
Silver	mg/Kg	10	10	10	100	104	80-120	0	20	
Cadmium	mg/Kg	10	9.8	10	97.7	101	80-120	2.02	20	
Barium	mg/Kg	10	11	11	106	107	80-120	0	20	
Mercury	mg/Kg	1.3	1.2	1.2	95.8	98.2	80-120	0	20	
Lead	mg/Kg	10	10	10	102	104	80-120	0	20	

MATRIX SPIKE SAMPLE: 292818 Original: 2387933039

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	7.3	20	27	96.3	75-125	
Arsenic	mg/Kg	1.4	20	21	96	75-125	
Selenium	mg/Kg	0.078	20	18	88.6	75-125	
Silver	mg/Kg	0.045	20	12	59	75-125	J4
Cadmium	mg/Kg	0.21	20	19	94	75-125	
Barium	mg/Kg	8.9	20	30	106	75-125	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292818

Original: 2387933039

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.09	2.5	2.5	94.7	75-125	
Lead	mg/Kg	43	20	62	99	75-125	

SAMPLE DUPLICATE: 292817

Original: 2387933039

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	7.3	9.1	6.62	20	
Arsenic	mg/Kg	1.4	1.8	6.9	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.21	0.30i	17.4	20	
Barium	mg/Kg	8.9	11	3.31	20	
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	43	52	2.3	20	



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QC Batch: MXX/15681 Analysis Method: EPA 6020
QC Batch Method: EPA 3050B (mod)
Associated Lab Samples: 2387933040 2387933041 2387933042 2387933043 2387933044 2387933045

METHOD BLANK: 292919

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292920 292921

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.4	9.5	94.1	94.6	80-120	1.06	20	
Arsenic	mg/Kg	10	9.4	9.4	94.5	94.2	80-120	0	20	
Selenium	mg/Kg	10	9.1	9.3	91.4	93.1	80-120	2.17	20	
Silver	mg/Kg	10	10	9.8	99.8	97.7	80-120	2.02	20	
Cadmium	mg/Kg	10	9.2	9.2	92.4	91.9	80-120	0	20	
Barium	mg/Kg	10	10	9.8	99.7	98.3	80-120	2.02	20	
Mercury	mg/Kg	1.3	1.1	1.2	91.8	92.4	80-120	8.7	20	
Lead	mg/Kg	10	9.8	9.5	97.8	95.4	80-120	3.11	20	

MATRIX SPIKE SAMPLE: 292923 Original: 2387949013

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	9.6	20	31	105	75-125	
Arsenic	mg/Kg	3.4	20	22	90.8	75-125	
Selenium	mg/Kg	0.17	20	17	86.1	75-125	
Silver	mg/Kg	0.065	20	11	56.1	75-125	
Cadmium	mg/Kg	0.19	20	18	87.5	75-125	
Barium	mg/Kg	8.9	20	29	102	75-125	
Mercury	mg/Kg	0.028	2.5	2.3	90.4	75-125	
Lead	mg/Kg	6.7	20	26	97.5	75-125	



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SAMPLE DUPLICATE: 292922

Original: 2387949013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	9.6	13	4.08	20	
Arsenic	mg/Kg	3.4	4.5	0	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.19	0.25i	0	20	
Barium	mg/Kg	8.9	13	8.6	20	
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	6.7	9.6	8.57	20	



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QC Batch:	VXX/11984	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5030B					
Associated Lab Samples:	2387911023	2387932001	2387932003	2387933032	2387933033	2387933034
	2387933035	2387938001	2387938002	2388012001		

METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	70-130	
Toluene d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	98	70-130	
Dichlorodifluoromethane	ug/L	U	0.400	
Chloromethane	ug/L	U	2.50	
Vinyl chloride	ug/L	U	0.400	
Bromomethane	ug/L	U	4.00	
Chloroethane	ug/L	U	0.400	
Trichlorofluoromethane	ug/L	U	0.400	
Acrolein	ug/L	U	8.70	
Acetone	ug/L	U	5.00	
1,1-Dichloroethene	ug/L	U	0.400	
Iodomethane	ug/L	U	0.460	
Acrylonitrile	ug/L	U	4.20	
Methylene chloride	ug/L	U	2.00	
Carbon disulfide	ug/L	U	0.400	
trans-1,2-Dichloroethene	ug/L	U	0.400	
tert-Butyl methyl ether (MTBE)	ug/L	U	0.400	
1,1-Dichloroethane	ug/L	U	0.400	
Vinyl acetate	ug/L	U	0.400	
Methyl ethyl ketone (MEK)	ug/L	U	0.640	
cis-1,2-Dichloroethene	ug/L	U	0.400	
Bromochloromethane	ug/L	U	0.400	
Chloroform	ug/L	U	0.400	
2,2-Dichloropropane	ug/L	U	0.400	
1,2-Dichloroethane	ug/L	U	0.400	
1,1,1-Trichloroethane	ug/L	U	0.400	
1,1-Dichloropropene	ug/L	U	0.400	
Carbon tetrachloride	ug/L	U	0.400	
Benzene	ug/L	U	0.400	
Dibromomethane	ug/L	U	0.400	
1,2-Dichloropropane	ug/L	U	0.400	
Trichloroethene	ug/L	U	0.400	
Bromodichloromethane	ug/L	U	0.400	
cis-1,3-Dichloropropene	ug/L	U	0.400	
4-methyl-2-pentanone	ug/L	U	0.400	
trans-1,3-Dichloropropene	ug/L	U	0.400	

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Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,2-Trichloroethane	ug/L	U	0.400	
Toluene	ug/L	U	0.400	
1,3-Dichloropropane	ug/L	U	0.400	
Ethyl methacrylate	ug/L	U	0.400	
Dibromochloromethane	ug/L	U	0.400	
2-Hexanone	ug/L	U	0.400	
1,2-Dibromoethane (EDB)	ug/L	U	0.400	
Tetrachloroethene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.400	
Chlorobenzene	ug/L	U	0.400	
Ethylbenzene	ug/L	U	0.400	
m & p-xylene	ug/L	U	0.400	
Bromoform	ug/L	U	0.550	
t-1,4-Dichloro-2-butene	ug/L	U	0.410	
Styrene	ug/L	U	0.400	
1,1,1,2,2-Tetrachloroethane	ug/L	U	0.200	
o-Xylene	ug/L	U	0.400	
1,2,3-Trichloropropane	ug/L	U	0.400	
cis-1,4-Dichloro-2-butene	ug/L	U	0.440	
Isopropylbenzene (Cumene)	ug/L	U	0.400	
Bromobenzene	ug/L	U	0.400	
n-propylbenzene	ug/L	U	0.400	
2-Chlorotoluene	ug/L	U	0.400	
1,3,5-Trimethylbenzene	ug/L	U	0.400	
4-Chlorotoluene	ug/L	U	0.400	
tert-Butylbenzene	ug/L	U	0.400	
1,2,4-Trimethylbenzene	ug/L	U	0.400	
sec-Butylbenzene	ug/L	U	0.400	
1,3-Dichlorobenzene	ug/L	U	0.400	
1,4-Dichlorobenzene	ug/L	U	0.400	
4-Isopropyltoluene	ug/L	U	0.400	
1,2-Dichlorobenzene	ug/L	U	0.400	
n-Butylbenzene	ug/L	U	0.400	
1,2-DBCP	ug/L	U	0.550	
1,2,4-Trichlorobenzene	ug/L	U	1.00	
Naphthalene	ug/L	U	2.00	
Hexachlorobutadiene	ug/L	U	1.00	
1,2,3-Trichlorobenzene	ug/L	U	0.400	
Xylenes- Total	ug/L	U	0.800	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	95	-	

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METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Bromofluorobenzene (S)	%	98	-	
Benzene	ug/L	U	4.00	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	94	-	
4-Bromofluorobenzene (S)	%	98	-	
Benzene	ug/L	U	4.00	

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	100	70-130	3	25	
Toluene d8 (S)	%				96	97	70-130	0.5	25	
4-Bromofluorobenzene (S)	%				101	102	70-130	0.5	25	
Dichlorodifluoromethane	ug/L	50	35.8	35.8	72	72	60-130	0	25	
Chloromethane	ug/L	50	43.4	36.7	87	73	60-130	17	25	
Vinyl chloride	ug/L	50	45.4	42.5	91	85	70-130	7	25	
Bromomethane	ug/L	50	37.0	37.8	74	76	60-130	2	25	
Chloroethane	ug/L	50	48.6	50.6	97	101	70-130	4	25	
Trichlorofluoromethane	ug/L	50	40.4	40.6	81	81	70-130	0.5	25	
Acetone	ug/L	50.2	41.6	44.8	83	89	60-130	7	25	
1,1-Dichloroethene	ug/L	50	41.9	43.2	84	86	70-130	3	25	
Iodomethane	ug/L	50	30.7	37.5	61	75	60-130	20	25	
Methylene chloride	ug/L	50	40.5	40.0	81	80	60-130	1	25	
Carbon disulfide	ug/L	50	42.6	43.2	85	86	60-130	1	25	
trans-1,2-Dichloroethene	ug/L	50	42.5	43.9	85	88	70-130	3	25	
tert-Butyl methyl ether (MTBE)	ug/L	50	41.9	42.9	84	86	70-130	2	25	
1,1-Dichloroethane	ug/L	50	40.3	41.7	81	83	70-130	3	25	
Vinyl acetate	ug/L	50	61.9	58.4	124	117	60-130	6	25	
Methyl ethyl ketone (MEK)	ug/L	50.2	39.8	37.9	79	75	70-130	5	25	
cis-1,2-Dichloroethene	ug/L	50	46.1	47.7	92	95	70-130	3	25	
Bromochloromethane	ug/L	50	45.5	46.3	91	93	70-130	2	25	
Chloroform	ug/L	50	45.9	47.5	92	95	70-130	3	25	
2,2-Dichloropropane	ug/L	50	48.3	48.5	97	97	50-130	0.4	25	
1,2-Dichloroethane	ug/L	50	39.6	39.7	79	79	70-130	0.3	25	
1,1,1-Trichloroethane	ug/L	50	45.2	47.0	90	94	70-130	4	25	

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LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	50	46.6	47.2	93	94	70-130	1	25	
Carbon tetrachloride	ug/L	50	45.5	46.7	91	93	60-130	3	25	
Benzene	ug/L	50	47.4	48.3	95	97	70-130	2	25	
Dibromomethane	ug/L	50	45.3	46.3	91	93	70-130	2	25	
1,2-Dichloropropane	ug/L	50	44.5	45.8	89	92	70-130	3	25	
Trichloroethene	ug/L	50	41.5	43.2	83	86	70-130	4	25	
Bromodichloromethane	ug/L	50	45.9	47.6	92	95	70-130	4	25	
cis-1,3-Dichloropropene	ug/L	50	50.4	51.7	101	103	60-130	3	25	
4-methyl-2-pentanone	ug/L	50.1	38.3	37.7	76	75	60-130	2	25	
trans-1,3-Dichloropropene	ug/L	50	40.8	42.2	82	84	60-130	3	25	
1,1,2-Trichloroethane	ug/L	50	46.2	47.3	92	95	70-130	2	25	
Toluene	ug/L	50	51.9	52.7	104	105	70-130	2	25	
1,3-Dichloropropane	ug/L	50	50.8	51.8	102	104	70-130	2	25	
Ethyl methacrylate	ug/L	50	53.8	55.6	108	111	70-130	3	25	
Dibromochloromethane	ug/L	50	54.0	55.0	108	110	70-130	2	25	
2-Hexanone	ug/L	50.1	46.1	44.0	92	88	70-130	5	25	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	52.8	105	106	70-130	1	25	
Tetrachloroethene	ug/L	50	38.9	44.0	78	88	70-130	12	25	
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	53.0	105	106	70-130	0.8	25	
Chlorobenzene	ug/L	50	51.9	53.5	104	107	70-130	3	25	
Ethylbenzene	ug/L	50	53.9	54.8	108	110	70-130	2	25	
m & p-xylene	ug/L	100	107	109	107	109	70-130	2	25	
Bromoform	ug/L	50	43.9	45.0	88	90	70-130	2	25	
t-1,4-Dichloro-2-butene	ug/L	50	50.9	50.8	102	102	60-130	0.2	25	
Styrene	ug/L	50	54.7	54.3	109	109	70-130	0.7	25	
1,1,2,2-Tetrachloroethane	ug/L	50	56.6	55.9	113	112	70-130	1	25	
o-Xylene	ug/L	50	52.7	52.9	105	106	70-130	0.4	25	
1,2,3-Trichloropropane	ug/L	50	49.2	48.5	98	97	70-130	1	25	
cis-1,4-Dichloro-2-butene	ug/L	50	46.5	44.1	93	88	60-130	5	25	
Isopropylbenzene (Cumene)	ug/L	50	51.2	51.9	102	104	70-130	1	25	
Bromobenzene	ug/L	50	54.5	56.6	109	113	70-130	4	25	
n-propylbenzene	ug/L	50	57.3	59.2	115	118	70-130	3	25	
2-Chlorotoluene	ug/L	50	55.4	56.5	111	113	70-130	2	25	
1,3,5-Trimethylbenzene	ug/L	50	56.7	58.0	113	116	70-130	2	25	
4-Chlorotoluene	ug/L	50	56.4	57.3	113	115	70-130	2	25	
tert-Butylbenzene	ug/L	50	55.2	57.5	110	115	70-130	4	25	
1,2,4-Trimethylbenzene	ug/L	50	56.6	58.4	113	117	70-130	3	25	
sec-Butylbenzene	ug/L	50	56.2	58.3	112	117	70-130	4	25	
1,3-Dichlorobenzene	ug/L	50	54.0	55.1	108	110	70-130	2	25	
1,4-Dichlorobenzene	ug/L	50	53.2	55.2	106	110	70-130	4	25	
4-Isopropyltoluene	ug/L	50	56.3	57.5	113	115	70-130	2	25	
1,2-Dichlorobenzene	ug/L	50	55.4	56.9	111	114	70-130	3	25	
n-Butylbenzene	ug/L	50	58.4	59.9	117	120	70-130	3	25	
1,2-DBC	ug/L	50	53.0	53.0	106	106	60-130	0	25	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965

292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	52.6	53.6	105	107	70-130	2	25	
Naphthalene	ug/L	50	53.1	52.7	106	105	70-130	0.8	25	
Hexachlorobutadiene	ug/L	50	54.6	55.4	109	111	70-130	1	25	
1,2,3-Trichlorobenzene	ug/L	50	57.3	57.1	115	114	70-130	0.3	25	
Xylenes- Total	ug/L	150	160	162	106	108	70-130	1	25	

LABORATORY CONTROL SAMPLE & LCSD: 292967

292968

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	96	70-130	2	25	
Toluene d8 (S)	%				96	96	70-130	0.3	25	
4-Bromofluorobenzene (S)	%				97	100	70-130	3	25	
Acrolein	ug/L	250	168	161	67	64	60-130	4	25	
Acrylonitrile	ug/L	250	181	176	73	70	60-130	3	25	

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	38.3		0.8	25	
Toluene d8 (S)	%	38.3		0	25	
4-Bromofluorobenzene (S)	%	38.8		0.5	25	
Dichlorodifluoromethane	ug/L	U	U	0	25	
Chloromethane	ug/L	U	U	0	25	
Vinyl chloride	ug/L	U	U	0	25	
Bromomethane	ug/L	U	U	0	25	
Chloroethane	ug/L	U	U	0	25	
Trichlorofluoromethane	ug/L	U	U	0	25	
Acrolein	ug/L	U	U	0	25	
Acetone	ug/L	U	U	0	25	
1,1-Dichloroethene	ug/L	U	U	0	25	
Iodomethane	ug/L	U	U	0	25	
Acrylonitrile	ug/L	U	U	0	25	
Methylene chloride	ug/L	U	U	0	25	
Carbon disulfide	ug/L	U	U	0	25	
trans-1,2-Dichloroethene	ug/L	U	U	0	25	
tert-Butyl methyl ether (MTBE)	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ug/L	U	U	0	25	
Vinyl acetate	ug/L	U	U	0	25	
Methyl ethyl ketone (MEK)	ug/L	U	U	0	25	
cis-1,2-Dichloroethene	ug/L	U	U	0	25	
Bromochloromethane	ug/L	U	U	0	25	
Chloroform	ug/L	U	U	0	25	
2,2-Dichloropropane	ug/L	U	U	0	25	
1,2-Dichloroethane	ug/L	U	U	0	25	
1,1,1-Trichloroethane	ug/L	U	U	0	25	
1,1-Dichloropropene	ug/L	U	U	0	25	
Carbon tetrachloride	ug/L	U	U	0	25	
Benzene	ug/L	U	U	0	25	
Dibromomethane	ug/L	U	U	0	25	
1,2-Dichloropropane	ug/L	U	U	0	25	
Trichloroethene	ug/L	U	U	0	25	
Bromodichloromethane	ug/L	U	U	0	25	
cis-1,3-Dichloropropene	ug/L	U	U	0	25	
4-methyl-2-pentanone	ug/L	U	U	0	25	
trans-1,3-Dichloropropene	ug/L	U	U	0	25	
1,1,2-Trichloroethane	ug/L	U	U	0	25	
Toluene	ug/L	U	U	0	25	
1,3-Dichloropropane	ug/L	U	U	0	25	
Ethyl methacrylate	ug/L	U	U	0	25	
Dibromochloromethane	ug/L	U	U	0	25	
2-Hexanone	ug/L	U	U	0	25	
1,2-Dibromoethane (EDB)	ug/L	U	U	0	25	
Tetrachloroethene	ug/L	2.5	2.42	3	25	
1,1,1,2-Tetrachloroethane	ug/L	U	U	0	25	
Chlorobenzene	ug/L	U	U	0	25	
Ethylbenzene	ug/L	U	U	0	25	
m & p-xylene	ug/L	0.55	0.490i	12	25	
Bromoform	ug/L	U	U	0	25	
t-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Styrene	ug/L	U	U	0	25	
1,1,2,2-Tetrachloroethane	ug/L	U	U	0	25	
o-Xylene	ug/L	U	U	0	25	
1,2,3-Trichloropropane	ug/L	U	U	0	25	
cis-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Isopropylbenzene (Cumene)	ug/L	U	U	0	25	
Bromobenzene	ug/L	U	U	0	25	
n-propylbenzene	ug/L	U	U	0	25	
2-Chlorotoluene	ug/L	U	U	0	25	
1,3,5-Trimethylbenzene	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
4-Chlorotoluene	ug/L	U	U	0	25	
tert-Butylbenzene	ug/L	U	U	0	25	
1,2,4-Trimethylbenzene	ug/L	U	U	0	25	
sec-Butylbenzene	ug/L	U	U	0	25	
1,3-Dichlorobenzene	ug/L	U	U	0	25	
1,4-Dichlorobenzene	ug/L	U	U	0	25	
4-Isopropyltoluene	ug/L	U	U	0	25	
1,2-Dichlorobenzene	ug/L	U	U	0	25	
n-Butylbenzene	ug/L	U	U	0	25	
1,2-DCBP	ug/L	U	U	0	25	
1,2,4-Trichlorobenzene	ug/L	U	U	0	25	
Naphthalene	ug/L	U	U	0	25	
Hexachlorobutadiene	ug/L	U	U	0	25	
1,2,3-Trichlorobenzene	ug/L	U	U	0	25	
Xylenes- Total	ug/L	U	U	0	25	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: VXX/11987 Analysis Method: EPA 8260C
QC Batch Method: EPA 5030B
Associated Lab Samples: 2387932003 2387933032 2387998013 2387998014 2388024001

METHOD BLANK: 292998

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	96	70-130	
Toluene d8 (S)	%	93	70-130	
4-Bromofluorobenzene (S)	%	94	70-130	
n-propylbenzene	ug/L	U	0.400	

LABORATORY CONTROL SAMPLE & LCSD: 292999 293000

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	100	70-130	0.5	25	
Toluene d8 (S)	%				95	94	70-130	0.8	25	
4-Bromofluorobenzene (S)	%				97	96	70-130	0.8	25	
n-propylbenzene	ug/L	50	58.3	57.8	117	116	70-130	0.9	25	

LABORATORY CONTROL SAMPLE & LCSD: 293001 293002

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Dibromofluoromethane (S)	%				97	96	70-130	1	25	
Toluene d8 (S)	%				95	94	70-130	0.3	25	
4-Bromofluorobenzene (S)	%				97	97	70-130	0.8	25	

SAMPLE DUPLICATE: 293019 Original: 2387953004

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	38.1		2	25	
Toluene d8 (S)	%	37.1		0.5	25	
4-Bromofluorobenzene (S)	%	36.4		3	25	
n-propylbenzene	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: VXX/11991 Analysis Method: EPA 8260C (MEOH EXT. S)
QC Batch Method: 5035 (High)
Associated Lab Samples: 2387933002 2387933003 2387933012

METHOD BLANK: 293116

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	96	60-135	
Toluene d8 (S)	%	93	60-135	
4-Bromofluorobenzene (S)	%	94	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000370	
Chloromethane	mg/Kg	U	0.000680	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	U	0.010	
Carbon disulfide	mg/Kg	U	0.000720	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000360	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	
1,1,2-Trichloroethane	mg/Kg	U	0.000510	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

METHOD BLANK: 293116

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	mg/Kg	U	0.000400	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000360	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000330	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000310	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000480	
o-Xylene	mg/Kg	U	0.000350	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000330	
Bromobenzene	mg/Kg	U	0.000370	
n-propylbenzene	mg/Kg	U	0.000300	
2-Chlorotoluene	mg/Kg	U	0.000370	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000210	
4-Chlorotoluene	mg/Kg	U	0.000320	
tert-Butylbenzene	mg/Kg	U	0.000290	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000270	
sec-Butylbenzene	mg/Kg	U	0.000230	
1,3-Dichlorobenzene	mg/Kg	U	0.000310	
1,4-Dichlorobenzene	mg/Kg	U	0.000340	
4-Isopropyltoluene	mg/Kg	U	0.000240	
1,2-Dichlorobenzene	mg/Kg	U	0.000290	
n-Butylbenzene	mg/Kg	U	0.000260	
1,2-DBCP	mg/Kg	U	0.000210	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000220	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000220	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000140	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 293117 293118

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	100	60-135	0.5	30	
Toluene d8 (S)	%				95	94	60-135	0.8	30	
4-Bromofluorobenzene (S)	%				97	96	60-135	0.8	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.040	0.043	79	87	60-135	7	30	
Chloromethane	mg/Kg	0.05	0.039	0.047	79	95	50-135	19	30	
Vinyl chloride	mg/Kg	0.05	0.039	0.038	77	75	60-135	3	30	
Bromomethane	mg/Kg	0.05	0.046	0.037	92	75	50-135	22	30	
Chloroethane	mg/Kg	0.05	0.038	0.043	76	85	60-135	12	30	
Trichlorofluoromethane	mg/Kg	0.05	0.040	0.039	79	78	60-135	3	30	
Acetone	mg/Kg	0.05	0.044	0.041	87	82	50-135	7	30	
1,1-Dichloroethene	mg/Kg	0.05	0.043	0.043	85	85	60-135	0	30	
Iodomethane	mg/Kg	0.05	0.033	0.037	66	74	60-135	11	30	
Methylene chloride	mg/Kg	0.05	0.041	0.040	81	79	50-135	2	30	
Carbon disulfide	mg/Kg	0.05	0.043	0.042	86	85	50-135	2	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.044	0.044	88	88	60-135	0	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.040	0.041	81	82	60-135	2	30	
1,1-Dichloroethane	mg/Kg	0.05	0.040	0.040	80	80	60-135	0	30	
Vinyl acetate	mg/Kg	0.05	0.064	0.060	128	121	50-135	6	30	
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.039	0.041	78	82	50-135	5	30	
cis-1,2-Dichloroethene	mg/Kg	0.05	0.048	0.048	96	96	60-135	0	30	
Bromochloromethane	mg/Kg	0.05	0.048	0.048	95	96	60-135	0	30	
Chloroform	mg/Kg	0.05	0.047	0.046	94	93	60-135	2	30	
2,2-Dichloropropane	mg/Kg	0.05	0.047	0.047	95	94	50-135	0	30	
1,2-Dichloroethane	mg/Kg	0.05	0.039	0.038	79	77	60-135	3	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.046	0.045	92	91	60-135	2	30	
1,1-Dichloropropene	mg/Kg	0.05	0.046	0.046	93	92	60-135	0	30	
Carbon tetrachloride	mg/Kg	0.05	0.046	0.046	92	91	60-135	0	30	
Benzene	mg/Kg	0.05	0.048	0.047	96	95	60-135	2	30	
Dibromomethane	mg/Kg	0.05	0.046	0.047	93	94	60-135	2	30	
1,2-Dichloropropane	mg/Kg	0.05	0.045	0.045	90	90	60-135	0	30	
Trichloroethene	mg/Kg	0.05	0.043	0.044	87	87	60-135	2	30	
Bromodichloromethane	mg/Kg	0.05	0.047	0.047	94	93	60-135	0	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.050	0.050	100	101	60-135	0	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.038	0.039	76	78	60-135	3	30	
trans-1,3-Dichloropropene	mg/Kg	0.05	0.041	0.041	82	81	60-135	0	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.046	0.046	93	92	60-135	0	30	
Toluene	mg/Kg	0.05	0.053	0.054	107	107	60-135	2	30	
1,3-Dichloropropane	mg/Kg	0.05	0.051	0.051	101	102	60-135	0	30	
Ethyl methacrylate	mg/Kg	0.05	0.054	0.055	107	111	60-135	2	30	
Dibromochloromethane	mg/Kg	0.05	0.057	0.057	113	113	60-135	0	30	
2-Hexanone	mg/Kg	0.05	0.046	0.048	92	97	60-135	4	30	
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.054	0.054	108	108	60-135	0	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD:		293117	293118							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Tetrachloroethene	mg/Kg	0.05	0.038	0.044	75	87	60-135	15	30	
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.055	0.055	109	110	60-135	0	30	
Chlorobenzene	mg/Kg	0.05	0.054	0.055	109	110	60-135	2	30	
Ethylbenzene	mg/Kg	0.05	0.055	0.055	110	111	60-135	0	30	
m & p-xylene	mg/Kg	0.1	0.110	0.110	110	110	60-135	0	30	
Bromoform	mg/Kg	0.05	0.046	0.047	91	94	60-135	2	30	
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.048	0.050	97	99	60-135	4	30	
Styrene	mg/Kg	0.05	0.055	0.056	110	112	60-135	2	30	
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.057	0.056	113	113	60-135	2	30	
o-Xylene	mg/Kg	0.05	0.053	0.054	107	109	60-135	2	30	
1,2,3-Trichloropropane	mg/Kg	0.05	0.049	0.050	98	101	60-135	2	30	
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.045	0.045	90	89	60-135	0	30	
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.052	0.052	104	105	60-135	0	30	
Bromobenzene	mg/Kg	0.05	0.058	0.057	115	114	60-135	2	30	
n-propylbenzene	mg/Kg	0.05	0.058	0.058	117	116	60-135	0	30	
2-Chlorotoluene	mg/Kg	0.05	0.055	0.054	111	108	60-135	2	30	
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.057	0.056	113	113	60-135	2	30	
4-Chlorotoluene	mg/Kg	0.05	0.056	0.055	112	111	60-135	2	30	
tert-Butylbenzene	mg/Kg	0.05	0.057	0.057	114	113	60-135	0	30	
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.057	0.057	114	113	60-135	0	30	
sec-Butylbenzene	mg/Kg	0.05	0.058	0.057	115	114	60-135	2	30	
1,3-Dichlorobenzene	mg/Kg	0.05	0.056	0.055	111	110	60-135	2	30	
1,4-Dichlorobenzene	mg/Kg	0.05	0.056	0.055	112	110	60-135	2	30	
4-Isopropyltoluene	mg/Kg	0.05	0.057	0.056	114	113	60-135	2	30	
1,2-Dichlorobenzene	mg/Kg	0.05	0.058	0.057	115	114	60-135	2	30	
n-Butylbenzene	mg/Kg	0.05	0.059	0.058	118	116	60-135	2	30	
1,2-DCBP	mg/Kg	0.05	0.052	0.054	103	108	60-135	4	30	
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.054	0.054	108	109	60-135	0	30	
Naphthalene	mg/Kg	0.05	0.053	0.054	106	109	60-135	2	30	
Hexachlorobutadiene	mg/Kg	0.05	0.058	0.056	116	112	60-135	4	30	
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.059	0.059	119	119	60-135	0	30	
Xylenes- Total	mg/Kg	0.15	0.163	0.165	109	110		1		

LABORATORY CONTROL SAMPLE & LCSD:		293119	293120							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				97	96	60-135	1	30	
Toluene d8 (S)	%				95	94	60-135	0.3	30	
4-Bromofluorobenzene (S)	%				97	97	60-135	0.8	30	
Acrolein	mg/Kg	0.25	0.175	0.173	70	69	50-135	1	30	
Acrylonitrile	mg/Kg	0.25	0.186	0.185	74	74	50-135	0.5	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

CERTIFICATE OF ANALYSIS

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387933

Project ID: Homestead Triangle

QUALITY CONTROL PARAMETER QUALIFIERS

- J2 Surrogate recovery was outside defined limits due to matrix interference.
- J2d Surrogate recovery was outside defined limits due to matrix required sample dilution.
- J3a LCS value exceeded accuracy control limits which could bias high sample results; however, sample data is non detect and was not impacted.
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- P Results vary by more than allowed by precision requirement for method.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.
- V Indicates that the analyte was detected in both the sample and the associated method blank.
- V1 Indicates that the analyte was detected in the method blank but was not detected in the associated sample(s).



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933001	SB-7N (0-0.5)	SM 2540G	WGR/6025		
2387933002	SB-7N (0.5-2)	SM 2540G	WGR/6025		
2387933003	SB-7N (2-4)	SM 2540G	WGR/6025		
2387933004	SB-7 (0-0.5)	SM 2540G	WGR/6025		
2387933005	SB-7 (0.5-2)	SM 2540G	WGR/6025		
2387933006	SB-7 (2-4)	SM 2540G	WGR/6025		
2387933007	SB-7E (0-0.5)	SM 2540G	WGR/6025		
2387933008	SB-7E (0.5-2)	SM 2540G	WGR/6025		
2387933009	SB-7E (2-4)	SM 2540G	WGR/6025		
2387933010	SB-7S (0-0.5)	SM 2540G	WGR/6025		
2387933011	SB-7S (0.5-2)	SM 2540G	WGR/6025		
2387933012	SB-7S (2-4)	SM 2540G	WGR/6025		
2387933013	SB-7W (0-0.5)	SM 2540G	WGR/6026		
2387933014	SB-7W (0.5-2)	SM 2540G	WGR/6026		
2387933015	SB-7W (2-4)	SM 2540G	WGR/6026		
2387933016	SB-6N-1 (0-0.5)	SM 2540G	WGR/6026		
2387933017	SB-6E-1 (0-0.5)	SM 2540G	WGR/6026		
2387933018	SB-6S-1 (0-0.5)	SM 2540G	WGR/6026		
2387933019	SB-6W-1 (0-0.5)	SM 2540G	WGR/6026		
2387933020	SB-6W-2 (0-0.5)	SM 2540G	WGR/6026		
2387933021	SB-6S-2 (0-0.5)	SM 2540G	WGR/6026		
2387933022	SB-5N-1 (0-0.5)	SM 2540G	WGR/6026		
2387933023	SB-5N-2 (0-0.5)	SM 2540G	WGR/6026		
2387933024	SB-5E-1 (0-0.5)	SM 2540G	WGR/6026		
2387933025	SB-5E-2 (0-0.5)	SM 2540G	WGR/6026		
2387933026	SB-5W-1 (0-0.5)	SM 2540G	WGR/6026		
2387933027	SB-5W-2 (0-0.5)	SM 2540G	WGR/6026		
2387933028	SB-5W-3 (0-0.5)	SM 2540G	WGR/6026		
2387933029	SB-5W-4 (0-0.5)	SM 2540G	WGR/6026		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933030	SB-5S-1 (0-0.5)	SM 2540G	WGR/6026		
2387933031	SB-5S-2 (0-0.5)	SM 2540G	WGR/6026		
2387933036	SB-4N-1 (0-0.5)	SM 2540G	WGR/6026		
2387933037	SB-4N-2 (0-0.5)	SM 2540G	WGR/6026		
2387933038	SB-4E-1 (0-0.5)	SM 2540G	WGR/6026		
2387933039	SB-4E-2 (0-0.5)	SM 2540G	WGR/6026		
2387933040	SB-4S-1 (0-0.5)	SM 2540G	WGR/6026		
2387933041	SB-4S-2 (0-0.5)	SM 2540G	WGR/6026		
2387933042	SB-4W-1 (0-0.5)	SM 2540G	WGR/6026		
2387933043	SB-4W-2 (0-0.5)	SM 2540G	WGR/6026		
2387933044	SB-4W-3 (0-0.5)	SM 2540G	WGR/6026		
2387933045	SB-4W-4 (0-0.5)	SM 2540G	WGR/6026		
2387933001	SB-7N (0-0.5)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933002	SB-7N (0.5-2)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933003	SB-7N (2-4)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933004	SB-7 (0-0.5)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933005	SB-7 (0.5-2)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933006	SB-7 (2-4)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933007	SB-7E (0-0.5)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933008	SB-7E (0.5-2)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933009	SB-7E (2-4)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933002	SB-7N (0.5-2)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933003	SB-7N (2-4)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933005	SB-7 (0.5-2)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933008	SB-7E (0.5-2)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933009	SB-7E (2-4)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933001	SB-7N (0-0.5)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933004	SB-7 (0-0.5)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933006	SB-7 (2-4)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933007	SB-7E (0-0.5)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933032	7N	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933033	7	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933034	7E	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933035	7S	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933033	7	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6208
2387933035	7S	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6208
2387933032	7N	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6210
2387933034	7E	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6211
2387933001	SB-7N (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933002	SB-7N (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933003	SB-7N (2-4)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933004	SB-7 (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933005	SB-7 (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933006	SB-7 (2-4)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933007	SB-7E (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933008	SB-7E (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933009	SB-7E (2-4)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933010	SB-7S (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933011	SB-7S (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933010	SB-7S (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933011	SB-7S (0.5-2)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933012	SB-7S (2-4)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933013	SB-7W (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933014	SB-7W (0.5-2)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933015	SB-7W (2-4)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991
2387933010	SB-7S (0-0.5)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933011	SB-7S (0.5-2)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933012	SB-7S (2-4)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933013	SB-7W (0-0.5)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933014	SB-7W (0.5-2)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933015	SB-7W (2-4)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6213
2387933032	7N	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933033	7	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933034	7E	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933035	7S	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933032	7N	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933033	7	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933034	7E	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933035	7S	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933012	SB-7S (2-4)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933013	SB-7W (0-0.5)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933014	SB-7W (0.5-2)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933015	SB-7W (2-4)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933001	SB-7N (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933004	SB-7 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933005	SB-7 (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933006	SB-7 (2-4)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933007	SB-7E (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933008	SB-7E (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933009	SB-7E (2-4)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933010	SB-7S (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933011	SB-7S (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933013	SB-7W (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933014	SB-7W (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933015	SB-7W (2-4)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933016	SB-6N-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933017	SB-6E-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933018	SB-6S-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933019	SB-6W-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933020	SB-6W-2 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933021	SB-6S-2 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933016	SB-6N-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933017	SB-6E-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933018	SB-6S-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933019	SB-6W-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933020	SB-6W-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933021	SB-6S-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933022	SB-5N-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933023	SB-5N-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933024	SB-5E-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933025	SB-5E-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933026	SB-5W-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933027	SB-5W-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933028	SB-5W-3 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927



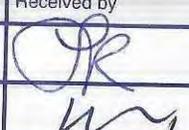
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933029	SB-5W-4 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933030	SB-5S-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933031	SB-5S-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933036	SB-4N-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933037	SB-4N-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933038	SB-4E-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933039	SB-4E-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933040	SB-4S-1 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933041	SB-4S-2 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933042	SB-4W-1 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933043	SB-4W-2 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933044	SB-4W-3 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933045	SB-4W-4 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933032	7N	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933033	7	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933034	7E	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933035	7S	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933032	7N	EPA 5030B	VXX/11987	EPA 8260C	VMS/11809
2387933002	SB-7N (0.5-2)	5035 (High)	VXX/11991	EPA 8260C (MEOH EXT. S)	VMS/11813
2387933003	SB-7N (2-4)	5035 (High)	VXX/11991	EPA 8260C (MEOH EXT. S)	VMS/11813
2387933012	SB-7S (2-4)	5035 (High)	VXX/11991	EPA 8260C (MEOH EXT. S)	VMS/11813



Company Name <u>Stantec</u>						LAB ANALYSIS												Requested Turnaround Time								
Address <u>380 Park Place Blvd</u>						Pres Codes																				
City <u>Clearwater</u> State <u>FL</u> Zip _____						Parameters	RCRA 8 Metals	PAHs 8270	VOCs 8260	TRPH	FLPRO													Field Filtered (Y/N)	Note: Rush requests subject to acceptance by the laboratory	
Sampling Site Address _____																									X Standard	
Attn: <u>Kevin Yue</u> Email _____																									Expedited	
Project Name <u>Homestead Triangle</u> Project # _____																									Due ___/___/___	
Sampler Name/Signature <u>E. Gonzalez</u>																		Comments								
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont																					
1	SB-7N (0-0.5)	10/4/23	920	S	7	X	X	X	X																	
2	SB-7N (0.5-2)		925			X	X	X	X																	
3	SB-7N (2-4)		930			X	X	X	X																	
4	SB-7 (0-0.5)		1010			X	X	X	X																	
5	SB-7 (0.5-2)		1015			X	X	X	X																	
6	SB-7 (2-4)		1020			X	X	X	X																	
7	SB-7E (0-0.5)		1050			X	X	X	X																	
8	SB-7E (0.5-2)		1055			X	X	X	X																	
9	SB-7E (2-4)		1100			X	X	X	X																	
0	SB-7S (0-0.5)		1125			X	X	X	X																	
Matrix Codes*						Pres Codes		Relinquished by		Date	Time	Received by		Date	Time											
S Soil/Solid Sediment SW Surface Water						A- none I- Ice				10/5/23	1305			10/5/23	13:05											
GW Ground Water SL Sludge						B- HNO ₃ O- Other				10/5/23	1754			10/5/23	1754											
WW Waste Water O Other (Please Specify)						C- H ₂ SO ₄ M- MeOH				10/5/23	1955			10/5/23	19:55											
DW Drinking Water						D- NaOH N- Na ₂ S ₂ O ₈																				
						E- HCl Z- ZnAc																				
QA/QC level with report																										
None <u>1</u> <u>2</u> <u>3</u> See price guide for applicable fees																										
FDEP Dry Cleaning <input type="checkbox"/> FDEP UST Pre-Approval <input type="checkbox"/>						Temp Control:																				
SFWMD <input type="checkbox"/> ADaPT <input type="checkbox"/> DOT <input type="checkbox"/>						1.5 °C																				

Company Name <u>Stantec</u>						LAB ANALYSIS												Requested Turnaround Time																																																																																																																										
Address						Parameters	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Pres Codes</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>												Pres Codes																																																																																																																								Note: Rush requests subject to acceptance by the laboratory	
Pres Codes																																																																																																																																												
City _____ State _____ Zip _____						Field Filtered (Y/N)												Standard																																																																																																																										
Sampling Site Address																		Expedited																																																																																																																										
Attn: <u>Kevin Yue</u> Email _____																		Due ___/___/___																																																																																																																										
Project Name <u>Homestead Triangle</u> Project # _____																		Comments																																																																																																																										
Sampler Name/Signature <u>E. Gonzalez</u>																																																																																																																																												
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont																																																																																																																																							
1	SB-7S (0.5-2)	10/4/23	1130	S	7	X	X	X	X																																																																																																																																			
2	SB-7S (2-4)		1135			X	X	X	X																																																																																																																																			
3	SB-7W (0-0.5)		1205			X	X	X	X																																																																																																																																			
4	SB-7W (0.5-2)		1210			X	X	X	X																																																																																																																																			
5	SB-7W (2-4)		1215			X	X	X	X																																																																																																																																			
6	SB-6N-1 (0-0.5)		1240		5	X		X																																																																																																																																				
7	SB-6E-1 (0-0.5)		1250			X		X																																																																																																																																				
8	SB-6S-1 (0-0.5)		1300			X		X																																																																																																																																				
9	SB-6W-1 (0-0.5)		1310			X		X																																																																																																																																				
0	SB-6W-2 (0-0.5)		1320			X		X																																																																																																																																				

Company Name Stantec

Address _____

City _____ State _____ Zip _____

Sampling Site Address _____

Attn: Kevin Yue Email _____

Project Name Homestead Triangle Project # _____

Sampler Name/Signature E. Gonzalez

LAB ANALYSIS						Parameters	Pres Codes	Field Filtered (Y/N)
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont			
						RCRA 8 Metals tot		
						RCRA 8 Metals Dis		
						VOCs 8260		
						PAHs 8270		
						TRPH/FLPRO		
						RCRA 8 Metals		

Requested Turnaround Time _____

Note: Rush requests subject to acceptance by the laboratory

___ Standard

___ Expedited

Due ___/___/___

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont
1	SB-5S-2(0-0.5)	10/4/23	1510	S	1
2	7N	↓	945	GW	7
3	7	↓	1030	↓	↓
4	7E	↓	1115	↓	↓
5	7S	↓	1150	↓	↓
6	SB-4N-1(0-0.5)	10/5/23	910	S	1
7	SB-4N-2(0-0.5)	↓	920	↓	↓
8	SB-4E-1(0-0.5)	↓	930	↓	↓
9	SB-4E-2(0-0.5)	↓	940	↓	↓
0	SB-4S-1(0-0.5)	↓	950	↓	↓

Matrix Codes*	Pres Codes	Relinquished by	Date	Time	Received by	Date	Time
S Soil/Solid Sediment GW Ground Water WW Waste Water DW Drinking Water	SW Surface Water SL Sludge O Other (Please Specify)	A- none B- HNO ₃ C- H ₂ SO ₄ D- NaOH E- HCl	I- Ice O- Other M- MeOH N- Na ₂ S ₂ O ₃ Z- ZnAc	<u>[Signature]</u>	10/5/23	1305	10/5/23 1305
		<u>[Signature]</u>	10/5/23	1754	<u>[Signature]</u>	10/5/23	1754
		<u>[Signature]</u>	10/5/23	1955	<u>[Signature]</u>	10/5/23	19:55

QA/QC level with report
 None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 1.5 °C

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2387933	Profile:	4527
Client:	Stantec	Project:	K. Yue
Level:	1	Date Rec'd:	10/5/2023 7:55:00 PM
Rec'd via:	courier		

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	1.5	45	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: KS

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	Yes	Written on Internal COC?	No
pH Strip Lot #	HC205981	Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #	22633, 25371	Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	No
Number of Encores		Number of Lab Filtered Metals	

Samples Labeled by KS o 10/6/2023 Labels Confirmed by AOJ o 10/6/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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Client Information

SDG: 2387933

Profile: 4527

Client: Stantec

Project: K. Yue

Level: 1

Date Rec'd: 10/5/2023 7:55:00 PM

Rec'd via: courier

LabID	ClientID	Discrepancy	Resolution
2387933032		Sample arrived unpreserved for metals analysis.	Sample was preserved in lab with nitric acid to reach a pH of 2.00 to proceed with metals analysis.
2387933033		Sample arrived unpreserved for metals analysis.	Sample was preserved in lab with nitric acid to reach a pH of 2.00 to proceed with metals analysis.
2387933034		Sample arrived unpreserved for metals and FLPRO analysis.	Sample was preserved in lab with nitric acid and HCl to reach a pH of 2.00 to proceed with metals and FLPRO analysis.
2387933035		Sample arrived unpreserved for metals analysis.	Sample was preserved in lab with nitric acid to reach a pH of 2.00 to proceed with metals analysis.

October 25, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387933
Project ID: Homestead Triangle

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, October 05, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Genesis De Sousa for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933001	SB-7N (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933002	SB-7N (0.5-2)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933003	SB-7N (2-4)	EPA 6020	8
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
		EPA 1311/200.8	1
2387933004	SB-7 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
		EPA 1311/200.8	1
2387933005	SB-7 (0.5-2)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
		EPA 1311/200.8	1
2387933006	SB-7 (2-4)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
		EPA 1311/200.8	1



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933007	SB-7E (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933008	SB-7E (0.5-2)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933009	SB-7E (2-4)	EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933010	SB-7S (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933011	SB-7S (0.5-2)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1
2387933012	SB-7S (2-4)	EPA 6020	8
		EPA 8260C (MEOH EXT. S)	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
		SM 2540G	1



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933013	SB-7W (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
		FL-PRO (GC)	3
2387933014	SB-7W (0.5-2)	SM 2540G	1
		EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
2387933015	SB-7W (2-4)	FL-PRO (GC)	3
		SM 2540G	1
		EPA 6020	8
		EPA 8260C	76
		EPA 8310 List by 8270E SIM (S)	21
2387933016	SB-6N-1 (0-0.5)	FL-PRO (GC)	3
		SM 2540G	1
		EPA 6020	8
		EPA 8260C	76
		EPA 1311/200.8	1
2387933017	SB-6E-1 (0-0.5)	EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
		EPA 6020	8
2387933018	SB-6S-1 (0-0.5)	EPA 8260C	76
		SM 2540G	1
		EPA 6020	8
		EPA 1311/200.8	1
2387933019	SB-6W-1 (0-0.5)	EPA 8260C	76
		SM 2540G	1
		EPA 6020	8
		EPA 1311/200.8	1
2387933020	SB-6W-2 (0-0.5)	EPA 6020	8
		EPA 1311/200.8	1



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933020	SB-6W-2 (0-0.5)	EPA 8260C	76
		SM 2540G	1
2387933021	SB-6S-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8260C	76
		SM 2540G	1
2387933022	SB-5N-1 (0-0.5)	EPA 1311/200.8	3
		EPA 6020	8
		SM 2540G	1
2387933023	SB-5N-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933024	SB-5E-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933025	SB-5E-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933026	SB-5W-1 (0-0.5)	EPA 1311/200.8	3
		EPA 6020	8
		SM 2540G	1
2387933027	SB-5W-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933028	SB-5W-3 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933029	SB-5W-4 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933030	SB-5S-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933031	SB-5S-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933031	SB-5S-2 (0-0.5)	SM 2540G	1
2387933032	7N	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933033	7	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933034	7E	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933035	7S	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3
2387933036	SB-4N-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933037	SB-4N-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933038	SB-4E-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933039	SB-4E-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933040	SB-4S-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387933041	SB-4S-2 (0-0.5)	EPA 1311/200.8	2

Report ID: 2387933 - 3843152
10/25/2023

Page 6 of 177

NELAP Accredited

FDOH# E86546

CERTIFICATE OF ANALYSIS

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without the written consent of Jupiter Environmental Laboratories, Inc..



SAMPLE ANALYTE COUNT

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387933041	SB-4S-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933042	SB-4W-1 (0-0.5)	EPA 1311/200.8	3
		EPA 6020	8
		SM 2540G	1
2387933043	SB-4W-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933044	SB-4W-3 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387933045	SB-4W-4 (0-0.5)	EPA 6020	8
		SM 2540G	1



SAMPLE SUMMARY

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387933001	SB-7N (0-0.5)	Soil/Solid	10/4/2023 09:20	10/5/2023 19:55
2387933002	SB-7N (0.5-2)	Soil/Solid	10/4/2023 09:25	10/5/2023 19:55
2387933003	SB-7N (2-4)	Soil/Solid	10/4/2023 09:30	10/5/2023 19:55
2387933004	SB-7 (0-0.5)	Soil/Solid	10/4/2023 10:10	10/5/2023 19:55
2387933005	SB-7 (0.5-2)	Soil/Solid	10/4/2023 10:15	10/5/2023 19:55
2387933006	SB-7 (2-4)	Soil/Solid	10/4/2023 10:20	10/5/2023 19:55
2387933007	SB-7E (0-0.5)	Soil/Solid	10/4/2023 10:50	10/5/2023 19:55
2387933008	SB-7E (0.5-2)	Soil/Solid	10/4/2023 10:55	10/5/2023 19:55
2387933009	SB-7E (2-4)	Soil/Solid	10/4/2023 11:00	10/5/2023 19:55
2387933010	SB-7S (0-0.5)	Soil/Solid	10/4/2023 11:25	10/5/2023 19:55
2387933011	SB-7S (0.5-2)	Soil/Solid	10/4/2023 11:30	10/5/2023 19:55
2387933012	SB-7S (2-4)	Soil/Solid	10/4/2023 11:35	10/5/2023 19:55
2387933013	SB-7W (0-0.5)	Soil/Solid	10/4/2023 12:05	10/5/2023 19:55
2387933014	SB-7W (0.5-2)	Soil/Solid	10/4/2023 12:10	10/5/2023 19:55
2387933015	SB-7W (2-4)	Soil/Solid	10/4/2023 12:15	10/5/2023 19:55
2387933016	SB-6N-1 (0-0.5)	Soil/Solid	10/4/2023 12:40	10/5/2023 19:55
2387933017	SB-6E-1 (0-0.5)	Soil/Solid	10/4/2023 12:50	10/5/2023 19:55
2387933018	SB-6S-1 (0-0.5)	Soil/Solid	10/4/2023 13:00	10/5/2023 19:55
2387933019	SB-6W-1 (0-0.5)	Soil/Solid	10/4/2023 13:10	10/5/2023 19:55
2387933020	SB-6W-2 (0-0.5)	Soil/Solid	10/4/2023 13:20	10/5/2023 19:55
2387933021	SB-6S-2 (0-0.5)	Soil/Solid	10/4/2023 13:30	10/5/2023 19:55
2387933022	SB-5N-1 (0-0.5)	Soil/Solid	10/4/2023 13:40	10/5/2023 19:55
2387933023	SB-5N-2 (0-0.5)	Soil/Solid	10/4/2023 13:50	10/5/2023 19:55
2387933024	SB-5E-1 (0-0.5)	Soil/Solid	10/4/2023 14:00	10/5/2023 19:55
2387933025	SB-5E-2 (0-0.5)	Soil/Solid	10/4/2023 14:10	10/5/2023 19:55
2387933026	SB-5W-1 (0-0.5)	Soil/Solid	10/4/2023 14:20	10/5/2023 19:55
2387933027	SB-5W-2 (0-0.5)	Soil/Solid	10/4/2023 14:30	10/5/2023 19:55
2387933028	SB-5W-3 (0-0.5)	Soil/Solid	10/4/2023 14:40	10/5/2023 19:55
2387933029	SB-5W-4 (0-0.5)	Soil/Solid	10/4/2023 14:50	10/5/2023 19:55
2387933030	SB-5S-1 (0-0.5)	Soil/Solid	10/4/2023 15:00	10/5/2023 19:55
2387933031	SB-5S-2 (0-0.5)	Soil/Solid	10/4/2023 15:10	10/5/2023 19:55
2387933032	7N	Aqueous Liquid	10/4/2023 09:45	10/5/2023 19:55
2387933033	7	Aqueous Liquid	10/4/2023 10:30	10/5/2023 19:55
2387933034	7E	Aqueous Liquid	10/4/2023 11:15	10/5/2023 19:55
2387933035	7S	Aqueous Liquid	10/4/2023 11:50	10/5/2023 19:55



SAMPLE SUMMARY

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387933036	SB-4N-1 (0-0.5)	Soil/Solid	10/5/2023 09:10	10/5/2023 19:55
2387933037	SB-4N-2 (0-0.5)	Soil/Solid	10/5/2023 09:20	10/5/2023 19:55
2387933038	SB-4E-1 (0-0.5)	Soil/Solid	10/5/2023 09:30	10/5/2023 19:55
2387933039	SB-4E-2 (0-0.5)	Soil/Solid	10/5/2023 09:40	10/5/2023 19:55
2387933040	SB-4S-1 (0-0.5)	Soil/Solid	10/5/2023 09:50	10/5/2023 19:55
2387933041	SB-4S-2 (0-0.5)	Soil/Solid	10/5/2023 10:00	10/5/2023 19:55
2387933042	SB-4W-1 (0-0.5)	Soil/Solid	10/5/2023 10:10	10/5/2023 19:55
2387933043	SB-4W-2 (0-0.5)	Soil/Solid	10/5/2023 10:20	10/5/2023 19:55
2387933044	SB-4W-3 (0-0.5)	Soil/Solid	10/5/2023 10:30	10/5/2023 19:55
2387933045	SB-4W-4 (0-0.5)	Soil/Solid	10/5/2023 10:40	10/5/2023 19:55

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0-0.5)** Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.851	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
2-Methylnaphthalene	U	mg/Kg	0.851	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Acenaphthene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Acenaphthylene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Anthracene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(a)anthracene	0.205i	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(a)pyrene	0.161i	mg/Kg	0.255	0.039	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(b)fluoranthene	0.239i	mg/Kg	0.255	0.055	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(g,h,i)perylene	0.305	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Benzo(k)fluoranthene	0.110i	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Chrysene	0.186i	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Dibenzo(a,h)anthracene	0.051i	mg/Kg	0.255	0.021	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Nitrobenzene-d5 (S)	82	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Fluoranthene	0.385i	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Fluorene	U	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Indeno(1,2,3-cd)pyrene	0.329	mg/Kg	0.255	0.064	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Naphthalene	U	mg/Kg	0.851	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Phenanthrene	U	mg/Kg	0.426	0.213	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
Pyrene	0.269i	mg/Kg	0.426	0.106	1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
2-Fluorobiphenyl (S)	87	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB
p-Terphenyl-d14 (S)	73	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 16:49	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00313	0.000938	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00313	0.000860	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
Toluene d8 (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00313	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00313	0.000797	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1-Dichloroethane	U	mg/Kg	0.00313	0.00122	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1-Dichloroethene	U	mg/Kg	0.00313	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,1-Dichloropropene	U	mg/Kg	0.00313	0.000735	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00156	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00469	0.00188	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00313	0.00141	1	10/6/2023 10:00	TDB	10/6/2023 15:38	TDB

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0-0.5)** Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00313	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-DBC		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00313	0.000750	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dichloroethane		U mg/Kg	0.00313	0.00131	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,2-Dichloropropane		U mg/Kg	0.00313	0.000938	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,3-Dichloropropane		U mg/Kg	0.00313	0.000703	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
2,2-Dichloropropane		U mg/Kg	0.00313	0.000828	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
2-Chlorotoluene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
2-Hexanone		U mg/Kg	0.00469	0.00180	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
4-Chlorotoluene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
4-Isopropyltoluene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00313	0.000844	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Acetone		U mg/Kg	0.016	0.00486	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Acrolein		U mg/Kg	0.016	0.00728	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Acrylonitrile		U mg/Kg	0.031	0.012	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Benzene		U mg/Kg	0.00313	0.000719	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromobenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromochloromethane		U mg/Kg	0.00469	0.00173	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromodichloromethane		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromoform		U mg/Kg	0.00313	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Bromomethane		U mg/Kg	0.00469	0.00234	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Carbon disulfide		U mg/Kg	0.00625	0.00313	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Carbon tetrachloride		U mg/Kg	0.00313	0.000844	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chlorobenzene		U mg/Kg	0.00313	0.000672	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chloroethane		U mg/Kg	0.00313	0.000907	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Chloromethane		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Dibromochloromethane		U mg/Kg	0.00313	0.000891	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Dibromomethane		U mg/Kg	0.00313	0.00178	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00313	0.000875	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Ethyl methacrylate		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Ethylbenzene		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Hexachlorobutadiene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Iodomethane		U mg/Kg	0.00781	0.00313	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.016	0.00227	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Methylene chloride		U mg/Kg	0.023	0.016	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Naphthalene		U mg/Kg	0.016	0.00781	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	

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10/25/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0-0.5)** Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Tetrachloroethene		U mg/Kg	0.00313	0.000703	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Toluene		U mg/Kg	0.00313	0.00133	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Trichloroethene		U mg/Kg	0.00313	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Trichlorofluoromethane		U mg/Kg	0.00313	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Vinyl acetate		U mg/Kg	0.00313	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Vinyl chloride		U mg/Kg	0.00313	0.00153	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
Xylenes- Total		U mg/Kg	0.00313	0.00155	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00313	0.000688	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00313	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
m & p-xylene	0.00105i	mg/Kg	0.00313	0.00100	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
n-Butylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
n-propylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
o-Xylene		U mg/Kg	0.00313	0.000625	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
sec-Butylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00469	0.00173	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
tert-Butylbenzene		U mg/Kg	0.00313	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00313	0.00139	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00313	0.000688	1 10/6/2023 10:00	TDB	10/6/2023 15:38	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.3 %	0.1	1	10/6/2023 09:53	CT				

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	60 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 19:59	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	76 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 19:59	BFM		
Florida Pro Total	349 mg/Kg	246	81.9	5	10/6/2023 15:03	NI	10/9/2023 19:59	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	36 mg/Kg	1.4	0.28	2	10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Arsenic	5.8 mg/Kg	0.65	0.11	2	10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Selenium	U mg/Kg	1.3	0.61	2	10/9/2023 12:44	ECW	10/9/2023 14:38	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933001**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7N (0-0.5)**

Date Collected: 10/4/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver	0.80	mg/Kg	0.65	0.39	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Cadmium	6.3	mg/Kg	0.65	0.12	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Barium	120	mg/Kg	1.4	0.28	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Mercury	0.73i	mg/Kg	0.79	0.16	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	
Lead	790	mg/Kg	0.65	0.10	2 10/9/2023 12:44	ECW	10/9/2023 14:38	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.10	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 15:05	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.859	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
2-Methylnaphthalene	U	mg/Kg	0.859	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Acenaphthene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Acenaphthylene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Anthracene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(a)anthracene	0.117i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(a)pyrene	0.078i	mg/Kg	0.258	0.040	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(b)fluoranthene	0.107i	mg/Kg	0.258	0.056	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(g,h,i)perylene	0.069i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Chrysene	0.111i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.258	0.021	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Nitrobenzene-d5 (S)	81	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Fluoranthene	0.297i	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Fluorene	U	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Indeno(1,2,3-cd)pyrene	0.088i	mg/Kg	0.258	0.064	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Naphthalene	U	mg/Kg	0.859	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Phenanthrene	U	mg/Kg	0.430	0.215	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
Pyrene	0.173i	mg/Kg	0.430	0.107	1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
2-Fluorobiphenyl (S)	76	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB
p-Terphenyl-d14 (S)	69	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 17:12	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.253	0.076	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
Dibromofluoromethane (S)	93	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.253	0.070	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
Toluene d8 (S)	94	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.253	0.061	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
4-Bromofluorobenzene (S)	93	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.253	0.065	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1-Dichloroethane	U	mg/Kg	0.253	0.099	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1-Dichloroethene	U	mg/Kg	0.253	0.114	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,1-Dichloropropene	U	mg/Kg	0.253	0.060	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.127	0.018	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.380	0.152	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.253	0.028	50	10/12/2023 10:00	TDB	10/12/2023 15:17	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.253	0.034	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-DBCP		U mg/Kg	0.253	0.027	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.253	0.061	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.253	0.037	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dichloroethane		U mg/Kg	0.253	0.106	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,2-Dichloropropane		U mg/Kg	0.253	0.076	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.253	0.027	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.253	0.039	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,3-Dichloropropane		U mg/Kg	0.253	0.057	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.253	0.043	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
2,2-Dichloropropane		U mg/Kg	0.253	0.067	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
2-Chlorotoluene		U mg/Kg	0.253	0.047	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
2-Hexanone		U mg/Kg	0.380	0.146	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
4-Chlorotoluene		U mg/Kg	0.253	0.041	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
4-Isopropyltoluene		U mg/Kg	0.253	0.030	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
4-methyl-2-pentanone		U mg/Kg	0.253	0.068	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Acetone		U mg/Kg	1.27	0.394	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Acrolein		U mg/Kg	1.27	0.590	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Acrylonitrile		U mg/Kg	2.53	0.951	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Benzene		U mg/Kg	0.253	0.058	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromobenzene		U mg/Kg	0.253	0.047	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromochloromethane		U mg/Kg	0.380	0.141	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromodichloromethane		U mg/Kg	0.253	0.046	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromoform		U mg/Kg	0.253	0.095	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Bromomethane		U mg/Kg	0.380	0.190	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Carbon disulfide		U mg/Kg	0.253	0.091	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Carbon tetrachloride		U mg/Kg	0.253	0.068	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chlorobenzene		U mg/Kg	0.253	0.054	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chloroethane		U mg/Kg	0.253	0.073	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chloroform		U mg/Kg	1.90	0.836	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Chloromethane		U mg/Kg	0.253	0.086	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Dibromochloromethane		U mg/Kg	0.253	0.072	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Dibromomethane		U mg/Kg	0.253	0.144	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Dichlorodifluoromethane		U mg/Kg	0.253	0.047	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.253	0.071	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Ethyl methacrylate		U mg/Kg	0.253	0.046	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Ethylbenzene		U mg/Kg	0.253	0.042	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Hexachlorobutadiene		U mg/Kg	0.253	0.028	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Iodomethane		U mg/Kg	0.633	0.253	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.253	0.042	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	1.27	0.184	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Methylene chloride		U mg/Kg	1.90	1.27	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Naphthalene		U mg/Kg	1.27	0.633	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.253	0.039	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Tetrachloroethene		U mg/Kg	0.253	0.057	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Toluene		U mg/Kg	0.253	0.051	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Trichloroethene		U mg/Kg	0.253	0.099	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Trichlorofluoromethane		U mg/Kg	0.253	0.095	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Vinyl acetate		U mg/Kg	0.253	0.104	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Vinyl chloride		U mg/Kg	0.253	0.124	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
Xylenes- Total		U mg/Kg	0.253	0.125	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.253	0.056	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.253	0.118	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
m & p-xylene		U mg/Kg	0.253	0.081	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
n-Butylbenzene		U mg/Kg	0.253	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
n-propylbenzene		U mg/Kg	0.253	0.038	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
o-Xylene		U mg/Kg	0.253	0.044	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
sec-Butylbenzene		U mg/Kg	0.253	0.029	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	2.53	0.897	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.380	0.141	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
tert-Butylbenzene		U mg/Kg	0.253	0.037	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.253	0.113	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.253	0.056	50 10/12/2023 10:00	TDB	10/12/2023 15:17	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	75.6 %	0.1	1	10/6/2023 10:03	CT				

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545							
			Analytical Method: FL-PRO (GC)							
o-Terphenyl (S)	69 %	66-136	5 10/6/2023 15:03	NI	10/9/2023 19:59	BFM				

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545							
			Analytical Method: FL-PRO (GC)							
Nonatriacontane (S)	88 %	36-132	5 10/6/2023 15:03	NI	10/9/2023 19:59	BFM				
Florida Pro Total	U mg/Kg	248	82.7	5 10/6/2023 15:03	NI	10/9/2023 19:59	BFM			

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)							
			Analytical Method: EPA 6020							
Chromium	33 mg/Kg	1.4	0.29	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB			
Arsenic	2.8 mg/Kg	0.66	0.11	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB			
Selenium	0.65i mg/Kg	1.3	0.62	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB			



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933002** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (0.5-2)** Date Collected: 10/4/2023 09:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.66	0.40	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Cadmium	1.1	mg/Kg	0.66	0.12	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Barium	57	mg/Kg	1.5	0.29	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Mercury	0.41i	mg/Kg	0.81	0.16	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	
Lead	150	mg/Kg	0.66	0.10	2 10/9/2023 12:44	ECW	10/9/2023 14:43	DB	L1

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Lead	0.0094	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 15:09	DB	
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (2-4)** Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.841	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
2-Methylnaphthalene	U	mg/Kg	0.841	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Acenaphthene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Acenaphthylene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Anthracene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(a)anthracene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(a)pyrene	U	mg/Kg	0.252	0.039	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.252	0.055	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Chrysene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.252	0.021	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Nitrobenzene-d5 (S)	75	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Fluoranthene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Fluorene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.252	0.063	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Naphthalene	U	mg/Kg	0.841	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Phenanthrene	U	mg/Kg	0.421	0.210	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
Pyrene	U	mg/Kg	0.421	0.105	1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
2-Fluorobiphenyl (S)	68	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB
p-Terphenyl-d14 (S)	86	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 17:35	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.059	0.018	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
Dibromofluoromethane (S)	90	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.059	0.016	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
Toluene d8 (S)	93	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.059	0.014	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
4-Bromofluorobenzene (S)	92	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.059	0.015	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1-Dichloroethane	U	mg/Kg	0.059	0.023	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1-Dichloroethene	U	mg/Kg	0.059	0.026	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,1-Dichloropropene	U	mg/Kg	0.059	0.014	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.029	0.00411	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.088	0.035	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.059	0.00645	50	10/12/2023 10:00	TDB	10/12/2023 15:41	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (2-4)** Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene	U	mg/Kg	0.059	0.00792	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-DBCP	U	mg/Kg	0.059	0.00616	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dibromoethane (EDB)	U	mg/Kg	0.059	0.014	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dichlorobenzene	U	mg/Kg	0.059	0.00851	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dichloroethane	U	mg/Kg	0.059	0.025	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,2-Dichloropropane	U	mg/Kg	0.059	0.018	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,3,5-Trimethylbenzene	U	mg/Kg	0.059	0.00616	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,3-Dichlorobenzene	U	mg/Kg	0.059	0.00910	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,3-Dichloropropane	U	mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
1,4-Dichlorobenzene	U	mg/Kg	0.059	0.00998	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
2,2-Dichloropropane	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
2-Chlorotoluene	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
2-Hexanone	U	mg/Kg	0.088	0.034	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
4-Chlorotoluene	U	mg/Kg	0.059	0.00939	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
4-Isopropyltoluene	U	mg/Kg	0.059	0.00704	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
4-methyl-2-pentanone	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Acetone	U	mg/Kg	0.293	0.091	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Acrolein	U	mg/Kg	0.293	0.137	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Acrylonitrile	U	mg/Kg	0.587	0.220	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Benzene	U	mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromobenzene	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromochloromethane	U	mg/Kg	0.088	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromodichloromethane	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromoform	U	mg/Kg	0.059	0.022	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Bromomethane	U	mg/Kg	0.088	0.044	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Carbon disulfide	U	mg/Kg	0.059	0.021	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Carbon tetrachloride	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chlorobenzene	U	mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chloroethane	U	mg/Kg	0.059	0.017	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chloroform	U	mg/Kg	0.440	0.194	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Chloromethane	U	mg/Kg	0.059	0.020	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Dibromochloromethane	U	mg/Kg	0.059	0.017	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Dibromomethane	U	mg/Kg	0.059	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Dichlorodifluoromethane	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
cis-1,3-Dichloropropene	U	mg/Kg	0.059	0.016	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Ethyl methacrylate	U	mg/Kg	0.059	0.011	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Ethylbenzene	U	mg/Kg	0.059	0.00968	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Hexachlorobutadiene	U	mg/Kg	0.059	0.00645	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Iodomethane	U	mg/Kg	0.147	0.059	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Isopropylbenzene (Cumene)	U	mg/Kg	0.059	0.00968	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Methyl ethyl ketone (MEK)	U	mg/Kg	0.293	0.043	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Methylene chloride	U	mg/Kg	0.440	0.293	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Naphthalene	U	mg/Kg	0.293	0.147	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7N (2-4)** Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.059	0.00910	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Tetrachloroethene		U mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Toluene		U mg/Kg	0.059	0.012	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Trichloroethene		U mg/Kg	0.059	0.023	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Trichlorofluoromethane		U mg/Kg	0.059	0.022	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Vinyl acetate		U mg/Kg	0.059	0.024	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Vinyl chloride		U mg/Kg	0.059	0.029	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
Xylenes- Total		U mg/Kg	0.059	0.029	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.059	0.027	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
m & p-xylene		U mg/Kg	0.059	0.019	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
n-Butylbenzene		U mg/Kg	0.059	0.00763	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
n-propylbenzene		U mg/Kg	0.059	0.00880	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
o-Xylene		U mg/Kg	0.059	0.010	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
sec-Butylbenzene		U mg/Kg	0.059	0.00675	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.587	0.208	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.088	0.033	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
tert-Butylbenzene		U mg/Kg	0.059	0.00851	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.059	0.026	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.059	0.013	50 10/12/2023 10:00	TDB	10/12/2023 15:41	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.2 %	0.1	1	10/6/2023 10:03	CT				
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	45 %	66-136	1	10/6/2023 15:03	NI	10/9/2023 17:25	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	74 %	36-132	1	10/6/2023 15:03	NI	10/9/2023 17:25	BFM		
Florida Pro Total	U mg/Kg	48.6	16.2	1	10/6/2023 15:03	NI	10/9/2023 17:25	BFM	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	3.9 mg/Kg	1.4	0.28	2	10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Arsenic	0.28i mg/Kg	0.65	0.11	2	10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Selenium	U mg/Kg	1.3	0.61	2	10/9/2023 12:44	ECW	10/9/2023 15:10	DB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933003**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7N (2-4)**

Date Collected: 10/4/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.65	0.39	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Cadmium		U mg/Kg	0.65	0.12	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Barium	10	mg/Kg	1.4	0.29	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Mercury		U mg/Kg	0.79	0.16	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	
Lead	1.5	mg/Kg	0.65	0.10	2 10/9/2023 12:44	ECW	10/9/2023 15:10	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.784	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
2-Methylnaphthalene	U	mg/Kg	0.784	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Acenaphthene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Acenaphthylene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Anthracene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(a)anthracene	0.304	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(a)pyrene	0.239	mg/Kg	0.235	0.036	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(b)fluoranthene	0.343	mg/Kg	0.235	0.051	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(g,h,i)perylene	0.506	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Benzo(k)fluoranthene	0.149i	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Chrysene	0.268	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Dibenzo(a,h)anthracene	0.073i	mg/Kg	0.235	0.020	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Nitrobenzene-d5 (S)	73	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Fluoranthene	0.506	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Fluorene	U	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Indeno(1,2,3-cd)pyrene	0.524	mg/Kg	0.235	0.059	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Naphthalene	U	mg/Kg	0.784	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Phenanthrene	U	mg/Kg	0.392	0.196	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
Pyrene	0.467	mg/Kg	0.392	0.098	1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
2-Fluorobiphenyl (S)	82	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB
p-Terphenyl-d14 (S)	81	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 17:58	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00277	0.000831	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00277	0.000762	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00277	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00277	0.000707	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1-Dichloroethane	U	mg/Kg	0.00277	0.00108	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1-Dichloroethene	U	mg/Kg	0.00277	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,1-Dichloropropene	U	mg/Kg	0.00277	0.000651	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00139	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00416	0.00166	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00277	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 16:03	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00277	0.00104	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-DBCP		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00277	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dichloroethane		U mg/Kg	0.00277	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,2-Dichloropropane		U mg/Kg	0.00277	0.000831	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,3-Dichloropropane		U mg/Kg	0.00277	0.000624	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
2,2-Dichloropropane		U mg/Kg	0.00277	0.000734	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
2-Chlorotoluene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
2-Hexanone		U mg/Kg	0.00416	0.00159	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
4-Chlorotoluene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
4-Isopropyltoluene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00277	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Acetone		U mg/Kg	0.014	0.00431	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Acrolein		U mg/Kg	0.014	0.00646	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Acrylonitrile		U mg/Kg	0.028	0.010	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Benzene		U mg/Kg	0.00277	0.000637	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromobenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromochloromethane		U mg/Kg	0.00416	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromodichloromethane		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromoform		U mg/Kg	0.00277	0.00104	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Bromomethane		U mg/Kg	0.00416	0.00208	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Carbon disulfide		U mg/Kg	0.00554	0.00277	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Carbon tetrachloride		U mg/Kg	0.00277	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chlorobenzene		U mg/Kg	0.00277	0.000596	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chloroethane		U mg/Kg	0.00277	0.000804	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chloroform		U mg/Kg	0.021	0.00915	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Chloromethane		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Dibromochloromethane		U mg/Kg	0.00277	0.000790	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Dibromomethane		U mg/Kg	0.00277	0.00158	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00277	0.000776	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Ethyl methacrylate		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Ethylbenzene		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Hexachlorobutadiene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Iodomethane		U mg/Kg	0.00693	0.00277	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.014	0.00201	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Methylene chloride		U mg/Kg	0.021	0.014	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Naphthalene		U mg/Kg	0.014	0.00693	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Tetrachloroethene		U mg/Kg	0.00277	0.000624	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Toluene		U mg/Kg	0.00277	0.00118	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Trichloroethene		U mg/Kg	0.00277	0.00108	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Trichlorofluoromethane		U mg/Kg	0.00277	0.00104	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Vinyl acetate		U mg/Kg	0.00277	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Vinyl chloride		U mg/Kg	0.00277	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
Xylenes- Total		U mg/Kg	0.00277	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00277	0.000610	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00277	0.00129	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
m & p-xylene		U mg/Kg	0.00277	0.000887	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
n-Butylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
n-propylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
o-Xylene		U mg/Kg	0.00277	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
sec-Butylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.028	0.00981	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00416	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
tert-Butylbenzene		U mg/Kg	0.00277	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00277	0.00123	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00277	0.000610	1 10/6/2023 10:00	TDB	10/6/2023 16:03	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.9 %	0.1	1				10/6/2023 10:11	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	69 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM		

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	95 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM		
Florida Pro Total	347 mg/Kg	226	75.5	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	39 mg/Kg	1.3	0.26	2	10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Arsenic	5.7 mg/Kg	0.60	0.098	2	10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Selenium	U mg/Kg	1.2	0.56	2	10/9/2023 12:44	ECW	10/9/2023 15:14	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933004** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0-0.5)** Date Collected: 10/4/2023 10:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver	0.40i	mg/Kg	0.60	0.36	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Cadmium	2.6	mg/Kg	0.60	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Barium	81	mg/Kg	1.3	0.26	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Mercury	0.68i	mg/Kg	0.73	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	
Lead	520	mg/Kg	0.60	0.093	2 10/9/2023 12:44	ECW	10/9/2023 15:14	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.023	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 15:14	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.777	0.194	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
2-Methylnaphthalene	U	mg/Kg	0.777	0.194	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Acenaphthene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Acenaphthylene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Anthracene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(a)anthracene	0.149i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(a)pyrene	0.129i	mg/Kg	0.233	0.036	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(b)fluoranthene	0.156i	mg/Kg	0.233	0.050	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(g,h,i)perylene	0.203i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Chrysene	0.131i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Dibenzo(a,h)anthracene	0.045i	mg/Kg	0.233	0.019	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Nitrobenzene-d5 (S)	82	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Fluoranthene	0.216i	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Fluorene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Indeno(1,2,3-cd)pyrene	0.207i	mg/Kg	0.233	0.058	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Naphthalene	U	mg/Kg	0.777	0.194	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Phenanthrene	U	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
Pyrene	0.167i	mg/Kg	0.388	0.097	1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
2-Fluorobiphenyl (S)	92	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB
p-Terphenyl-d14 (S)	82	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 18:21	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00282	0.000847	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00282	0.000777	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
Toluene d8 (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00282	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00282	0.000720	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1-Dichloroethane	U	mg/Kg	0.00282	0.00110	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1-Dichloroethene	U	mg/Kg	0.00282	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,1-Dichloropropene	U	mg/Kg	0.00282	0.000664	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00141	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00424	0.00169	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00282	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 16:28	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00282	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-DBC		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00282	0.000678	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dichloroethane		U mg/Kg	0.00282	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,2-Dichloropropane		U mg/Kg	0.00282	0.000847	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,3-Dichloropropane		U mg/Kg	0.00282	0.000635	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
2,2-Dichloropropane		U mg/Kg	0.00282	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
2-Chlorotoluene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
2-Hexanone		U mg/Kg	0.00424	0.00162	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
4-Chlorotoluene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
4-Isopropyltoluene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00282	0.000763	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Acetone		U mg/Kg	0.014	0.00439	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Acrolein		U mg/Kg	0.014	0.00658	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Acrylonitrile		U mg/Kg	0.028	0.011	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Benzene		U mg/Kg	0.00282	0.000650	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromobenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromochloromethane		U mg/Kg	0.00424	0.00157	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromodichloromethane		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromoform		U mg/Kg	0.00282	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Bromomethane		U mg/Kg	0.00424	0.00212	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Carbon disulfide		U mg/Kg	0.00565	0.00282	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Carbon tetrachloride		U mg/Kg	0.00282	0.000763	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chlorobenzene		U mg/Kg	0.00282	0.000607	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chloroethane		U mg/Kg	0.00282	0.000819	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chloroform		U mg/Kg	0.021	0.00932	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Chloromethane		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Dibromochloromethane		U mg/Kg	0.00282	0.000805	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Dibromomethane		U mg/Kg	0.00282	0.00161	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00282	0.000791	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Ethyl methacrylate		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Ethylbenzene		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Hexachlorobutadiene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Iodomethane		U mg/Kg	0.00706	0.00282	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.014	0.00205	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Methylene chloride		U mg/Kg	0.021	0.014	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Naphthalene		U mg/Kg	0.014	0.00706	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Tetrachloroethene		U mg/Kg	0.00282	0.000635	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Toluene		U mg/Kg	0.00282	0.00120	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Trichloroethene		U mg/Kg	0.00282	0.00110	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Trichlorofluoromethane		U mg/Kg	0.00282	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Vinyl acetate		U mg/Kg	0.00282	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Vinyl chloride		U mg/Kg	0.00282	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
Xylenes- Total		U mg/Kg	0.00282	0.00140	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00282	0.000621	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00282	0.00131	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
m & p-xylene		U mg/Kg	0.00282	0.000904	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
n-Butylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
n-propylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
o-Xylene		U mg/Kg	0.00282	0.000565	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
sec-Butylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.028	0.0100	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00424	0.00157	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
tert-Butylbenzene		U mg/Kg	0.00282	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00282	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00282	0.000621	1 10/6/2023 10:00	TDB	10/6/2023 16:28	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	84.5 %	0.1	1				10/6/2023 10:08	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	77 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM		

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	98 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM		
Florida Pro Total	123i mg/Kg	224	74.8	5	10/6/2023 15:03	NI	10/9/2023 20:20	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	33 mg/Kg	1.3	0.26	2	10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Arsenic	6.7 mg/Kg	0.59	0.097	2	10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Selenium	U mg/Kg	1.2	0.55	2	10/9/2023 12:44	ECW	10/9/2023 15:19	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933005** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (0.5-2)** Date Collected: 10/4/2023 10:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.59	0.36	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Cadmium	2.6	mg/Kg	0.59	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Barium	71	mg/Kg	1.3	0.26	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Mercury	0.59i	mg/Kg	0.72	0.14	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	
Lead	500	mg/Kg	0.59	0.092	2 10/9/2023 12:44	ECW	10/9/2023 15:19	DB	L1

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Lead	0.038	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 15:22	DB	
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (2-4)** Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.811	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
2-Methylnaphthalene	U	mg/Kg	0.811	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Acenaphthene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Acenaphthylene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Anthracene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(a)anthracene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(a)pyrene	U	mg/Kg	0.243	0.037	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.243	0.053	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Chrysene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.243	0.020	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Nitrobenzene-d5 (S)	71	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Fluoranthene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Fluorene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Naphthalene	U	mg/Kg	0.811	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Phenanthrene	U	mg/Kg	0.406	0.203	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
Pyrene	U	mg/Kg	0.406	0.101	1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
2-Fluorobiphenyl (S)	64	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB
p-Terphenyl-d14 (S)	73	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 18:44	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00305	0.000916	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00305	0.000840	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00305	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00305	0.000779	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1-Dichloroethane	U	mg/Kg	0.00305	0.00119	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1-Dichloroethene	U	mg/Kg	0.00305	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,1-Dichloropropene	U	mg/Kg	0.00305	0.000718	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00153	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00458	0.00183	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00305	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 16:53	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (2-4)** Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00305	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-DBCP		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00305	0.000733	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dichloroethane		U mg/Kg	0.00305	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,2-Dichloropropane		U mg/Kg	0.00305	0.000916	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,3-Dichloropropane		U mg/Kg	0.00305	0.000687	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
2,2-Dichloropropane		U mg/Kg	0.00305	0.000810	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
2-Chlorotoluene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
2-Hexanone		U mg/Kg	0.00458	0.00176	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
4-Chlorotoluene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
4-Isopropyltoluene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00305	0.000825	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Acetone		U mg/Kg	0.015	0.00475	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Acrolein		U mg/Kg	0.015	0.00712	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Acrylonitrile		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Benzene		U mg/Kg	0.00305	0.000703	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromobenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromochloromethane		U mg/Kg	0.00458	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromodichloromethane		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromoform		U mg/Kg	0.00305	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Bromomethane		U mg/Kg	0.00458	0.00229	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Carbon disulfide		U mg/Kg	0.00611	0.00305	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Carbon tetrachloride		U mg/Kg	0.00305	0.000825	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chlorobenzene		U mg/Kg	0.00305	0.000657	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chloroethane		U mg/Kg	0.00305	0.000886	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Chloromethane		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Dibromochloromethane		U mg/Kg	0.00305	0.000871	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Dibromomethane		U mg/Kg	0.00305	0.00174	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00305	0.000855	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Ethyl methacrylate		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Ethylbenzene		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Hexachlorobutadiene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Iodomethane		U mg/Kg	0.00764	0.00305	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.015	0.00221	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Methylene chloride		U mg/Kg	0.023	0.015	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Naphthalene		U mg/Kg	0.015	0.00764	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7 (2-4)** Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Tetrachloroethene		U mg/Kg	0.00305	0.000687	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Toluene		U mg/Kg	0.00305	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Trichloroethene		U mg/Kg	0.00305	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Trichlorofluoromethane		U mg/Kg	0.00305	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Vinyl acetate		U mg/Kg	0.00305	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Vinyl chloride		U mg/Kg	0.00305	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
Xylenes- Total		U mg/Kg	0.00305	0.00151	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00305	0.000672	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00305	0.00142	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
m & p-xylene		U mg/Kg	0.00305	0.000978	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
n-Butylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
n-propylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
o-Xylene		U mg/Kg	0.00305	0.000611	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
sec-Butylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00458	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
tert-Butylbenzene		U mg/Kg	0.00305	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00305	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00305	0.000672	1 10/6/2023 10:00	TDB	10/6/2023 16:53	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	78.9 %	0.1	1				10/6/2023 10:20	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	35 %	66-136	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	58 %	36-132	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM		
Florida Pro Total	U mg/Kg	46.9	15.6	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	5.0 mg/Kg	1.4	0.28	2	10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Arsenic	0.44i mg/Kg	0.63	0.10	2	10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Selenium	U mg/Kg	1.3	0.59	2	10/9/2023 12:44	ECW	10/9/2023 15:23	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933006**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7 (2-4)**

Date Collected: 10/4/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.63	0.38	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Cadmium		U mg/Kg	0.63	0.12	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Barium	12	mg/Kg	1.4	0.28	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Mercury		U mg/Kg	0.77	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	
Lead	7.7	mg/Kg	0.63	0.099	2 10/9/2023 12:44	ECW	10/9/2023 15:23	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.796	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
2-Methylnaphthalene	U	mg/Kg	0.796	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Acenaphthene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Acenaphthylene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Anthracene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(a)anthracene	0.141i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(a)pyrene	0.098i	mg/Kg	0.239	0.037	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(b)fluoranthene	0.117i	mg/Kg	0.239	0.052	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(g,h,i)perylene	0.086i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Chrysene	0.114i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Dibenzo(a,h)anthracene	0.043i	mg/Kg	0.239	0.020	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Nitrobenzene-d5 (S)	91	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Fluoranthene	0.226i	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Fluorene	U	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Indeno(1,2,3-cd)pyrene	0.105i	mg/Kg	0.239	0.060	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Naphthalene	U	mg/Kg	0.796	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Phenanthrene	U	mg/Kg	0.398	0.199	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
Pyrene	0.154i	mg/Kg	0.398	0.100	1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
2-Fluorobiphenyl (S)	101	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB
p-Terphenyl-d14 (S)	91	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 19:07	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00219	0.000657	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00219	0.000602	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00219	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00219	0.000559	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1-Dichloroethane	U	mg/Kg	0.00219	0.000854	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1-Dichloroethene	U	mg/Kg	0.00219	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,1-Dichloropropene	U	mg/Kg	0.00219	0.000515	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00110	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00329	0.00131	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00219	0.000986	1	10/6/2023 10:00	TDB	10/6/2023 17:19	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00219	0.000821	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-DBCP		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00219	0.000526	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dichloroethane		U mg/Kg	0.00219	0.000920	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,2-Dichloropropane		U mg/Kg	0.00219	0.000657	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,3-Dichloropropane		U mg/Kg	0.00219	0.000493	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
2,2-Dichloropropane		U mg/Kg	0.00219	0.000580	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
2-Chlorotoluene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
2-Hexanone		U mg/Kg	0.00329	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
4-Chlorotoluene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
4-Isopropyltoluene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00219	0.000591	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Acetone		U mg/Kg	0.011	0.00341	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Acrolein		U mg/Kg	0.011	0.00510	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Acrylonitrile		U mg/Kg	0.022	0.00822	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Benzene		U mg/Kg	0.00219	0.000504	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromobenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromochloromethane		U mg/Kg	0.00329	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromodichloromethane		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromoform		U mg/Kg	0.00219	0.000821	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Bromomethane		U mg/Kg	0.00329	0.00164	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Carbon disulfide		U mg/Kg	0.00438	0.00219	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Carbon tetrachloride		U mg/Kg	0.00219	0.000591	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chlorobenzene		U mg/Kg	0.00219	0.000471	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chloroethane		U mg/Kg	0.00219	0.000635	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chloroform		U mg/Kg	0.016	0.00723	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Chloromethane		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Dibromochloromethane		U mg/Kg	0.00219	0.000624	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Dibromomethane		U mg/Kg	0.00219	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00219	0.000613	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Ethyl methacrylate		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Ethylbenzene		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Hexachlorobutadiene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Iodomethane		U mg/Kg	0.00548	0.00219	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.011	0.00159	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Methylene chloride		U mg/Kg	0.016	0.011	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Naphthalene		U mg/Kg	0.011	0.00548	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0-0.5)** Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Tetrachloroethene		U mg/Kg	0.00219	0.000493	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Toluene		U mg/Kg	0.00219	0.000931	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Trichloroethene		U mg/Kg	0.00219	0.000854	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Trichlorofluoromethane		U mg/Kg	0.00219	0.000821	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Vinyl acetate		U mg/Kg	0.00219	0.000898	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Vinyl chloride		U mg/Kg	0.00219	0.00107	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
Xylenes- Total		U mg/Kg	0.00219	0.00108	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00219	0.000482	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00219	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
m & p-xylene		U mg/Kg	0.00219	0.000701	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
n-Butylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
n-propylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
o-Xylene		U mg/Kg	0.00219	0.000438	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
sec-Butylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.022	0.00775	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00329	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
tert-Butylbenzene		U mg/Kg	0.00219	0.000986	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00219	0.000975	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00219	0.000482	1 10/6/2023 10:00	TDB	10/6/2023 17:19	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	82.6 %	0.1	1				10/6/2023 10:19	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	60 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	69 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM		
Florida Pro Total	131i mg/Kg	230	76.6	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	11 mg/Kg	1.3	0.26	2	10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Arsenic	2.1 mg/Kg	0.61	0.099	2	10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Selenium	U mg/Kg	1.2	0.57	2	10/9/2023 12:44	ECW	10/9/2023 15:28	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933007**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7E (0-0.5)**

Date Collected: 10/4/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.61	0.36	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Cadmium	4.9	mg/Kg	0.61	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Barium	12	mg/Kg	1.3	0.27	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Mercury		U mg/Kg	0.74	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	
Lead	270	mg/Kg	0.61	0.094	2 10/9/2023 12:44	ECW	10/9/2023 15:28	DB	L1

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Lead	0.0053i	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 16:17	DB	
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0.5-2)** Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.715	0.179	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
2-Methylnaphthalene	U	mg/Kg	0.715	0.179	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Acenaphthene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Acenaphthylene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Anthracene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(a)anthracene	0.058i	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(a)pyrene	U	mg/Kg	0.215	0.033	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.215	0.047	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Chrysene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.215	0.018	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Nitrobenzene-d5 (S)	76	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Fluoranthene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Fluorene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.215	0.054	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Naphthalene	U	mg/Kg	0.715	0.179	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Phenanthrene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
Pyrene	U	mg/Kg	0.358	0.089	1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
2-Fluorobiphenyl (S)	81	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB
p-Terphenyl-d14 (S)	71	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 19:30	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S) Preparation Method: EPA 5035
Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00206	0.000617	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00206	0.000565	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00206	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00206	0.000524	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1-Dichloroethane	U	mg/Kg	0.00206	0.000802	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1-Dichloroethene	U	mg/Kg	0.00206	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,1-Dichloropropene	U	mg/Kg	0.00206	0.000483	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00103	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00308	0.00123	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00206	0.000925	1	10/6/2023 10:00	TDB	10/6/2023 17:44	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0.5-2)** Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00206	0.000771	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-DBCP		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00206	0.000493	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dichloroethane		U mg/Kg	0.00206	0.000863	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,2-Dichloropropane		U mg/Kg	0.00206	0.000617	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,3-Dichloropropane		U mg/Kg	0.00206	0.000462	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
2,2-Dichloropropane		U mg/Kg	0.00206	0.000545	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
2-Chlorotoluene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
2-Hexanone		U mg/Kg	0.00308	0.00118	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
4-Chlorotoluene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
4-Isopropyltoluene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00206	0.000555	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Acetone		U mg/Kg	0.010	0.00320	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Acrolein		U mg/Kg	0.010	0.00479	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Acrylonitrile		U mg/Kg	0.021	0.00772	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Benzene		U mg/Kg	0.00206	0.000473	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromobenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromochloromethane		U mg/Kg	0.00308	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromodichloromethane		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromoform		U mg/Kg	0.00206	0.000771	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Bromomethane		U mg/Kg	0.00308	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Carbon disulfide		U mg/Kg	0.00411	0.00206	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Carbon tetrachloride		U mg/Kg	0.00206	0.000555	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chlorobenzene		U mg/Kg	0.00206	0.000442	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chloroethane		U mg/Kg	0.00206	0.000596	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chloroform		U mg/Kg	0.015	0.00678	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Chloromethane		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Dibromochloromethane		U mg/Kg	0.00206	0.000586	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Dibromomethane		U mg/Kg	0.00206	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00206	0.000576	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Ethyl methacrylate		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Ethylbenzene		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Hexachlorobutadiene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Iodomethane		U mg/Kg	0.00514	0.00206	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.010	0.00149	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Methylene chloride		U mg/Kg	0.015	0.010	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Naphthalene		U mg/Kg	0.010	0.00514	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (0.5-2)** Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Tetrachloroethene		U mg/Kg	0.00206	0.000462	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Toluene		U mg/Kg	0.00206	0.000874	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Trichloroethene		U mg/Kg	0.00206	0.000802	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Trichlorofluoromethane		U mg/Kg	0.00206	0.000771	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Vinyl acetate		U mg/Kg	0.00206	0.000843	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Vinyl chloride		U mg/Kg	0.00206	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
Xylenes- Total		U mg/Kg	0.00206	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00206	0.000452	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00206	0.000956	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
m & p-xylene		U mg/Kg	0.00206	0.000658	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
n-Butylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
n-propylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
o-Xylene		U mg/Kg	0.00206	0.000411	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
sec-Butylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.021	0.00728	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00308	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
tert-Butylbenzene		U mg/Kg	0.00206	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00206	0.000915	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00206	0.000452	1 10/6/2023 10:00	TDB	10/6/2023 17:44	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	89.6 %	0.1	1				10/6/2023 10:25	CT	
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	59 %	66-136	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	68 %	36-132	5	10/6/2023 15:03	NI	10/9/2023 20:42	BFM		
Florida Pro Total	76.4i mg/Kg	207	68.9	5 10/6/2023 15:03	NI	10/9/2023 20:42	BFM		

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	11 mg/Kg	1.2	0.24	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB		
Arsenic	6.7 mg/Kg	0.56	0.092	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB		
Selenium	U mg/Kg	1.1	0.52	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB		

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933008**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7E (0.5-2)**

Date Collected: 10/4/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.56	0.33	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Cadmium	1.1	mg/Kg	0.56	0.10	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Barium	47	mg/Kg	1.2	0.25	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Mercury		U mg/Kg	0.68	0.14	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	
Lead	150	mg/Kg	0.56	0.087	2 10/9/2023 12:44	ECW	10/9/2023 15:33	DB	L1

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Lead	0.097	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 16:22	DB	
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (2-4)** Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.810	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
2-Methylnaphthalene	U	mg/Kg	0.810	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Acenaphthene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Acenaphthylene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Anthracene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(a)anthracene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(a)pyrene	U	mg/Kg	0.243	0.037	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(b)fluoranthene	U	mg/Kg	0.243	0.053	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(g,h,i)perylene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Benzo(k)fluoranthene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Chrysene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Dibenzo(a,h)anthracene	U	mg/Kg	0.243	0.020	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Nitrobenzene-d5 (S)	95	%	20-150		1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Fluoranthene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Fluorene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.243	0.061	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Naphthalene	U	mg/Kg	0.810	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Phenanthrene	U	mg/Kg	0.405	0.203	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
Pyrene	U	mg/Kg	0.405	0.101	1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
2-Fluorobiphenyl (S)	91	%	30-150		1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB
p-Terphenyl-d14 (S)	97	%	15-150		1	10/6/2023 14:57	NI	10/9/2023 19:53	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00322	0.000966	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00322	0.000885	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00322	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00322	0.000821	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1-Dichloroethane	U	mg/Kg	0.00322	0.00126	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1-Dichloroethene	U	mg/Kg	0.00322	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,1-Dichloropropene	U	mg/Kg	0.00322	0.000757	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00161	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00483	0.00193	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00322	0.00145	1	10/6/2023 10:00	TDB	10/6/2023 18:09	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (2-4)** Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00322	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-DBCP		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00322	0.000773	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dichloroethane		U mg/Kg	0.00322	0.00135	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,2-Dichloropropane		U mg/Kg	0.00322	0.000966	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,3-Dichloropropane		U mg/Kg	0.00322	0.000724	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
2,2-Dichloropropane		U mg/Kg	0.00322	0.000853	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
2-Chlorotoluene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
2-Hexanone		U mg/Kg	0.00483	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
4-Chlorotoluene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
4-Isopropyltoluene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00322	0.000869	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Acetone		U mg/Kg	0.016	0.00501	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Acrolein		U mg/Kg	0.016	0.00750	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Acrylonitrile		U mg/Kg	0.032	0.012	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Benzene		U mg/Kg	0.00322	0.000740	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromobenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromochloromethane		U mg/Kg	0.00483	0.00179	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromodichloromethane		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromoform		U mg/Kg	0.00322	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Bromomethane		U mg/Kg	0.00483	0.00241	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Carbon disulfide		U mg/Kg	0.00644	0.00322	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Carbon tetrachloride		U mg/Kg	0.00322	0.000869	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chlorobenzene		U mg/Kg	0.00322	0.000692	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chloroethane		U mg/Kg	0.00322	0.000934	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chloroform		U mg/Kg	0.024	0.011	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Chloromethane		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Dibromochloromethane		U mg/Kg	0.00322	0.000918	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Dibromomethane		U mg/Kg	0.00322	0.00184	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00322	0.000901	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Ethyl methacrylate		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Ethylbenzene		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Hexachlorobutadiene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Iodomethane		U mg/Kg	0.00805	0.00322	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.016	0.00233	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Methylene chloride		U mg/Kg	0.024	0.016	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Naphthalene		U mg/Kg	0.016	0.00805	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7E (2-4)** Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Tetrachloroethene		U mg/Kg	0.00322	0.000724	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Toluene		U mg/Kg	0.00322	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Trichloroethene		U mg/Kg	0.00322	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Trichlorofluoromethane		U mg/Kg	0.00322	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Vinyl acetate		U mg/Kg	0.00322	0.00132	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Vinyl chloride		U mg/Kg	0.00322	0.00158	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
Xylenes- Total		U mg/Kg	0.00322	0.00159	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00322	0.000708	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00322	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
m & p-xylene		U mg/Kg	0.00322	0.00103	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
n-Butylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
n-propylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
o-Xylene		U mg/Kg	0.00322	0.000644	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
sec-Butylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.032	0.011	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00483	0.00179	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
tert-Butylbenzene		U mg/Kg	0.00322	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00322	0.00143	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00322	0.000708	1 10/6/2023 10:00	TDB	10/6/2023 18:09	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	80.3 %	0.1	1				10/6/2023 10:26	CT	
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	58 %	66-136	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	83 %	36-132	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM		
Florida Pro Total	U mg/Kg	46.8	15.6	1	10/6/2023 15:03	NI	10/9/2023 17:46	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	12 mg/Kg	1.4	0.27	2	10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Arsenic	0.99 mg/Kg	0.62	0.10	2	10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Selenium	U mg/Kg	1.2	0.58	2	10/9/2023 12:44	ECW	10/9/2023 15:37	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933009**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7E (2-4)**

Date Collected: 10/4/2023 11:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.62	0.37	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Cadmium		U mg/Kg	0.62	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Barium	15	mg/Kg	1.4	0.27	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Mercury		U mg/Kg	0.76	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	
Lead	14	mg/Kg	0.62	0.097	2 10/9/2023 12:44	ECW	10/9/2023 15:37	DB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.799	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
2-Methylnaphthalene	U	mg/Kg	0.799	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Acenaphthene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Acenaphthylene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Anthracene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(a)anthracene	0.362	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(a)pyrene	0.284	mg/Kg	0.240	0.037	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(b)fluoranthene	0.434	mg/Kg	0.240	0.052	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(g,h,i)perylene	0.371	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Benzo(k)fluoranthene	0.144i	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Chrysene	0.351	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Dibenzo(a,h)anthracene	0.071i	mg/Kg	0.240	0.020	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Nitrobenzene-d5 (S)	94	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Fluoranthene	0.667	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Fluorene	U	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Indeno(1,2,3-cd)pyrene	0.419	mg/Kg	0.240	0.060	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Naphthalene	U	mg/Kg	0.799	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Phenanthrene	0.233i	mg/Kg	0.399	0.200	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
Pyrene	0.525	mg/Kg	0.399	0.100	1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
2-Fluorobiphenyl (S)	101	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM
p-Terphenyl-d14 (S)	89	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 15:34	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00410	0.00123	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00410	0.00113	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00410	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00410	0.00105	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1-Dichloroethane	U	mg/Kg	0.00410	0.00160	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1-Dichloroethene	U	mg/Kg	0.00410	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,1-Dichloropropene	U	mg/Kg	0.00410	0.000964	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00205	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00615	0.00246	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00410	0.00185	1	10/6/2023 10:00	TDB	10/6/2023 18:34	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00410	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-DBCP		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00410	0.000985	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dichloroethane		U mg/Kg	0.00410	0.00172	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,2-Dichloropropane		U mg/Kg	0.00410	0.00123	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,3-Dichloropropane		U mg/Kg	0.00410	0.000923	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
2,2-Dichloropropane		U mg/Kg	0.00410	0.00109	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
2-Chlorotoluene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
2-Hexanone		U mg/Kg	0.00615	0.00236	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
4-Chlorotoluene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
4-Isopropyltoluene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00410	0.00111	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Acetone		U mg/Kg	0.021	0.00638	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Acrolein		U mg/Kg	0.021	0.00956	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Acrylonitrile		U mg/Kg	0.041	0.015	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Benzene		U mg/Kg	0.00410	0.000943	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromobenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromochloromethane		U mg/Kg	0.00615	0.00228	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromodichloromethane		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromoform		U mg/Kg	0.00410	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Bromomethane		U mg/Kg	0.00615	0.00308	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Carbon disulfide		U mg/Kg	0.00820	0.00410	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Carbon tetrachloride		U mg/Kg	0.00410	0.00111	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chlorobenzene		U mg/Kg	0.00410	0.000882	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chloroethane		U mg/Kg	0.00410	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chloroform		U mg/Kg	0.031	0.014	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Chloromethane		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Dibromochloromethane		U mg/Kg	0.00410	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Dibromomethane		U mg/Kg	0.00410	0.00234	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00410	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Ethyl methacrylate		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Ethylbenzene		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Hexachlorobutadiene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Iodomethane		U mg/Kg	0.010	0.00410	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.021	0.00297	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Methylene chloride		U mg/Kg	0.031	0.021	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Naphthalene		U mg/Kg	0.021	0.010	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Tetrachloroethene		U mg/Kg	0.00410	0.000923	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Toluene		U mg/Kg	0.00410	0.00174	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Trichloroethene		U mg/Kg	0.00410	0.00160	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Trichlorofluoromethane		U mg/Kg	0.00410	0.00154	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Vinyl acetate		U mg/Kg	0.00410	0.00168	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Vinyl chloride		U mg/Kg	0.00410	0.00201	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
Xylenes- Total		U mg/Kg	0.00410	0.00203	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00410	0.000902	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00410	0.00191	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
m & p-xylene		U mg/Kg	0.00410	0.00131	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
n-Butylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
n-propylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
o-Xylene		U mg/Kg	0.00410	0.000820	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
sec-Butylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.041	0.015	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00615	0.00228	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
tert-Butylbenzene		U mg/Kg	0.00410	0.00185	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00410	0.00183	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00410	0.000902	1 10/6/2023 10:00	TDB	10/6/2023 18:34	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	82.1 %	0.1	1				10/6/2023 10:31	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	93 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 14:48	BFM		

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	102 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 14:48	BFM		
Florida Pro Total	140i mg/Kg	231	76.9	5	10/9/2023 15:04	NI	10/10/2023 14:48	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	25 mg/Kg	1.3	0.27	2	10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Arsenic	3.8 mg/Kg	0.61	0.10	2	10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Selenium	U mg/Kg	1.2	0.57	2	10/9/2023 12:44	ECW	10/9/2023 15:42	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933010** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0-0.5)** Date Collected: 10/4/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.61	0.37	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Cadmium	1.1	mg/Kg	0.61	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Barium	32	mg/Kg	1.3	0.27	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Mercury	0.26i	mg/Kg	0.74	0.15	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	
Lead	150	mg/Kg	0.61	0.095	2 10/9/2023 12:44	ECW	10/9/2023 15:42	DB	L1

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Lead	0.0037i	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 16:26	DB	
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.952	0.238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
2-Methylnaphthalene	U	mg/Kg	0.952	0.238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Acenaphthene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Acenaphthylene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Anthracene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(a)anthracene	0.088i	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(a)pyrene	0.070i	mg/Kg	0.286	0.044	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(b)fluoranthene	0.068i	mg/Kg	0.286	0.062	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Chrysene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Dibenzo(a,h)anthracene	0.030i	mg/Kg	0.286	0.024	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Nitrobenzene-d5 (S)	88	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Fluoranthene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Fluorene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.286	0.071	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Naphthalene	U	mg/Kg	0.952	0.238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Phenanthrene	U	mg/Kg	0.476	0.0238	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
Pyrene	U	mg/Kg	0.476	0.119	1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
2-Fluorobiphenyl (S)	79	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM
p-Terphenyl-d14 (S)	67	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 16:20	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00327	0.000980	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00327	0.000898	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00327	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00327	0.000833	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1-Dichloroethane	U	mg/Kg	0.00327	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1-Dichloroethene	U	mg/Kg	0.00327	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,1-Dichloropropene	U	mg/Kg	0.00327	0.000768	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00163	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00490	0.00196	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00327	0.00147	1	10/6/2023 10:00	TDB	10/6/2023 19:00	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00327	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-DBCP		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00327	0.000784	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dichloroethane		U mg/Kg	0.00327	0.00137	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,2-Dichloropropane		U mg/Kg	0.00327	0.000980	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,3-Dichloropropane		U mg/Kg	0.00327	0.000735	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
2,2-Dichloropropane		U mg/Kg	0.00327	0.000865	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
2-Chlorotoluene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
2-Hexanone		U mg/Kg	0.00490	0.00188	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
4-Chlorotoluene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
4-Isopropyltoluene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00327	0.000882	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Acetone		U mg/Kg	0.016	0.00508	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Acrolein		U mg/Kg	0.016	0.00761	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Acrylonitrile		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Benzene		U mg/Kg	0.00327	0.000751	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromobenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromochloromethane		U mg/Kg	0.00490	0.00181	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromodichloromethane		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromoform		U mg/Kg	0.00327	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Bromomethane		U mg/Kg	0.00490	0.00245	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Carbon disulfide		U mg/Kg	0.00653	0.00327	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Carbon tetrachloride		U mg/Kg	0.00327	0.000882	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chlorobenzene		U mg/Kg	0.00327	0.000702	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chloroethane		U mg/Kg	0.00327	0.000947	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chloroform		U mg/Kg	0.024	0.011	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Chloromethane		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Dibromochloromethane		U mg/Kg	0.00327	0.000931	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Dibromomethane		U mg/Kg	0.00327	0.00186	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00327	0.000914	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Ethyl methacrylate		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Ethylbenzene		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Hexachlorobutadiene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Iodomethane		U mg/Kg	0.00817	0.00327	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.016	0.00237	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Methylene chloride		U mg/Kg	0.024	0.016	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Naphthalene		U mg/Kg	0.016	0.00817	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Tetrachloroethene		U mg/Kg	0.00327	0.000735	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Toluene		U mg/Kg	0.00327	0.00139	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Trichloroethene		U mg/Kg	0.00327	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Trichlorofluoromethane		U mg/Kg	0.00327	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Vinyl acetate		U mg/Kg	0.00327	0.00134	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Vinyl chloride		U mg/Kg	0.00327	0.00160	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
Xylenes- Total		U mg/Kg	0.00327	0.00162	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00327	0.000719	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00327	0.00152	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
m & p-xylene		U mg/Kg	0.00327	0.00105	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
n-Butylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
n-propylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
o-Xylene		U mg/Kg	0.00327	0.000653	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
sec-Butylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00490	0.00181	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
tert-Butylbenzene		U mg/Kg	0.00327	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00327	0.00145	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00327	0.000719	1 10/6/2023 10:00	TDB	10/6/2023 19:00	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	69.0 %	0.1	1				10/6/2023 10:38	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	54 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 15:09	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	87 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 15:09	BFM		
Florida Pro Total	U mg/Kg	275	91.7	5	10/9/2023 15:04	NI	10/10/2023 15:09	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	110 mg/Kg	1.6	0.32	2	10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4h
Arsenic	6.9 mg/Kg	0.73	0.12	2	10/9/2023 12:44	ECW	10/9/2023 15:46	DB	
Selenium	3.5 mg/Kg	1.5	0.68	2	10/9/2023 12:44	ECW	10/9/2023 15:46	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933011** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (0.5-2)** Date Collected: 10/4/2023 11:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.73	0.44	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4
Cadmium	0.89	mg/Kg	0.73	0.13	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	
Barium	200	mg/Kg	1.6	0.32	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4h,L1
Mercury	0.37i	mg/Kg	0.88	0.18	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	
Lead	95	mg/Kg	0.73	0.11	2 10/9/2023 12:44	ECW	10/9/2023 15:46	DB	J4h

Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 1311/200.8

Chromium	0.00094i	mg/L	0.0080	0.00027	4 10/23/2023 14:01	DB	10/23/2023 16:31	DB	
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (2-4)** Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.847	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
2-Methylnaphthalene	U	mg/Kg	0.847	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Acenaphthene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Acenaphthylene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Anthracene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(a)anthracene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(a)pyrene	U	mg/Kg	0.254	0.039	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(b)fluoranthene	U	mg/Kg	0.254	0.055	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Chrysene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Dibenzo(a,h)anthracene	U	mg/Kg	0.254	0.021	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Nitrobenzene-d5 (S)	80	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Fluoranthene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Fluorene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.254	0.063	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Naphthalene	U	mg/Kg	0.847	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Phenanthrene	U	mg/Kg	0.423	0.212	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
Pyrene	U	mg/Kg	0.423	0.106	1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
2-Fluorobiphenyl (S)	73	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM
p-Terphenyl-d14 (S)	77	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 16:43	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (MEOH - S)

Preparation Method: 5035 (High)

Analytical Method: EPA 8260C (MEOH EXT. S)

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.290	0.087	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
Dibromofluoromethane (S)	90	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.290	0.080	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
Toluene d8 (S)	92	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.290	0.070	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
4-Bromofluorobenzene (S)	92	%	60-135		50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.290	0.074	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1-Dichloroethane	U	mg/Kg	0.290	0.113	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1-Dichloroethene	U	mg/Kg	0.290	0.131	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,1-Dichloropropene	U	mg/Kg	0.290	0.068	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.145	0.020	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.435	0.174	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.290	0.032	50	10/12/2023 10:00	TDB	10/12/2023 16:05	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7S (2-4)**

Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene	U	mg/Kg	0.290	0.039	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-DBCP	U	mg/Kg	0.290	0.030	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dibromoethane (EDB)	U	mg/Kg	0.290	0.070	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dichlorobenzene	U	mg/Kg	0.290	0.042	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dichloroethane	U	mg/Kg	0.290	0.122	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,2-Dichloropropane	U	mg/Kg	0.290	0.087	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,3,5-Trimethylbenzene	U	mg/Kg	0.290	0.030	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,3-Dichlorobenzene	U	mg/Kg	0.290	0.045	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,3-Dichloropropane	U	mg/Kg	0.290	0.065	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
1,4-Dichlorobenzene	U	mg/Kg	0.290	0.049	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
2,2-Dichloropropane	U	mg/Kg	0.290	0.077	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
2-Chlorotoluene	U	mg/Kg	0.290	0.054	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
2-Hexanone	U	mg/Kg	0.435	0.167	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
4-Chlorotoluene	U	mg/Kg	0.290	0.046	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
4-Isopropyltoluene	U	mg/Kg	0.290	0.035	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
4-methyl-2-pentanone	U	mg/Kg	0.290	0.078	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Acetone	U	mg/Kg	1.45	0.451	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Acrolein	U	mg/Kg	1.45	0.676	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Acrylonitrile	U	mg/Kg	2.90	1.09	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Benzene	U	mg/Kg	0.290	0.067	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromobenzene	U	mg/Kg	0.290	0.054	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromochloromethane	U	mg/Kg	0.435	0.161	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromodichloromethane	U	mg/Kg	0.290	0.052	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromoform	U	mg/Kg	0.290	0.109	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Bromomethane	U	mg/Kg	0.435	0.218	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Carbon disulfide	U	mg/Kg	0.290	0.104	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Carbon tetrachloride	U	mg/Kg	0.290	0.078	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chlorobenzene	U	mg/Kg	0.290	0.062	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chloroethane	U	mg/Kg	0.290	0.084	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chloroform	U	mg/Kg	2.18	0.958	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Chloromethane	U	mg/Kg	0.290	0.099	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Dibromochloromethane	U	mg/Kg	0.290	0.083	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Dibromomethane	U	mg/Kg	0.290	0.165	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Dichlorodifluoromethane	U	mg/Kg	0.290	0.054	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
cis-1,3-Dichloropropene	U	mg/Kg	0.290	0.081	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Ethyl methacrylate	U	mg/Kg	0.290	0.052	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Ethylbenzene	U	mg/Kg	0.290	0.048	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Hexachlorobutadiene	U	mg/Kg	0.290	0.032	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Iodomethane	U	mg/Kg	0.725	0.290	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Isopropylbenzene (Cumene)	U	mg/Kg	0.290	0.048	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Methyl ethyl ketone (MEK)	U	mg/Kg	1.45	0.210	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Methylene chloride	U	mg/Kg	2.18	1.45	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Naphthalene	U	mg/Kg	1.45	0.725	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7S (2-4)** Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.290	0.045	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Tetrachloroethene		U mg/Kg	0.290	0.065	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Toluene		U mg/Kg	0.290	0.058	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Trichloroethene		U mg/Kg	0.290	0.113	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Trichlorofluoromethane		U mg/Kg	0.290	0.109	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Vinyl acetate		U mg/Kg	0.290	0.119	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Vinyl chloride		U mg/Kg	0.290	0.142	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
Xylenes- Total		U mg/Kg	0.290	0.144	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.290	0.064	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.290	0.135	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
m & p-xylene		U mg/Kg	0.290	0.093	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
n-Butylbenzene		U mg/Kg	0.290	0.038	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
n-propylbenzene		U mg/Kg	0.290	0.044	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
o-Xylene		U mg/Kg	0.290	0.051	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
sec-Butylbenzene		U mg/Kg	0.290	0.033	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	2.90	1.03	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.435	0.161	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
tert-Butylbenzene		U mg/Kg	0.290	0.042	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.290	0.129	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.290	0.064	50 10/12/2023 10:00	TDB	10/12/2023 16:05	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	77.3	%	0.1		1		10/6/2023 10:38	CT	
Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	37	%	66-136		1 10/9/2023 15:04	NI	10/10/2023 14:26	BFM	J2

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	58	%	36-132		1 10/9/2023 15:04	NI	10/10/2023 14:26	BFM	
Florida Pro Total		U mg/Kg	48.9	16.3	1 10/9/2023 15:04	NI	10/10/2023 14:26	BFM	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	5.7	mg/Kg	1.4	0.28	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Arsenic	0.41i	mg/Kg	0.65	0.11	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Silver		U mg/Kg	0.65	0.39	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933012**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7S (2-4)**

Date Collected: 10/4/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Cadmium	U	mg/Kg	0.65	0.12	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Barium	8.7	mg/Kg	1.4	0.28	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Mercury	U	mg/Kg	0.79	0.16	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Lead	1.1	mg/Kg	0.65	0.10	2 10/10/2023 15:15	ECW	10/10/2023 20:04	DB	
Selenium	U	mg/Kg	1.3	0.61	2 10/10/2023 15:15	ECW	10/12/2023 01:59	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0-0.5)** Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene		U mg/Kg	0.818	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
2-Methylnaphthalene		U mg/Kg	0.818	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Acenaphthene		U mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Acenaphthylene	0.207i	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Anthracene	0.199i	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Benzo(a)anthracene	1.40	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(a)pyrene	1.25	mg/Kg	0.245	0.038	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(b)fluoranthene	2.28	mg/Kg	0.245	0.053	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(g,h,i)perylene	1.13	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Benzo(k)fluoranthene	0.796	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Chrysene	1.70	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Dibenzo(a,h)anthracene	0.234i	mg/Kg	0.245	0.020	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Nitrobenzene-d5 (S)	90	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Fluoranthene	2.52	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Fluorene		U mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Indeno(1,2,3-cd)pyrene	1.68	mg/Kg	0.245	0.061	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Naphthalene		U mg/Kg	0.818	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
Phenanthrene	0.480	mg/Kg	0.409	0.204	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM P
Pyrene	2.21	mg/Kg	0.409	0.102	1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
2-Fluorobiphenyl (S)	97	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM
p-Terphenyl-d14 (S)	83	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 17:06	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)					Preparation Method: EPA 5035				
Analytical Method: EPA 8260C									
1,1,1,2-Tetrachloroethane		U mg/Kg	0.00306	0.000918	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1,1-Trichloroethane		U mg/Kg	0.00306	0.000842	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1,2,2-Tetrachloroethane		U mg/Kg	0.00306	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1,2-Trichloroethane		U mg/Kg	0.00306	0.000780	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1-Dichloroethane		U mg/Kg	0.00306	0.00119	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1-Dichloroethene		U mg/Kg	0.00306	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,1-Dichloropropene		U mg/Kg	0.00306	0.000719	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,2,3-Trichlorobenzene		U mg/Kg	0.00153	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,2,3-Trichloropropane		U mg/Kg	0.00459	0.00184	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB
1,2,4-Trichlorobenzene		U mg/Kg	0.00306	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 19:25	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0-0.5)** Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00306	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-DBCp		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00306	0.000734	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dichloroethane		U mg/Kg	0.00306	0.00129	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,2-Dichloropropane		U mg/Kg	0.00306	0.000918	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,3-Dichloropropane		U mg/Kg	0.00306	0.000689	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
2,2-Dichloropropane		U mg/Kg	0.00306	0.000811	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
2-Chlorotoluene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
2-Hexanone		U mg/Kg	0.00459	0.00176	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
4-Chlorotoluene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
4-Isopropyltoluene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00306	0.000826	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Acetone		U mg/Kg	0.015	0.00476	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Acrolein		U mg/Kg	0.015	0.00713	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Acrylonitrile		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Benzene		U mg/Kg	0.00306	0.000704	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromobenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromochloromethane		U mg/Kg	0.00459	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromodichloromethane		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromoform		U mg/Kg	0.00306	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Bromomethane		U mg/Kg	0.00459	0.00230	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Carbon disulfide		U mg/Kg	0.00612	0.00306	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Carbon tetrachloride		U mg/Kg	0.00306	0.000826	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chlorobenzene		U mg/Kg	0.00306	0.000658	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chloroethane		U mg/Kg	0.00306	0.000887	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Chloromethane		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Dibromochloromethane		U mg/Kg	0.00306	0.000872	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Dibromomethane		U mg/Kg	0.00306	0.00174	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00306	0.000857	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Ethyl methacrylate		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Ethylbenzene		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Hexachlorobutadiene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Iodomethane		U mg/Kg	0.00765	0.00306	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.015	0.00222	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Methylene chloride		U mg/Kg	0.023	0.015	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Naphthalene		U mg/Kg	0.015	0.00765	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0-0.5)** Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Tetrachloroethene		U mg/Kg	0.00306	0.000689	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Toluene		U mg/Kg	0.00306	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Trichloroethene		U mg/Kg	0.00306	0.00119	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Trichlorofluoromethane		U mg/Kg	0.00306	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Vinyl acetate		U mg/Kg	0.00306	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Vinyl chloride		U mg/Kg	0.00306	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
Xylenes- Total		U mg/Kg	0.00306	0.00151	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00306	0.000673	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00306	0.00142	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
m & p-xylene		U mg/Kg	0.00306	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
n-Butylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
n-propylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
o-Xylene		U mg/Kg	0.00306	0.000612	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
sec-Butylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.031	0.011	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00459	0.00170	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
tert-Butylbenzene		U mg/Kg	0.00306	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00306	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00306	0.000673	1 10/6/2023 10:00	TDB	10/6/2023 19:25	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	78.2 %	0.1	1				10/6/2023 11:21	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	63 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 15:31	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	75 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 15:31	BFM		
Florida Pro Total	380 mg/Kg	236	78.7	5	10/9/2023 15:04	NI	10/10/2023 15:31	BFM	P1

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Selenium	U mg/Kg	1.3	0.60	2	10/10/2023 15:15	ECW	10/12/2023 02:03	DB	
Chromium	54 mg/Kg	1.4	0.28	2	10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Arsenic	8.5 mg/Kg	0.64	0.10	2	10/10/2023 15:15	ECW	10/10/2023 20:09	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933013**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7W (0-0.5)**

Date Collected: 10/4/2023 12:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver	0.38i	mg/Kg	0.64	0.38	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Cadmium	2.8	mg/Kg	0.64	0.12	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Barium	100	mg/Kg	1.4	0.28	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Mercury	0.68i	mg/Kg	0.78	0.16	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	
Lead	270	mg/Kg	0.64	0.10	2 10/10/2023 15:15	ECW	10/10/2023 20:09	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0015i	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 16:35	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.860	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
2-Methylnaphthalene	U	mg/Kg	0.860	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Acenaphthene	U	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Acenaphthylene	0.127i	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Anthracene	0.156i	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(a)anthracene	0.829	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(a)pyrene	0.765	mg/Kg	0.258	0.040	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(b)fluoranthene	1.33	mg/Kg	0.258	0.056	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(g,h,i)perylene	0.798	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Benzo(k)fluoranthene	0.338	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Chrysene	0.979	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Dibenzo(a,h)anthracene	0.157i	mg/Kg	0.258	0.021	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Nitrobenzene-d5 (S)	79	%	20-150		1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Fluoranthene	1.58	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Fluorene	U	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Indeno(1,2,3-cd)pyrene	1.12	mg/Kg	0.258	0.064	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Naphthalene	U	mg/Kg	0.860	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Phenanthrene	0.434	mg/Kg	0.430	0.215	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
Pyrene	1.34	mg/Kg	0.430	0.107	1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
2-Fluorobiphenyl (S)	76	%	30-150		1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM
p-Terphenyl-d14 (S)	68	%	15-150		1	10/9/2023 14:59	NI	10/10/2023 17:52	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00259	0.000777	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
Dibromofluoromethane (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00259	0.000712	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00259	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
4-Bromofluorobenzene (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00259	0.000660	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1-Dichloroethane	U	mg/Kg	0.00259	0.00101	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1-Dichloroethene	U	mg/Kg	0.00259	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,1-Dichloropropene	U	mg/Kg	0.00259	0.000608	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00129	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00388	0.00155	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00259	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 19:50	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00259	0.000971	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-DBCP		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00259	0.000621	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dichloroethane		U mg/Kg	0.00259	0.00109	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,2-Dichloropropane		U mg/Kg	0.00259	0.000777	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,3-Dichloropropane		U mg/Kg	0.00259	0.000582	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
2,2-Dichloropropane		U mg/Kg	0.00259	0.000686	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
2-Chlorotoluene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
2-Hexanone		U mg/Kg	0.00388	0.00149	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
4-Chlorotoluene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
4-Isopropyltoluene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00259	0.000699	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Acetone		U mg/Kg	0.013	0.00403	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Acrolein		U mg/Kg	0.013	0.00603	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Acrylonitrile		U mg/Kg	0.026	0.00972	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Benzene		U mg/Kg	0.00259	0.000595	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromobenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromochloromethane		U mg/Kg	0.00388	0.00144	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromodichloromethane		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromoform		U mg/Kg	0.00259	0.000971	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Bromomethane		U mg/Kg	0.00388	0.00194	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Carbon disulfide		U mg/Kg	0.00518	0.00259	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Carbon tetrachloride		U mg/Kg	0.00259	0.000699	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chlorobenzene		U mg/Kg	0.00259	0.000557	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chloroethane		U mg/Kg	0.00259	0.000751	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chloroform		U mg/Kg	0.019	0.00854	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Chloromethane		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Dibromochloromethane		U mg/Kg	0.00259	0.000738	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Dibromomethane		U mg/Kg	0.00259	0.00148	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00259	0.000725	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Ethyl methacrylate		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Ethylbenzene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Hexachlorobutadiene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Iodomethane		U mg/Kg	0.00647	0.00259	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00188	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Methylene chloride		U mg/Kg	0.019	0.013	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Naphthalene		U mg/Kg	0.013	0.00647	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Tetrachloroethene		U mg/Kg	0.00259	0.000582	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Toluene		U mg/Kg	0.00259	0.00110	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Trichloroethene		U mg/Kg	0.00259	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Trichlorofluoromethane		U mg/Kg	0.00259	0.000971	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Vinyl acetate		U mg/Kg	0.00259	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Vinyl chloride		U mg/Kg	0.00259	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
Xylenes- Total		U mg/Kg	0.00259	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00259	0.000569	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00259	0.00120	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
m & p-xylene		U mg/Kg	0.00259	0.000828	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
n-Butylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
n-propylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
o-Xylene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
sec-Butylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00916	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00388	0.00144	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
tert-Butylbenzene		U mg/Kg	0.00259	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00259	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00259	0.000569	1 10/6/2023 10:00	TDB	10/6/2023 19:50	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	75.2 %	0.1	1				10/6/2023 11:28	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	47 %	66-136	5	10/9/2023 15:04	NI	10/10/2023 15:52	BFM	J2d	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	58 %	36-132	5	10/9/2023 15:04	NI	10/10/2023 15:52	BFM		
Florida Pro Total	164i mg/Kg	248	82.8	5	10/9/2023 15:04	NI	10/10/2023 15:52	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Selenium	U mg/Kg	1.3	0.62	2	10/10/2023 15:15	ECW	10/12/2023 02:08	DB	
Chromium	37 mg/Kg	1.5	0.29	2	10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Arsenic	6.4 mg/Kg	0.67	0.11	2	10/10/2023 15:15	ECW	10/10/2023 20:13	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933014** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (0.5-2)** Date Collected: 10/4/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Silver		U mg/Kg	0.67	0.40	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Cadmium	2.3	mg/Kg	0.67	0.12	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Barium	61	mg/Kg	1.5	0.29	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Mercury	0.93	mg/Kg	0.81	0.16	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	
Lead	140	mg/Kg	0.67	0.10	2 10/10/2023 15:15	ECW	10/10/2023 20:13	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0031i	mg/L	0.0080	0.00012	4 10/23/2023 14:01	DB	10/23/2023 16:40	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (2-4)** Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.790	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
2-Methylnaphthalene	U	mg/Kg	0.790	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Acenaphthene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Acenaphthylene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Anthracene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(a)anthracene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(a)pyrene	U	mg/Kg	0.237	0.036	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(b)fluoranthene	U	mg/Kg	0.237	0.051	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Chrysene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Dibenzo(a,h)anthracene	U	mg/Kg	0.237	0.020	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Nitrobenzene-d5 (S)	74	%	20-150		1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Fluoranthene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Fluorene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.237	0.059	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Naphthalene	U	mg/Kg	0.790	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Phenanthrene	U	mg/Kg	0.395	0.197	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
Pyrene	U	mg/Kg	0.395	0.099	1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
2-Fluorobiphenyl (S)	64	%	30-150		1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM
p-Terphenyl-d14 (S)	65	%	15-150		1	10/10/2023 11:12	NI	10/11/2023 13:52	BFM

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00332	0.000997	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00332	0.000914	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
Toluene d8 (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00332	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00332	0.000848	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1-Dichloroethane	U	mg/Kg	0.00332	0.00130	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1-Dichloroethene	U	mg/Kg	0.00332	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,1-Dichloropropene	U	mg/Kg	0.00332	0.000781	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00166	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00499	0.00199	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00332	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 20:15	TDB

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (2-4)** Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
1,2,4-Trimethylbenzene		U mg/Kg	0.00332	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-DBCP		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dibromoethane (EDB)		U mg/Kg	0.00332	0.000798	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dichlorobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dichloroethane		U mg/Kg	0.00332	0.00140	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,2-Dichloropropane		U mg/Kg	0.00332	0.000997	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,3,5-Trimethylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,3-Dichlorobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,3-Dichloropropane		U mg/Kg	0.00332	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
1,4-Dichlorobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
2,2-Dichloropropane		U mg/Kg	0.00332	0.000881	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
2-Chlorotoluene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
2-Hexanone		U mg/Kg	0.00499	0.00191	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
4-Chlorotoluene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
4-Isopropyltoluene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
4-methyl-2-pentanone		U mg/Kg	0.00332	0.000898	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Acetone		U mg/Kg	0.017	0.00517	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Acrolein		U mg/Kg	0.017	0.00775	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Acrylonitrile		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Benzene		U mg/Kg	0.00332	0.000765	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromobenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromochloromethane		U mg/Kg	0.00499	0.00184	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromodichloromethane		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromoform		U mg/Kg	0.00332	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Bromomethane		U mg/Kg	0.00499	0.00249	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Carbon disulfide		U mg/Kg	0.00665	0.00332	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Carbon tetrachloride		U mg/Kg	0.00332	0.000898	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chlorobenzene		U mg/Kg	0.00332	0.000715	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chloroethane		U mg/Kg	0.00332	0.000964	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chloroform		U mg/Kg	0.025	0.011	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Chloromethane		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Dibromochloromethane		U mg/Kg	0.00332	0.000947	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Dibromomethane		U mg/Kg	0.00332	0.00189	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00332	0.000931	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Ethyl methacrylate		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Ethylbenzene		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Hexachlorobutadiene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Iodomethane		U mg/Kg	0.00831	0.00332	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.017	0.00241	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Methylene chloride		U mg/Kg	0.025	0.017	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Naphthalene		U mg/Kg	0.017	0.00831	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-7W (2-4)** Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Styrene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Tetrachloroethene		U mg/Kg	0.00332	0.000748	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Toluene		U mg/Kg	0.00332	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Trichloroethene		U mg/Kg	0.00332	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Trichlorofluoromethane		U mg/Kg	0.00332	0.00125	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Vinyl acetate		U mg/Kg	0.00332	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Vinyl chloride		U mg/Kg	0.00332	0.00163	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
Xylenes- Total		U mg/Kg	0.00332	0.00165	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00332	0.000731	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00332	0.00155	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
m & p-xylene		U mg/Kg	0.00332	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
n-Butylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
n-propylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
o-Xylene		U mg/Kg	0.00332	0.000665	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
sec-Butylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.033	0.012	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00499	0.00184	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
tert-Butylbenzene		U mg/Kg	0.00332	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00332	0.00148	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00332	0.000731	1 10/6/2023 10:00	TDB	10/6/2023 20:15	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G						
Percent Solids (Dryweight)	83.3 %	0.1	1				10/6/2023 11:34	CT	

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
o-Terphenyl (S)	47 %	66-136	1	10/10/2023 11:17	NI	10/11/2023 13:42	BFM	J2	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (S)			Preparation Method: EPA 3545						
			Analytical Method: FL-PRO (GC)						
Nonatriacontane (S)	73 %	36-132	1	10/10/2023 11:17	NI	10/11/2023 13:42	BFM		
Florida Pro Total	U mg/Kg	45.6	15.2	1	10/10/2023 11:17	NI	10/11/2023 13:42	BFM	

Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)			Preparation Method: EPA 3050B (mod)						
			Analytical Method: EPA 6020						
Chromium	42 mg/Kg	1.3	0.26	2	10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4h
Arsenic	4.6 mg/Kg	0.60	0.098	2	10/10/2023 15:15	ECW	10/10/2023 20:18	DB	
Silver	U mg/Kg	0.60	0.36	2	10/10/2023 15:15	ECW	10/10/2023 20:18	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933015**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-7W (2-4)**

Date Collected: 10/4/2023 12:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Cadmium	0.28i	mg/Kg	0.60	0.11	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	
Barium	55	mg/Kg	1.3	0.26	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4h
Mercury	0.34i	mg/Kg	0.73	0.15	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4
Lead	21	mg/Kg	0.60	0.094	2 10/10/2023 15:15	ECW	10/10/2023 20:18	DB	J4
Selenium	U	mg/Kg	1.2	0.56	2 10/10/2023 15:15	ECW	10/12/2023 02:12	DB	P1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933016** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6N-1 (0-0.5)** Date Collected: 10/4/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00228	0.000683	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00228	0.000626	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Dibromofluoromethane (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00228	0.000581	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1-Dichloroethane	U	mg/Kg	0.00228	0.000888	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-Bromofluorobenzene (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1-Dichloroethene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,1-Dichloropropene	U	mg/Kg	0.00228	0.000535	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00114	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00342	0.00137	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00228	0.000854	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-DBCP	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00228	0.000547	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dichloroethane	U	mg/Kg	0.00228	0.000957	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,2-Dichloropropane	U	mg/Kg	0.00228	0.000683	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,3-Dichloropropane	U	mg/Kg	0.00228	0.000512	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
2,2-Dichloropropane	U	mg/Kg	0.00228	0.000604	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
2-Chlorotoluene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
2-Hexanone	U	mg/Kg	0.00342	0.00131	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-Chlorotoluene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-Isopropyltoluene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00228	0.000615	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Acetone	U	mg/Kg	0.011	0.00354	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Acrolein	U	mg/Kg	0.011	0.00531	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Acrylonitrile	U	mg/Kg	0.023	0.00855	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Benzene	U	mg/Kg	0.00228	0.000524	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromobenzene	U	mg/Kg	0.00228	0.00102	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromochloromethane	U	mg/Kg	0.00342	0.00126	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromodichloromethane	U	mg/Kg	0.00228	0.000456	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromoform	U	mg/Kg	0.00228	0.000854	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Bromomethane	U	mg/Kg	0.00342	0.00171	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB
Carbon disulfide	U	mg/Kg	0.00456	0.00228	1	10/6/2023 10:00	TDB	10/6/2023 20:40	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933016** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6N-1 (0-0.5)** Date Collected: 10/4/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00228	0.000615	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chlorobenzene		U mg/Kg	0.00228	0.000490	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chloroethane		U mg/Kg	0.00228	0.000660	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chloroform		U mg/Kg	0.017	0.00752	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Chloromethane		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Dibromochloromethane		U mg/Kg	0.00228	0.000649	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Dibromomethane		U mg/Kg	0.00228	0.00130	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00228	0.000638	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Ethyl methacrylate		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Ethylbenzene		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Hexachlorobutadiene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Iodomethane		U mg/Kg	0.00569	0.00228	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.011	0.00165	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Methylene chloride		U mg/Kg	0.017	0.011	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Naphthalene		U mg/Kg	0.011	0.00569	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Styrene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Tetrachloroethene		U mg/Kg	0.00228	0.000512	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Toluene		U mg/Kg	0.00228	0.000968	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Trichloroethene		U mg/Kg	0.00228	0.000888	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Trichlorofluoromethane		U mg/Kg	0.00228	0.000854	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Vinyl acetate		U mg/Kg	0.00228	0.000934	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Vinyl chloride		U mg/Kg	0.00228	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
Xylenes- Total		U mg/Kg	0.00228	0.00113	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00228	0.000501	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00228	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
m & p-xylene		U mg/Kg	0.00228	0.000729	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
n-Butylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
n-propylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
o-Xylene		U mg/Kg	0.00228	0.000456	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
sec-Butylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.023	0.00806	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00342	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
tert-Butylbenzene		U mg/Kg	0.00228	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00228	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00228	0.000501	1 10/6/2023 10:00	TDB	10/6/2023 20:40	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)			Analytical Method: SM 2540G		
Percent Solids (Dryweight)	87.3 %	0.1	1	10/6/2023 11:36	CT



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933016** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6N-1 (0-0.5)** Date Collected: 10/4/2023 12:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	13	mg/Kg	1.2	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Arsenic	2.6	mg/Kg	0.57	0.094	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Silver	U	mg/Kg	0.57	0.34	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Cadmium	0.79	mg/Kg	0.57	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Barium	60	mg/Kg	1.3	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Mercury	U	mg/Kg	0.70	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Lead	110	mg/Kg	0.57	0.089	2	10/10/2023 16:51	ECW	10/10/2023 21:17	DB
Selenium	U	mg/Kg	1.1	0.54	2	10/10/2023 16:51	ECW	10/12/2023 02:17	DB
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0051i	mg/L	0.0080	0.00012	4	10/23/2023 14:01	DB	10/23/2023 16:44	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933017** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6E-1 (0-0.5)** Date Collected: 10/4/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00249	0.000748	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00249	0.000686	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00249	0.000636	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1-Dichloroethane	U	mg/Kg	0.00249	0.000973	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1-Dichloroethene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,1-Dichloropropene	U	mg/Kg	0.00249	0.000586	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00125	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00374	0.00150	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00249	0.000936	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-DBCP	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00249	0.000599	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dichloroethane	U	mg/Kg	0.00249	0.00105	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,2-Dichloropropane	U	mg/Kg	0.00249	0.000748	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,3-Dichloropropane	U	mg/Kg	0.00249	0.000561	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
2,2-Dichloropropane	U	mg/Kg	0.00249	0.000661	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
2-Chlorotoluene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
2-Hexanone	U	mg/Kg	0.00374	0.00143	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-Chlorotoluene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-Isopropyltoluene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00249	0.000674	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Acetone	U	mg/Kg	0.012	0.00388	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Acrolein	U	mg/Kg	0.012	0.00581	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Acrylonitrile	U	mg/Kg	0.025	0.00937	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Benzene	U	mg/Kg	0.00249	0.000574	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromobenzene	U	mg/Kg	0.00249	0.00112	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromochloromethane	U	mg/Kg	0.00374	0.00138	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromodichloromethane	U	mg/Kg	0.00249	0.000499	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromoform	U	mg/Kg	0.00249	0.000936	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Bromomethane	U	mg/Kg	0.00374	0.00187	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB
Carbon disulfide	U	mg/Kg	0.00499	0.00249	1	10/6/2023 10:00	TDB	10/6/2023 21:05	TDB

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10/25/2023

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FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933017** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6E-1 (0-0.5)** Date Collected: 10/4/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00249	0.000674	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chlorobenzene		U mg/Kg	0.00249	0.000536	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chloroethane		U mg/Kg	0.00249	0.000723	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chloroform		U mg/Kg	0.019	0.00823	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Chloromethane		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Dibromochloromethane		U mg/Kg	0.00249	0.000711	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Dibromomethane		U mg/Kg	0.00249	0.00142	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00249	0.000699	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Ethyl methacrylate		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Ethylbenzene		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Hexachlorobutadiene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Iodomethane		U mg/Kg	0.00624	0.00249	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.012	0.00181	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Methylene chloride		U mg/Kg	0.019	0.012	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Naphthalene		U mg/Kg	0.012	0.00624	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Styrene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Tetrachloroethene		U mg/Kg	0.00249	0.000561	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Toluene		U mg/Kg	0.00249	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Trichloroethene		U mg/Kg	0.00249	0.000973	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Trichlorofluoromethane		U mg/Kg	0.00249	0.000936	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Vinyl acetate		U mg/Kg	0.00249	0.00102	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Vinyl chloride		U mg/Kg	0.00249	0.00122	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
Xylenes- Total		U mg/Kg	0.00249	0.00123	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00249	0.000549	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00249	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
m & p-xylene		U mg/Kg	0.00249	0.000798	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
n-Butylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
n-propylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
o-Xylene		U mg/Kg	0.00249	0.000499	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
sec-Butylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.025	0.00883	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00374	0.00138	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
tert-Butylbenzene		U mg/Kg	0.00249	0.00112	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00249	0.00111	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00249	0.000549	1 10/6/2023 10:00	TDB	10/6/2023 21:05	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.2 %	0.1	1	10/6/2023 11:41	CT
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Report ID: 2387933 - 3843152
10/25/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933017** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6E-1 (0-0.5)** Date Collected: 10/4/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	19	mg/Kg	1.3	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Arsenic	3.0	mg/Kg	0.58	0.095	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Silver	U	mg/Kg	0.58	0.35	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Cadmium	0.62	mg/Kg	0.58	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Barium	27	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Mercury	0.21i	mg/Kg	0.71	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Lead	92	mg/Kg	0.58	0.090	2	10/10/2023 16:51	ECW	10/10/2023 21:21	DB
Selenium	U	mg/Kg	1.2	0.54	2	10/10/2023 16:51	ECW	10/12/2023 02:22	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933018** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-1 (0-0.5)** Date Collected: 10/4/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00218	0.000653	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00218	0.000598	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00218	0.000555	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1-Dichloroethane	U	mg/Kg	0.00218	0.000849	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-Bromofluorobenzene (S)	99	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1-Dichloroethene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,1-Dichloropropene	U	mg/Kg	0.00218	0.000511	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00109	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00326	0.00131	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00218	0.000816	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-DBCP	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00218	0.000522	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dichloroethane	U	mg/Kg	0.00218	0.000914	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,2-Dichloropropane	U	mg/Kg	0.00218	0.000653	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,3-Dichloropropane	U	mg/Kg	0.00218	0.000490	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
2,2-Dichloropropane	U	mg/Kg	0.00218	0.000577	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
2-Chlorotoluene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
2-Hexanone	U	mg/Kg	0.00326	0.00125	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-Chlorotoluene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-Isopropyltoluene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00218	0.000588	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Acetone	U	mg/Kg	0.011	0.00338	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Acrolein	U	mg/Kg	0.011	0.00507	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Acrylonitrile	U	mg/Kg	0.022	0.00817	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Benzene	U	mg/Kg	0.00218	0.000500	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromobenzene	U	mg/Kg	0.00218	0.000979	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromochloromethane	U	mg/Kg	0.00326	0.00121	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromodichloromethane	U	mg/Kg	0.00218	0.000435	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromoform	U	mg/Kg	0.00218	0.000816	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Bromomethane	U	mg/Kg	0.00326	0.00163	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB
Carbon disulfide	U	mg/Kg	0.00435	0.00218	1	10/6/2023 10:00	TDB	10/6/2023 21:31	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933018** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-1 (0-0.5)** Date Collected: 10/4/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00218	0.000588	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chlorobenzene		U mg/Kg	0.00218	0.000468	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chloroethane		U mg/Kg	0.00218	0.000631	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chloroform		U mg/Kg	0.016	0.00718	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Chloromethane		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Dibromochloromethane		U mg/Kg	0.00218	0.000620	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Dibromomethane		U mg/Kg	0.00218	0.00124	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00218	0.000609	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Ethyl methacrylate		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Ethylbenzene	0.000566i	mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Hexachlorobutadiene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Iodomethane		U mg/Kg	0.00544	0.00218	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.011	0.00158	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Methylene chloride		U mg/Kg	0.016	0.011	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Naphthalene		U mg/Kg	0.011	0.00544	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Styrene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Tetrachloroethene		U mg/Kg	0.00218	0.000490	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Toluene		U mg/Kg	0.00218	0.000925	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Trichloroethene		U mg/Kg	0.00218	0.000849	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Trichlorofluoromethane		U mg/Kg	0.00218	0.000816	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Vinyl acetate		U mg/Kg	0.00218	0.000892	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Vinyl chloride		U mg/Kg	0.00218	0.00107	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
Xylenes- Total	0.00231	mg/Kg	0.00218	0.00108	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00218	0.000479	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00218	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
m & p-xylene	0.00183i	mg/Kg	0.00218	0.000696	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
n-Butylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
n-propylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
o-Xylene	0.000479i	mg/Kg	0.00218	0.000435	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
sec-Butylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.022	0.00770	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00326	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
tert-Butylbenzene		U mg/Kg	0.00218	0.000979	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00218	0.000968	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00218	0.000479	1 10/6/2023 10:00	TDB	10/6/2023 21:31	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	84.3 %	0.1	1	10/6/2023 11:41	CT
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933018** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-1 (0-0.5)** Date Collected: 10/4/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	48	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Arsenic	4.8	mg/Kg	0.59	0.097	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Silver	0.39i	mg/Kg	0.59	0.36	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Cadmium	2.0	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Barium	38	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Mercury	0.19i	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Lead	260	mg/Kg	0.59	0.093	2	10/10/2023 16:51	ECW	10/10/2023 21:26	DB
Selenium	U	mg/Kg	1.2	0.56	2	10/10/2023 16:51	ECW	10/12/2023 02:26	DB
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0034i	mg/L	0.0080	0.00012	4	10/23/2023 14:01	DB	10/23/2023 16:49	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933019** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-1 (0-0.5)** Date Collected: 10/4/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00259	0.000778	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00259	0.000713	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Dibromofluoromethane (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00259	0.000661	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Toluene d8 (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1-Dichloroethane	U	mg/Kg	0.00259	0.00101	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1-Dichloroethene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,1-Dichloropropene	U	mg/Kg	0.00259	0.000609	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00130	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00389	0.00156	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00259	0.000972	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-DBCP	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00259	0.000622	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dichloroethane	U	mg/Kg	0.00259	0.00109	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,2-Dichloropropane	U	mg/Kg	0.00259	0.000778	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,3-Dichloropropane	U	mg/Kg	0.00259	0.000583	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
2,2-Dichloropropane	U	mg/Kg	0.00259	0.000687	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
2-Chlorotoluene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
2-Hexanone	U	mg/Kg	0.00389	0.00149	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-Chlorotoluene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-Isopropyltoluene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00259	0.000700	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Acetone	U	mg/Kg	0.013	0.00403	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Acrolein	U	mg/Kg	0.013	0.00604	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Acrylonitrile	U	mg/Kg	0.026	0.00973	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Benzene	U	mg/Kg	0.00259	0.000596	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromobenzene	U	mg/Kg	0.00259	0.00117	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromochloromethane	U	mg/Kg	0.00389	0.00144	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromodichloromethane	U	mg/Kg	0.00259	0.000518	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromoform	U	mg/Kg	0.00259	0.000972	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Bromomethane	U	mg/Kg	0.00389	0.00194	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB
Carbon disulfide	U	mg/Kg	0.00518	0.00259	1	10/6/2023 10:00	TDB	10/6/2023 21:56	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933019** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-1 (0-0.5)** Date Collected: 10/4/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00259	0.000700	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chlorobenzene		U mg/Kg	0.00259	0.000557	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chloroethane		U mg/Kg	0.00259	0.000752	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chloroform		U mg/Kg	0.019	0.00855	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Chloromethane		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Dibromochloromethane		U mg/Kg	0.00259	0.000739	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Dibromomethane		U mg/Kg	0.00259	0.00148	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00259	0.000726	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Ethyl methacrylate		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Ethylbenzene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Hexachlorobutadiene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Iodomethane		U mg/Kg	0.00648	0.00259	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00188	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Methylene chloride		U mg/Kg	0.019	0.013	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Naphthalene		U mg/Kg	0.013	0.00648	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Styrene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Tetrachloroethene		U mg/Kg	0.00259	0.000583	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Toluene		U mg/Kg	0.00259	0.00110	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Trichloroethene		U mg/Kg	0.00259	0.00101	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Trichlorofluoromethane		U mg/Kg	0.00259	0.000972	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Vinyl acetate		U mg/Kg	0.00259	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Vinyl chloride		U mg/Kg	0.00259	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
Xylenes- Total		U mg/Kg	0.00259	0.00128	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00259	0.000570	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00259	0.00121	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
m & p-xylene		U mg/Kg	0.00259	0.000829	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
n-Butylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
n-propylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
o-Xylene		U mg/Kg	0.00259	0.000518	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
sec-Butylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00918	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00389	0.00144	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
tert-Butylbenzene		U mg/Kg	0.00259	0.00117	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00259	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00259	0.000570	1 10/6/2023 10:00	TDB	10/6/2023 21:56	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G
Percent Solids (Dryweight)	77.6 %	0.1	1		10/6/2023 11:47 CT



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933019**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-6W-1 (0-0.5)**

Date Collected: 10/4/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 Metals SCAN by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.3	0.60	2	10/10/2023 16:51	DB	10/12/2023 02:31	DB
Chromium		89 mg/Kg	1.4	0.28	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Arsenic		9.0 mg/Kg	0.64	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Silver		U mg/Kg	0.64	0.39	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Cadmium		3.4 mg/Kg	0.64	0.12	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Barium		100 mg/Kg	1.4	0.28	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Mercury		0.94 mg/Kg	0.79	0.16	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB
Lead		210 mg/Kg	0.64	0.10	2	10/10/2023 16:51	ECW	10/10/2023 21:30	DB L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead		0.0021i mg/L	0.0080	0.00012	4	10/23/2023 14:01	DB	10/23/2023 16:53	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933020** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-2 (0-0.5)** Date Collected: 10/4/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00257	0.000772	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00257	0.000708	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00257	0.000657	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Toluene d8 (S)	100	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1-Dichloroethane	U	mg/Kg	0.00257	0.00100	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-Bromofluorobenzene (S)	104	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1-Dichloroethene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,1-Dichloropropene	U	mg/Kg	0.00257	0.000605	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00129	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00386	0.00154	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00257	0.000965	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-DBCP	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00257	0.000618	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dichloroethane	U	mg/Kg	0.00257	0.00108	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,2-Dichloropropane	U	mg/Kg	0.00257	0.000772	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,3-Dichloropropane	U	mg/Kg	0.00257	0.000579	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
2,2-Dichloropropane	U	mg/Kg	0.00257	0.000682	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
2-Chlorotoluene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
2-Hexanone	U	mg/Kg	0.00386	0.00148	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-Chlorotoluene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-Isopropyltoluene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00257	0.000695	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Acetone	U	mg/Kg	0.013	0.00400	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Acrolein	U	mg/Kg	0.013	0.00600	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Acrylonitrile	U	mg/Kg	0.026	0.00967	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Benzene	U	mg/Kg	0.00257	0.000592	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromobenzene	U	mg/Kg	0.00257	0.00116	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromochloromethane	U	mg/Kg	0.00386	0.00143	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromodichloromethane	U	mg/Kg	0.00257	0.000515	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromoform	U	mg/Kg	0.00257	0.000965	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Bromomethane	U	mg/Kg	0.00386	0.00193	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB
Carbon disulfide	U	mg/Kg	0.00515	0.00257	1	10/6/2023 10:00	TDB	10/6/2023 22:21	TDB

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10/25/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933020** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-2 (0-0.5)** Date Collected: 10/4/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00257	0.000695	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chlorobenzene		U mg/Kg	0.00257	0.000554	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chloroethane		U mg/Kg	0.00257	0.000747	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chloroform		U mg/Kg	0.019	0.00850	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Chloromethane		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Dibromochloromethane		U mg/Kg	0.00257	0.000734	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Dibromomethane		U mg/Kg	0.00257	0.00147	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00257	0.000721	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Ethyl methacrylate		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Ethylbenzene		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Hexachlorobutadiene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Iodomethane		U mg/Kg	0.00644	0.00257	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.013	0.00187	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Methylene chloride		U mg/Kg	0.019	0.013	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Naphthalene		U mg/Kg	0.013	0.00644	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Styrene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Tetrachloroethene		U mg/Kg	0.00257	0.000579	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Toluene		U mg/Kg	0.00257	0.00109	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Trichloroethene		U mg/Kg	0.00257	0.00100	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Trichlorofluoromethane		U mg/Kg	0.00257	0.000965	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Vinyl acetate		U mg/Kg	0.00257	0.00106	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Vinyl chloride		U mg/Kg	0.00257	0.00126	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
Xylenes- Total		U mg/Kg	0.00257	0.00127	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00257	0.000566	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00257	0.00120	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
m & p-xylene		U mg/Kg	0.00257	0.000824	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
n-Butylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
n-propylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
o-Xylene		U mg/Kg	0.00257	0.000515	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
sec-Butylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.026	0.00911	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00386	0.00143	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
tert-Butylbenzene		U mg/Kg	0.00257	0.00116	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00257	0.00115	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00257	0.000566	1 10/6/2023 10:00	TDB	10/6/2023 22:21	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	76.2 %	0.1	1	10/6/2023 11:49	CT
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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933020** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6W-2 (0-0.5)** Date Collected: 10/4/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	83	mg/Kg	1.4	0.29	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB
Arsenic	8.4	mg/Kg	0.66	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB
Silver	0.53i	mg/Kg	0.66	0.39	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB
Cadmium	3.9	mg/Kg	0.66	0.12	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB
Barium	130	mg/Kg	1.4	0.29	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB L1
Mercury	0.93	mg/Kg	0.80	0.16	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB
Lead	350	mg/Kg	0.66	0.10	2	10/10/2023 16:51	ECW	10/10/2023 21:35	DB L1
Selenium	U	mg/Kg	1.3	0.61	2	10/10/2023 16:51	ECW	10/12/2023 02:36	DB
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.014	mg/L	0.0080	0.00012	4	10/23/2023 14:34	ECW	10/23/2023 17:56	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933021** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-2 (0-0.5)** Date Collected: 10/4/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (S)

Preparation Method: EPA 5035

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	mg/Kg	0.00303	0.000909	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1,1-Trichloroethane	U	mg/Kg	0.00303	0.000834	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1,2,2-Tetrachloroethane	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Dibromofluoromethane (S)	103	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1,2-Trichloroethane	U	mg/Kg	0.00303	0.000773	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Toluene d8 (S)	102	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1-Dichloroethane	U	mg/Kg	0.00303	0.00118	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-Bromofluorobenzene (S)	101	%	60-135		1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1-Dichloroethene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,1-Dichloropropene	U	mg/Kg	0.00303	0.000712	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,3-Trichlorobenzene	U	mg/Kg	0.00152	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,3-Trichloropropane	U	mg/Kg	0.00455	0.00182	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,4-Trichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2,4-Trimethylbenzene	U	mg/Kg	0.00303	0.00114	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-DBCP	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dibromoethane (EDB)	U	mg/Kg	0.00303	0.000727	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dichloroethane	U	mg/Kg	0.00303	0.00127	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,2-Dichloropropane	U	mg/Kg	0.00303	0.000909	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,3,5-Trimethylbenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,3-Dichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,3-Dichloropropane	U	mg/Kg	0.00303	0.000682	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
1,4-Dichlorobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
2,2-Dichloropropane	U	mg/Kg	0.00303	0.000803	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
2-Chlorotoluene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
2-Hexanone	U	mg/Kg	0.00455	0.00174	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-Chlorotoluene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-Isopropyltoluene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
4-methyl-2-pentanone	U	mg/Kg	0.00303	0.000818	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Acetone	U	mg/Kg	0.015	0.00471	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Acrolein	U	mg/Kg	0.015	0.00706	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Acrylonitrile	U	mg/Kg	0.030	0.011	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Benzene	U	mg/Kg	0.00303	0.000697	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromobenzene	U	mg/Kg	0.00303	0.00136	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromochloromethane	U	mg/Kg	0.00455	0.00168	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromodichloromethane	U	mg/Kg	0.00303	0.000606	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromoform	U	mg/Kg	0.00303	0.00114	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Bromomethane	U	mg/Kg	0.00455	0.00227	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB
Carbon disulfide	U	mg/Kg	0.00606	0.00303	1	10/6/2023 10:00	TDB	10/6/2023 22:46	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933021** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-6S-2 (0-0.5)** Date Collected: 10/4/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Carbon tetrachloride		U mg/Kg	0.00303	0.000818	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chlorobenzene		U mg/Kg	0.00303	0.000652	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chloroethane		U mg/Kg	0.00303	0.000879	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chloroform		U mg/Kg	0.023	0.010	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Chloromethane		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Dibromochloromethane		U mg/Kg	0.00303	0.000864	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Dibromomethane		U mg/Kg	0.00303	0.00173	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Dichlorodifluoromethane		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
cis-1,3-Dichloropropene		U mg/Kg	0.00303	0.000849	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Ethyl methacrylate		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Ethylbenzene		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Hexachlorobutadiene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Iodomethane		U mg/Kg	0.00758	0.00303	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Isopropylbenzene (Cumene)		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Methyl ethyl ketone (MEK)		U mg/Kg	0.015	0.00220	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Methylene chloride		U mg/Kg	0.023	0.015	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Naphthalene		U mg/Kg	0.015	0.00758	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Styrene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Tetrachloroethene		U mg/Kg	0.00303	0.000682	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Toluene		U mg/Kg	0.00303	0.00129	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Trichloroethene		U mg/Kg	0.00303	0.00118	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Trichlorofluoromethane		U mg/Kg	0.00303	0.00114	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Vinyl acetate		U mg/Kg	0.00303	0.00124	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Vinyl chloride		U mg/Kg	0.00303	0.00149	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
Xylenes- Total		U mg/Kg	0.00303	0.00150	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
cis-1,2-Dichloroethene		U mg/Kg	0.00303	0.000667	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
cis-1,4-Dichloro-2-butene		U mg/Kg	0.00303	0.00141	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
m & p-xylene		U mg/Kg	0.00303	0.000970	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
n-Butylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
n-propylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
o-Xylene		U mg/Kg	0.00303	0.000606	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
sec-Butylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
t-1,4-Dichloro-2-butene		U mg/Kg	0.030	0.011	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
tert-Butyl methyl ether (MTBE)		U mg/Kg	0.00455	0.00168	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
tert-Butylbenzene		U mg/Kg	0.00303	0.00136	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
trans-1,2-Dichloroethene		U mg/Kg	0.00303	0.00135	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	
trans-1,3-Dichloropropene		U mg/Kg	0.00303	0.000667	1 10/6/2023 10:00	TDB	10/6/2023 22:46	TDB	

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight) 71.7 % 0.1 1 10/6/2023 11:56 CT

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933021**

Date Received: 10/5/2023 19:55

Matrix: Soil/Solid

Sample ID: **SB-6S-2 (0-0.5)**

Date Collected: 10/4/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	77	mg/Kg	1.5	0.30	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Arsenic	17	mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Silver	0.61i	mg/Kg	0.70	0.42	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Cadmium	5.5	mg/Kg	0.70	0.13	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Barium	94	mg/Kg	1.5	0.31	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Mercury	0.56i	mg/Kg	0.85	0.17	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB
Lead	330	mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:39	DB L1
Selenium	U	mg/Kg	1.4	0.65	2	10/10/2023 16:51	ECW	10/12/2023 02:40	DB
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0049i	mg/L	0.0080	0.00012	4	10/23/2023 14:34	ECW	10/23/2023 18:01	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933022** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5N-1 (0-0.5)** Date Collected: 10/4/2023 13:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	68.2	%	0.1		1		10/6/2023 12:03	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	160	mg/Kg	1.6	0.32	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	L1
Arsenic	40	mg/Kg	0.73	0.12	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Silver	3.4	mg/Kg	0.73	0.44	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Cadmium	17	mg/Kg	0.73	0.13	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Barium	810	mg/Kg	1.6	0.32	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	L2
Mercury	7.6	mg/Kg	0.89	0.18	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	
Lead	1100	mg/Kg	0.73	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:44	DB	L2
Selenium	U	mg/Kg	1.5	0.69	2	10/10/2023 16:51	ECW 10/12/2023 03:07	DB	
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.015	mg/L	0.0080	0.00012	4	10/23/2023 14:34	ECW 10/23/2023 18:05	DB	
Chromium	0.00092i	mg/L	0.0080	0.00027	4	10/23/2023 14:34	ECW 10/23/2023 18:05	DB	
Mercury	U	mg/L	0.0080	0.00073	4	10/23/2023 14:34	ECW 10/23/2023 18:05	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933023** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5N-2 (0-0.5)** Date Collected: 10/4/2023 13:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	71.4	%	0.1		1		10/6/2023 12:04	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.4	0.66	2	10/10/2023 16:51	ECW 10/12/2023 03:12	DB	
Chromium		92 mg/Kg	1.5	0.31	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Arsenic		37 mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Silver		1.1 mg/Kg	0.70	0.42	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Cadmium		9.6 mg/Kg	0.70	0.13	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Barium		190 mg/Kg	1.5	0.31	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	L1
Mercury		1.6 mg/Kg	0.85	0.17	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	
Lead		800 mg/Kg	0.70	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:49	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0064i	mg/L	0.0080	0.00012	4	10/23/2023 14:34	ECW 10/23/2023 18:10	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933024** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5E-1 (0-0.5)** Date Collected: 10/4/2023 14:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	85.0	%	0.1		1		10/6/2023 12:04	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW 10/12/2023 03:16	DB	
Chromium		29 mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Arsenic		6.4 mg/Kg	0.59	0.096	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Silver		U mg/Kg	0.59	0.35	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Cadmium		2.8 mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Barium		35 mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Mercury		0.28i mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	
Lead		260 mg/Kg	0.59	0.092	2	10/10/2023 16:51	ECW 10/10/2023 21:53	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.019	mg/L	0.0080	0.00012	4	10/23/2023 14:34	ECW 10/23/2023 18:14	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933025** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5E-2 (0-0.5)** Date Collected: 10/4/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	85.6	%	0.1		1		10/9/2023 11:06	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	13	mg/Kg	1.3	0.25	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Arsenic	2.8	mg/Kg	0.58	0.096	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Silver	U	mg/Kg	0.58	0.35	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Cadmium	0.58i	mg/Kg	0.58	0.11	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Barium	16	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Mercury	U	mg/Kg	0.71	0.14	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Lead	65	mg/Kg	0.58	0.091	2	10/10/2023 16:51	ECW	10/10/2023 21:58	DB
Selenium	U	mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW	10/12/2023 03:21	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933026** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-1 (0-0.5)** Date Collected: 10/4/2023 14:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	65.1	%	0.1		1		10/9/2023 11:08	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.5	0.72	2	10/10/2023 16:51	ECW 10/12/2023 03:25	DB	
Chromium	110	mg/Kg	1.7	0.34	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Arsenic	110	mg/Kg	0.77	0.13	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Silver	2.0	mg/Kg	0.77	0.46	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Cadmium	17	mg/Kg	0.77	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Barium	600	mg/Kg	1.7	0.34	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	L1
Mercury	2.8	mg/Kg	0.94	0.19	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	
Lead	1400	mg/Kg	0.77	0.12	2	10/10/2023 16:51	ECW 10/10/2023 22:25	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.013	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 14:23	DB	
Chromium	0.00070i	mg/L	0.0080	0.00027	4	10/25/2023 11:26	ECW 10/25/2023 14:23	DB	
Arsenic	0.0066i	mg/L	0.0080	0.00065	4	10/25/2023 11:26	ECW 10/25/2023 14:23	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933027** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-2 (0-0.5)** Date Collected: 10/4/2023 14:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	72.7	%	0.1		1		10/9/2023 11:13	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.4	0.64	2	10/10/2023 16:51	ECW 10/12/2023 03:30	DB	
Chromium	67	mg/Kg	1.5	0.30	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Arsenic	27	mg/Kg	0.69	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Silver	1.3	mg/Kg	0.69	0.41	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Cadmium	15	mg/Kg	0.69	0.13	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Barium	690	mg/Kg	1.5	0.30	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	L1
Mercury	1.8	mg/Kg	0.84	0.17	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	
Lead	1000	mg/Kg	0.69	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:29	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.012	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 14:27	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933028** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-3 (0-0.5)** Date Collected: 10/4/2023 14:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	57.5	%	0.1		1		10/9/2023 11:19	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	76	mg/Kg	1.9	0.38	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Arsenic	39	mg/Kg	0.87	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Silver	1.6	mg/Kg	0.87	0.52	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Cadmium	19	mg/Kg	0.87	0.16	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Barium	440	mg/Kg	1.9	0.38	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	L1
Mercury	1.7	mg/Kg	1.1	0.21	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	
Lead	1300	mg/Kg	0.87	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:34	DB	L2
Selenium	U	mg/Kg	1.7	0.81	2	10/10/2023 16:51	ECW 10/12/2023 03:35	DB	
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.021	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 14:32	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933029** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5W-4 (0-0.5)** Date Collected: 10/4/2023 14:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	84.7	%	0.1		1		10/9/2023 11:18	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	23	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Arsenic	5.5	mg/Kg	0.59	0.097	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Silver	U	mg/Kg	0.59	0.35	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Cadmium	4.2	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Barium	68	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Mercury	0.93	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	
Lead	140	mg/Kg	0.59	0.092	2	10/10/2023 16:51	ECW 10/10/2023 22:39	DB	L1
Selenium	U	mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW 10/12/2023 03:39	DB	
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0098	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 14:36	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933030** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5S-1 (0-0.5)** Date Collected: 10/4/2023 15:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	80.7	%	0.1		1		10/9/2023 11:26	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Selenium		U mg/Kg	1.2	0.58	2	10/10/2023 16:51	ECW 10/12/2023 03:44	DB	
Chromium	26	mg/Kg	1.4	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Arsenic	15	mg/Kg	0.62	0.10	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Silver		U mg/Kg	0.62	0.37	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Cadmium	1.4	mg/Kg	0.62	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Barium	32	mg/Kg	1.4	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Mercury	0.47i	mg/Kg	0.76	0.15	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	
Lead	180	mg/Kg	0.62	0.097	2	10/10/2023 16:51	ECW 10/10/2023 22:43	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0074i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 14:41	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933031** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-5S-2 (0-0.5)** Date Collected: 10/4/2023 15:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	81.8	%	0.1		1		10/9/2023 11:28	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	25	mg/Kg	1.3	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Arsenic	6.1	mg/Kg	0.61	0.10	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Silver	U	mg/Kg	0.61	0.37	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Cadmium	2.2	mg/Kg	0.61	0.11	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Barium	46	mg/Kg	1.3	0.27	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Mercury	0.42i	mg/Kg	0.75	0.15	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	
Lead	240	mg/Kg	0.61	0.095	2	10/10/2023 16:51	ECW 10/10/2023 22:48	DB	L1
Selenium	U	mg/Kg	1.2	0.57	2	10/10/2023 16:51	ECW 10/12/2023 03:49	DB	
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.023	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 14:45	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7N** Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	97	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Toluene d8 (S)	97	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-Bromofluorobenzene (S)	98	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7N**

Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Bromodichloromethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Bromoform	U	ug/L	1.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Bromomethane	U	ug/L	6.00	4.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Carbon disulfide	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Carbon tetrachloride	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Chlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Chloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Chloroform	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Chloromethane	U	ug/L	5.00	2.50	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Dibromochloromethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Dibromomethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Dichlorodifluoromethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
cis-1,3-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Ethyl methacrylate	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Ethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Hexachlorobutadiene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Iodomethane	U	ug/L	1.00	0.460	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Isopropylbenzene (Cumene)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Methyl ethyl ketone (MEK)	U	ug/L	5.00	0.640	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Methylene chloride	U	ug/L	4.00	2.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Naphthalene	U	ug/L	5.00	2.00	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Styrene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Tetrachloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Toluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Trichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Trichlorofluoromethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Vinyl acetate	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Vinyl chloride	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
Xylenes- Total	U	ug/L	3.00	0.800	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
cis-1,2-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
cis-1,4-Dichloro-2-butene	U	ug/L	1.00	0.440	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
m & p-xylene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
n-Butylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
n-propylbenzene	U	ug/L	1.00	0.400	1	10/12/2023 10:00	TDB	10/12/2023 16:29	TDB
o-Xylene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
sec-Butylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
t-1,4-Dichloro-2-butene	U	ug/L	1.00	0.410	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
tert-Butyl methyl ether (MTBE)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
tert-Butylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
trans-1,2-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB
trans-1,3-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:26	TDB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7N** Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	73	%	66-139		1	JL	10/9/2023 21:29		BFM
Nonatriacontane (S)	52	%	40-129		1	JL	10/9/2023 21:29		BFM

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	JL	10/9/2023 21:29		BFM

Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	4.1	ug/L	2.0	0.80	4	ECW	10/9/2023 17:52		DB
Arsenic	2.2	ug/L	2.0	0.65	4	ECW	10/9/2023 17:52		DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 17:52		DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 17:52		DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 17:52		DB
Barium	8.9	ug/L	2.0	0.30	4	ECW	10/9/2023 17:52		DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 17:52		DB
Lead	U	ug/L	2.0	1.2	4	ECW	10/9/2023 17:52		DB

Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	U	ug/L	2.0	0.80	4	ECW	10/9/2023 17:47		DB
Arsenic	1.8i	ug/L	2.0	0.65	4	ECW	10/9/2023 17:47		DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 17:47		DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 17:47		DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 17:47		DB
Barium	4.6	ug/L	2.0	0.30	4	ECW	10/9/2023 17:47		DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 17:47		DB
Lead	U	ug/L	2.0	1.2	4	ECW	10/9/2023 17:47		DB

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 13:16		BFM
2-Methylnaphthalene	0.088i	ug/L	0.096	0.048	1	JL	10/10/2023 13:16		BFM
Acenaphthene	U	ug/L	0.048	0.024	1	JL	10/10/2023 13:16		BFM
Acenaphthylene	U	ug/L	0.048	0.024	1	JL	10/10/2023 13:16		BFM
Anthracene	U	ug/L	0.048	0.024	1	JL	10/10/2023 13:16		BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933032**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7N**

Date Collected: 10/4/2023 09:45

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(a)pyrene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(b)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(g,h,i)perylene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Benzo(k)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Chrysene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Dibenzo(a,h)anthracene		U ug/L	0.048	0.0048	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Fluoranthene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Fluorene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Indeno(1,2,3-cd)pyrene		U ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Naphthalene		U ug/L	0.096	0.048	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Phenanthrene		U ug/L	0.385	0.192	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Pyrene		U ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
Nitrobenzene-d5 (S)	86	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
2-Fluorobiphenyl (S)	83	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	
p-Terphenyl-d14 (S)	83	%	30-140		1 10/10/2023 10:27	JL	10/10/2023 13:16	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7** Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Toluene d8 (S)	94	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-Bromofluorobenzene (S)	99	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 18:50	TDB

Report ID: 2387933 - 3843152
10/25/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7**

Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chloroform	2.37	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 18:50	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7** Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	84	%	66-139		1	10/10/2023 13:15	JL	10/10/2023 16:15	BFM
Nonatriacontane (S)	109	%	40-129		1	10/10/2023 13:15	JL	10/10/2023 16:15	BFM
Semivolatiles by GC									
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	10/10/2023 13:15	JL	10/10/2023 16:15	BFM
Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	3.9	ug/L	2.0	0.80	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Arsenic	1.4i	ug/L	2.0	0.65	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Selenium	U	ug/L	4.0	2.1	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Silver	U	ug/L	2.0	0.80	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Cadmium	U	ug/L	2.0	0.28	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Barium	19	ug/L	2.0	0.30	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Mercury	U	ug/L	2.0	0.73	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Lead	11	ug/L	2.0	1.2	4	10/9/2023 16:07	ECW	10/9/2023 18:01	DB
Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	U	ug/L	2.0	0.80	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Arsenic	0.84i	ug/L	2.0	0.65	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Selenium	U	ug/L	4.0	2.1	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Silver	U	ug/L	2.0	0.80	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Cadmium	U	ug/L	2.0	0.28	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Barium	9.7	ug/L	2.0	0.30	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Mercury	U	ug/L	2.0	0.73	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Lead	U	ug/L	2.0	1.2	4	10/9/2023 15:47	ECW	10/9/2023 17:56	DB
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	10/10/2023 10:27	JL	10/10/2023 13:39	BFM
2-Methylnaphthalene	0.092i	ug/L	0.096	0.048	1	10/10/2023 10:27	JL	10/10/2023 13:39	BFM
Acenaphthene	U	ug/L	0.048	0.024	1	10/10/2023 10:27	JL	10/10/2023 13:39	BFM
Acenaphthylene	U	ug/L	0.048	0.024	1	10/10/2023 10:27	JL	10/10/2023 13:39	BFM
Anthracene	U	ug/L	0.048	0.024	1	10/10/2023 10:27	JL	10/10/2023 13:39	BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933033**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: 7

Date Collected: 10/4/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene	0.080	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(a)pyrene	0.115	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(b)fluoranthene	0.135	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(g,h,i)perylene	0.171	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Benzo(k)fluoranthene	0.097	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Chrysene	0.075	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Dibenzo(a,h)anthracene	0.037i	ug/L	0.048	0.0048	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Fluoranthene	0.114	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Fluorene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Indeno(1,2,3-cd)pyrene	0.196	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Naphthalene	U	ug/L	0.096	0.048	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Phenanthrene	U	ug/L	0.385	0.192	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Pyrene	0.075	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
Nitrobenzene-d5 (S)	90	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
2-Fluorobiphenyl (S)	90	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	
p-Terphenyl-d14 (S)	84	%	30-140		1 10/10/2023 10:27	JL	10/10/2023 13:39	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7E** Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	96	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Toluene d8 (S)	94	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-Bromofluorobenzene (S)	99	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:13	TDB

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10/25/2023

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ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7E**

Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chloroform	6.20	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:13	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7E** Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	95	%	66-139		1	JL	10/10/2023 13:15	JL	10/10/2023 16:15 BFM
Nonatriacontane (S)	71	%	40-129		1	JL	10/10/2023 13:15	JL	10/10/2023 16:15 BFM
Semivolatiles by GC									
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.15	0.385	1	JL	10/10/2023 13:15	JL	10/10/2023 16:15 BFM
Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	4.0	ug/L	2.0	0.80	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Arsenic	0.86i	ug/L	2.0	0.65	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Barium	23	ug/L	2.0	0.30	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Lead	2.7	ug/L	2.0	1.2	4	ECW	10/9/2023 16:07	ECW	10/9/2023 18:09 DB
Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	U	ug/L	2.0	0.80	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Arsenic	U	ug/L	2.0	0.65	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Selenium	U	ug/L	4.0	2.1	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Silver	U	ug/L	2.0	0.80	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Barium	15	ug/L	2.0	0.30	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Mercury	U	ug/L	2.0	0.73	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Lead	U	ug/L	2.0	1.2	4	ECW	10/9/2023 15:47	ECW	10/9/2023 18:05 DB
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 10:27	JL	10/10/2023 14:25 BFM
2-Methylnaphthalene	0.090i	ug/L	0.096	0.048	1	JL	10/10/2023 10:27	JL	10/10/2023 14:25 BFM
Acenaphthene	U	ug/L	0.048	0.024	1	JL	10/10/2023 10:27	JL	10/10/2023 14:25 BFM
Acenaphthylene	U	ug/L	0.048	0.024	1	JL	10/10/2023 10:27	JL	10/10/2023 14:25 BFM
Anthracene	U	ug/L	0.048	0.024	1	JL	10/10/2023 10:27	JL	10/10/2023 14:25 BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933034**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7E**

Date Collected: 10/4/2023 11:15

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(a)pyrene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(b)fluoranthene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(g,h,i)perylene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Benzo(k)fluoranthene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Chrysene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Dibenzo(a,h)anthracene	U	ug/L	0.048	0.0048	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Fluoranthene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Fluorene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Indeno(1,2,3-cd)pyrene	U	ug/L	0.048	0.014	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Naphthalene	U	ug/L	0.096	0.048	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Phenanthrene	U	ug/L	0.385	0.192	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Pyrene	U	ug/L	0.048	0.024	1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
Nitrobenzene-d5 (S)	91	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
2-Fluorobiphenyl (S)	91	%	30-110		1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	
p-Terphenyl-d14 (S)	94	%	30-140		1 10/10/2023 10:27	JL	10/10/2023 14:25	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7S** Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	97	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Toluene d8 (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-Bromofluorobenzene (S)	98	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-DBCP	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 19:37	TDB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7S**

Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chloroform	0.960i	ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 19:37	TDB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035** Date Received: 10/5/2023 19:55 Matrix: Aqueous Liquid
Sample ID: **7S** Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: Florida PRO by GC (W)

Preparation Method: EPA 3510C

Analytical Method: FL-PRO (GC)

o-Terphenyl (S)	67	%	66-139		1	10/10/2023 13:15	JL	10/10/2023 16:40	BFM
Nonatriacontane (S)	53	%	40-129		1	10/10/2023 13:15	JL	10/10/2023 16:40	BFM

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)

Preparation Method: EPA 3510C

Analytical Method: FL-PRO (GC)

Florida Pro Total		U mg/L	1.11	0.370	1	10/10/2023 13:15	JL	10/10/2023 16:40	BFM
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Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 200.8 (Total)

Chromium	4.2	ug/L	2.0	0.80	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Arsenic	0.92i	ug/L	2.0	0.65	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Selenium	U	ug/L	4.0	2.1	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Silver	U	ug/L	2.0	0.80	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Cadmium	U	ug/L	2.0	0.28	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Barium	12	ug/L	2.0	0.30	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Mercury	U	ug/L	2.0	0.73	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB
Lead	1.3i	ug/L	2.0	1.2	4	10/9/2023 16:07	ECW	10/9/2023 18:54	DB

Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)

Preparation Method: EPA 200.2 mod.

Analytical Method: EPA 200.8 (Dissolved)

Chromium	U	ug/L	2.0	0.80	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Arsenic	U	ug/L	2.0	0.65	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Selenium	U	ug/L	4.0	2.1	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Silver	U	ug/L	2.0	0.80	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Cadmium	U	ug/L	2.0	0.28	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Barium	5.8	ug/L	2.0	0.30	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Mercury	U	ug/L	2.0	0.73	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB
Lead	U	ug/L	2.0	1.2	4	10/9/2023 15:47	ECW	10/9/2023 18:50	DB

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)

Preparation Method: EPA 3510C SIM

Analytical Method: EPA 8270/PAH SIM

1-Methylnaphthalene	U	ug/L	0.093	0.046	1	10/10/2023 11:10	JL	10/10/2023 20:10	BFM
2-Methylnaphthalene	0.090i	ug/L	0.093	0.046	1	10/10/2023 11:10	JL	10/10/2023 20:10	BFM
Acenaphthene	U	ug/L	0.046	0.023	1	10/10/2023 11:10	JL	10/10/2023 20:10	BFM
Acenaphthylene	U	ug/L	0.046	0.023	1	10/10/2023 11:10	JL	10/10/2023 20:10	BFM
Anthracene	U	ug/L	0.046	0.023	1	10/10/2023 11:10	JL	10/10/2023 20:10	BFM



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933035**

Date Received: 10/5/2023 19:55

Matrix: Aqueous Liquid

Sample ID: **7S**

Date Collected: 10/4/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(a)pyrene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(b)fluoranthene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(g,h,i)perylene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Benzo(k)fluoranthene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Chrysene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Dibenzo(a,h)anthracene		U ug/L	0.046	0.0046	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Fluoranthene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Fluorene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Indeno(1,2,3-cd)pyrene		U ug/L	0.046	0.014	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Naphthalene		U ug/L	0.093	0.046	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Phenanthrene		U ug/L	0.370	0.185	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Pyrene		U ug/L	0.046	0.023	1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
Nitrobenzene-d5 (S)	87	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
2-Fluorobiphenyl (S)	84	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	
p-Terphenyl-d14 (S)	86	%	30-140		1 10/10/2023 11:10	JL	10/10/2023 20:10	BFM	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933036** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4N-1 (0-0.5)** Date Collected: 10/5/2023 09:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	84.3	%	0.1		1		10/9/2023 11:38	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	9.8	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Arsenic	1.1	mg/Kg	0.59	0.097	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Silver		U mg/Kg	0.59	0.36	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Cadmium	0.27i	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Barium	19	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Mercury		U mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Lead	29	mg/Kg	0.59	0.093	2	10/10/2023 16:51	ECW	10/10/2023 22:52	DB
Selenium		U mg/Kg	1.2	0.56	2	10/10/2023 16:51	ECW	10/12/2023 04:15	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933037** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4N-2 (0-0.5)** Date Collected: 10/5/2023 09:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	78.1	%	0.1	1	10/9/2023 11:39	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	7.9	mg/Kg	1.4	0.28	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Arsenic	1.4	mg/Kg	0.64	0.11	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Silver	U	mg/Kg	0.64	0.38	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Cadmium	0.13i	mg/Kg	0.64	0.12	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Barium	9.8	mg/Kg	1.4	0.28	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Mercury	U	mg/Kg	0.78	0.16	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Lead	14	mg/Kg	0.64	0.10	2 10/10/2023 16:51	ECW 10/10/2023 22:57 DB
Selenium	U	mg/Kg	1.3	0.60	2 10/10/2023 16:51	ECW 10/12/2023 04:20 DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933038** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4E-1 (0-0.5)** Date Collected: 10/5/2023 09:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	83.5	%	0.1		1		10/9/2023 11:43	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	28	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Arsenic	7.8	mg/Kg	0.60	0.098	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Silver	U	mg/Kg	0.60	0.36	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Cadmium	3.8	mg/Kg	0.60	0.11	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Barium	140	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	L1
Mercury	0.58i	mg/Kg	0.73	0.15	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	
Lead	370	mg/Kg	0.60	0.093	2	10/10/2023 16:51	ECW 10/10/2023 23:02	DB	L1
Selenium	U	mg/Kg	1.2	0.56	2	10/10/2023 16:51	ECW 10/12/2023 04:25	DB	
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.023	mg/L	0.0080	0.00012	4	10/25/2023 12:30	ECW 10/25/2023 15:36	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933039** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4E-2 (0-0.5)** Date Collected: 10/5/2023 09:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	85.0	%	0.1		1		10/9/2023 11:44	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	8.6	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Arsenic	1.7	mg/Kg	0.59	0.096	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Silver	U	mg/Kg	0.59	0.35	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	J4
Cadmium	0.25i	mg/Kg	0.59	0.11	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Barium	10	mg/Kg	1.3	0.26	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Mercury	U	mg/Kg	0.72	0.14	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Lead	50	mg/Kg	0.59	0.092	2	10/10/2023 16:51	ECW 10/10/2023 23:06	DB	
Selenium	U	mg/Kg	1.2	0.55	2	10/10/2023 16:51	ECW 10/12/2023 04:29	DB	



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933040** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4S-1 (0-0.5)** Date Collected: 10/5/2023 09:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	75.4	%	0.1		1		10/9/2023 11:50	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	65	mg/Kg	1.4	0.29	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Arsenic	20	mg/Kg	0.66	0.11	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Selenium	U	mg/Kg	1.3	0.62	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Silver	0.85	mg/Kg	0.66	0.40	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Cadmium	8.3	mg/Kg	0.66	0.12	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Barium	410	mg/Kg	1.5	0.29	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB L1
Mercury	2.9	mg/Kg	0.81	0.16	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB
Lead	910	mg/Kg	0.66	0.10	2	10/11/2023 17:56	DB	10/11/2023 23:29	DB L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.025	mg/L	0.0080	0.00012	4	10/25/2023 12:30	ECW	10/25/2023 15:41	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933041** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4S-2 (0-0.5)** Date Collected: 10/5/2023 10:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	79.3	%	0.1		1		10/9/2023 11:54	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	150	mg/Kg	1.4	0.27	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB L1
Arsenic	27	mg/Kg	0.63	0.10	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Selenium	U	mg/Kg	1.3	0.59	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Silver	1.1	mg/Kg	0.63	0.38	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Cadmium	7.2	mg/Kg	0.63	0.12	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Barium	250	mg/Kg	1.4	0.28	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB L1
Mercury	2.1	mg/Kg	0.77	0.15	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB
Lead	920	mg/Kg	0.63	0.098	2	10/11/2023 17:56	DB	10/11/2023 23:34	DB L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.017	mg/L	0.0080	0.00012	4	10/25/2023 12:30	ECW	10/25/2023 15:45	DB
Chromium	0.0060i	mg/L	0.0080	0.00027	4	10/25/2023 12:30	ECW	10/25/2023 15:45	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933042** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-1 (0-0.5)** Date Collected: 10/5/2023 10:10

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	68.2	%	0.1		1			10/9/2023 11:59	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)						Preparation Method: EPA 3050B (mod)				
						Analytical Method: EPA 6020				
Chromium	180	mg/Kg	1.6	0.32	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	L1
Arsenic	46	mg/Kg	0.73	0.12	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	
Selenium	U	mg/Kg	1.5	0.69	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	
Silver	2.8	mg/Kg	0.73	0.44	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	
Cadmium	12	mg/Kg	0.73	0.13	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	
Barium	2100	mg/Kg	1.6	0.32	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	L2
Mercury	3.3	mg/Kg	0.89	0.18	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	
Lead	1800	mg/Kg	0.73	0.11	2	10/11/2023 17:56	DB	10/11/2023 23:38	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS						Preparation Method: EPA 200.2 mod.				
						Analytical Method: EPA 1311/200.8				
Lead	0.020	mg/L	0.0080	0.00012	4	10/25/2023 12:30	ECW	10/25/2023 15:50	DB	
Chromium	0.0017i	mg/L	0.0080	0.00027	4	10/25/2023 12:30	ECW	10/25/2023 15:50	DB	
Barium	1.1	mg/L	0.0080	0.00030	4	10/25/2023 12:30	ECW	10/25/2023 15:50	DB	L1



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933043** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-2 (0-0.5)** Date Collected: 10/5/2023 10:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.9	%	0.1	1	10/9/2023 12:02	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	7.9	mg/Kg	1.3	0.25	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Arsenic	2.2	mg/Kg	0.58	0.094	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Selenium	U	mg/Kg	1.2	0.54	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Silver	U	mg/Kg	0.58	0.35	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Cadmium	0.39i	mg/Kg	0.58	0.11	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Barium	12	mg/Kg	1.3	0.25	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Mercury	U	mg/Kg	0.70	0.14	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB
Lead	60	mg/Kg	0.58	0.090	2 10/11/2023 17:56	DB 10/11/2023 23:43	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933044** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-3 (0-0.5)** Date Collected: 10/5/2023 10:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
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Percent Solids (Dryweight)	85.8	%	0.1		1		10/9/2023 12:06	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
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					Analytical Method: EPA 6020				
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Chromium	8.7	mg/Kg	1.3	0.25	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Arsenic	1.3	mg/Kg	0.58	0.096	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Selenium	U	mg/Kg	1.2	0.55	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Silver	U	mg/Kg	0.58	0.35	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Cadmium	0.30i	mg/Kg	0.58	0.11	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Barium	18	mg/Kg	1.3	0.26	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Mercury	U	mg/Kg	0.71	0.14	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB
Lead	61	mg/Kg	0.58	0.091	2	10/11/2023 17:56	DB	10/11/2023 23:47	DB



ANALYTICAL RESULTS

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID: **2387933045** Date Received: 10/5/2023 19:55 Matrix: Soil/Solid
Sample ID: **SB-4W-4 (0-0.5)** Date Collected: 10/5/2023 10:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	89.3	%	0.1		1		10/9/2023 12:07	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	6.7	mg/Kg	1.2	0.24	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Arsenic	2.8	mg/Kg	0.56	0.092	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Selenium	U	mg/Kg	1.1	0.52	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Silver	U	mg/Kg	0.56	0.34	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Cadmium	U	mg/Kg	0.56	0.10	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Barium	6.9	mg/Kg	1.2	0.25	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Mercury	U	mg/Kg	0.68	0.14	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB
Lead	21	mg/Kg	0.56	0.087	2	10/11/2023 17:56	DB	10/11/2023 23:52	DB



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387933

Project ID: Homestead Triangle

PARAMETER QUALIFIERS

- J2 Surrogate recovery was outside defined limits due to matrix interference.
- J2d Surrogate recovery was outside defined limits due to matrix required sample dilution.
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).
- L2 Off-scale high. Reported value is above the calibration range and the instrument LDR (Linear Dynamic Range).
- P Results vary by more than allowed by precision requirement for method.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.

PROJECT COMMENTS

- 2387933 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

SAMPLE COMMENTS

- 2387933002 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
- 2387933003 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
- 2387933012 D1|Sample diluted due to physical matrix interference that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17832	Analysis Method:		EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387817003	2387817004	2387817005	2387931001	2387931002	2387933001
	2387933002	2387933003	2387933004	2387933005	2387933006	2387933007
	2387933008	2387933009				

METHOD BLANK: 292567

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	87	20-150	
2-Fluorobiphenyl (S)	%	106	30-150	
p-Terphenyl-d14 (S)	%	98	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 292568 292569

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				93	92	20-150	2		
2-Fluorobiphenyl (S)	%				110	113	30-150	2		
p-Terphenyl-d14 (S)	%				96	96	15-150	0.5		
Naphthalene	mg/Kg	2.01	1.98	1.98	99	99	40-150	0	40	
2-Methylnaphthalene	mg/Kg	2.01	1.86	1.86	93	93	40-150	0	40	
1-Methylnaphthalene	mg/Kg	2.02	2.15	2.17	107	108	40-150	0.9	40	
Acenaphthylene	mg/Kg	2	2.06	2.04	103	102	40-150	1	40	

Report ID: 2387933 - 3843152
10/25/2023

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292568

292569

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	mg/Kg	2	2.22	2.22	111	111	35-150	0	40	
Fluorene	mg/Kg	2	1.99	2.00	99	100	40-150	0.5	40	
Phenanthrene	mg/Kg	2.02	1.79	1.79	89	89	40-150	0	40	
Anthracene	mg/Kg	2	1.94	1.91	97	95	40-150	2	40	
Fluoranthene	mg/Kg	2	1.95	1.90	97	95	40-150	3	40	
Pyrene	mg/Kg	2	1.99	1.96	99	98	40-150	2	40	
Benzo(a)anthracene	mg/Kg	2.01	1.87	1.86	93	92	40-150	0.5	40	
Chrysene	mg/Kg	2.01	1.91	1.90	95	94	40-150	0.5	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.52	1.54	75	76	40-150	1	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.76	1.76	88	88	40-150	0	40	
Benzo(a)pyrene	mg/Kg	2	1.56	1.58	78	79	40-150	1	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.69	1.64	84	81	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.70	1.70	85	85	40-150	0	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.62	1.59	80	79	40-150	2	40	

MATRIX SPIKE SAMPLE: 292570

Original: 2387931001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				77	20-150	
2-Fluorobiphenyl (S)	%				81	30-150	
p-Terphenyl-d14 (S)	%				62	15-150	
Naphthalene	mg/Kg	0	3.15	2.54	81	40-150	
2-Methylnaphthalene	mg/Kg	0	3.15	2.27	72	40-150	
1-Methylnaphthalene	mg/Kg	0	3.17	2.68	84	40-150	
Acenaphthylene	mg/Kg	0	3.15	2.34	74	40-150	
Acenaphthene	mg/Kg	0	3.15	2.6	83	35-150	
Fluorene	mg/Kg	0	3.15	2.33	74	40-150	
Phenanthrene	mg/Kg	0.013	3.17	2.1	66	40-150	
Anthracene	mg/Kg	0	3.15	2.16	69	40-150	
Fluoranthene	mg/Kg	0.041	3.15	2.15	67	40-150	
Pyrene	mg/Kg	0.00427	3.15	2.13	68	40-150	
Benzo(a)anthracene	mg/Kg	0.048	3.16	2.02	62	40-150	
Chrysene	mg/Kg	0.00981	3.16	2.04	64	40-150	
Benzo(b)fluoranthene	mg/Kg	0.012	3.17	1.47	46	40-150	
Benzo(k)fluoranthene	mg/Kg	0.00568	3.16	1.75	55	40-150	
Benzo(a)pyrene	mg/Kg	0.025	3.15	1.54	48	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0	3.16	1.61	51	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.00222	3.16	1.73	55	40-150	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292570

Original: 2387931001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(g,h,i)perylene	mg/Kg	0.00845	3.16	1.5	47	40-150	

SAMPLE DUPLICATE: 292571

Original: 2387931002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2950		25		
2-Fluorobiphenyl (S)	%	2620		0.4		
p-Terphenyl-d14 (S)	%	2140		0.5		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	U	U	0	40	
Acenaphthene	mg/Kg	U	U	0	40	
Fluorene	mg/Kg	U	U	0	40	
Phenanthrene	mg/Kg	U	U	0	40	
Anthracene	mg/Kg	U	U	0	40	P1
Fluoranthene	mg/Kg	U	U	0	40	
Pyrene	mg/Kg	U	U	0	40	P1
Benzo(a)anthracene	mg/Kg	0.062	0.069i	10	40	
Chrysene	mg/Kg	U	U	0	40	P1
Benzo(b)fluoranthene	mg/Kg	U	U	0	40	P1
Benzo(k)fluoranthene	mg/Kg	U	U	0	40	
Benzo(a)pyrene	mg/Kg	0.043	0.038i	32	40	
Dibenzo(a,h)anthracene	mg/Kg	U	U	0	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	U	0	40	P1
Benzo(g,h,i)perylene	mg/Kg	U	U	0	40	P1



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17833		Analysis Method:	FL-PRO (GC)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387916001	2387916002	2387916003	2387916004	2387916005	2387916006
	2387916007	2387916008	2387931001	2387931002	2387932002	2387933001
	2387933002	2387933003	2387933004	2387933005	2387933006	2387933007
	2387933008	2387933009				

METHOD BLANK: 292574

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	73	66-136	
Nonatriacontane (S)	%	74	36-132	
Florida Pro Total	mg/Kg	U	7.70	

LABORATORY CONTROL SAMPLE & LCSD: 292575 292576

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				105	98	66-136	7		
Nonatriacontane (S)	%				112	104	36-132	7		
Florida Pro Total	mg/Kg	33.9	27.4	26.1	81	77	65-119	5	25	

MATRIX SPIKE SAMPLE: 292577 Original: 2387916005

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				76	66-136	
Nonatriacontane (S)	%				69	36-132	
Florida Pro Total	mg/Kg	0.575	53.1	42.2	78	39-181	

SAMPLE DUPLICATE: 292578 Original: 2387931002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	4.51		5	J2	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292578

Original: 2387931002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Nonatriacontane (S)	%	6.42		14		
Florida Pro Total	mg/Kg	U	29.4i	0	25	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17837		Analysis Method:	EPA 8270/PAH SIM		
QC Batch Method:	EPA 3510C SIM					
Associated Lab Samples:	2387911018	2387911019	2387911021	2387911022	2387926001	2387926002
	2387926003	2387926004	2387926005	2387926006	2387926007	2387933032
	2387933033	2387933034	2387933035	2387950007	2387950008	2387950009
	2387961019	2387975001				

METHOD BLANK: 292649

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	85	30-110	
2-Fluorobiphenyl (S)	%	77	30-110	
p-Terphenyl-d14 (S)	%	82	30-140	
Naphthalene	ug/L	U	0.013	
2-Methylnaphthalene	ug/L	U	0.013	
1-Methylnaphthalene	ug/L	U	0.013	
Acenaphthylene	ug/L	U	0.00625	
Acenaphthene	ug/L	U	0.00625	
Fluorene	ug/L	U	0.00625	
Phenanthrene	ug/L	U	0.050	
Anthracene	ug/L	U	0.00625	
Fluoranthene	ug/L	0.012i	0.00625	V,V1
Pyrene	ug/L	U	0.00625	
Benzo(a)anthracene	ug/L	U	0.00625	
Chrysene	ug/L	U	0.00625	
Benzo(b)fluoranthene	ug/L	U	0.00375	
Benzo(k)fluoranthene	ug/L	U	0.00375	
Benzo(a)pyrene	ug/L	U	0.00375	
Dibenzo(a,h)anthracene	ug/L	U	0.00125	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.00375	
Benzo(g,h,i)perylene	ug/L	U	0.00375	

LABORATORY CONTROL SAMPLE & LCSD: 292650 292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				100	108	30-110	8		
2-Fluorobiphenyl (S)	%				90	101	30-110	11		
p-Terphenyl-d14 (S)	%				92	95	30-140	3		
Naphthalene	ug/L	0.201	0.188	0.193	94	96	30-140	3	40	
2-Methylnaphthalene	ug/L	0.201	0.188	0.191	94	95	30-140	2	40	
1-Methylnaphthalene	ug/L	0.202	0.190	0.192	94	95	30-140	1	40	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292650 292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	ug/L	0.2	0.201	0.211	100	105	30-120	5	40	
Acenaphthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Fluorene	ug/L	0.2	0.204	0.186	102	93	30-140	9	40	
Phenanthrene	ug/L	0.202	0.182	0.194	90	96	30-120	6	40	
Anthracene	ug/L	0.2	0.177	0.191	89	95	30-140	8	40	
Fluoranthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Pyrene	ug/L	0.2	0.195	0.210	98	105	40-140	7	40	
Benzo(a)anthracene	ug/L	0.201	0.196	0.214	98	106	30-120	9	40	
Chrysene	ug/L	0.201	0.182	0.191	90	95	30-140	5	40	
Benzo(b)fluoranthene	ug/L	0.202	0.148	0.154	73	76	30-140	4	40	
Benzo(k)fluoranthene	ug/L	0.201	0.169	0.180	84	90	30-140	6	40	
Benzo(a)pyrene	ug/L	0.2	0.148	0.153	74	77	30-140	3	40	
Dibenzo(a,h)anthracene	ug/L	0.201	0.168	0.171	83	85	30-140	2	40	
Indeno(1,2,3-cd)pyrene	ug/L	0.201	0.179	0.180	89	90	30-140	0.6	40	
Benzo(g,h,i)perylene	ug/L	0.201	0.153	0.154	76	77	30-120	0.7	40	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17839	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3510C					
Associated Lab Samples:	2387916009	2387916010	2387916011	2387916012	2387916013	2387932003
	2387933032	2387933033	2387933034	2387933035	2387950007	2387950008
	2387950009	2387961019	2387975001			

METHOD BLANK: 292680

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	95	66-139	
Nonatriacontane (S)	%	67	40-129	
Florida Pro Total	mg/L	U	0.100	

LABORATORY CONTROL SAMPLE & LCSD: 292681 292682

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				92	92	66-139	0		
Nonatriacontane (S)	%				98	84	40-129	16		
Florida Pro Total	mg/L	0.678	0.540	0.568	80	84	66-119	5	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15670	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387476001	2387477001	2387899030	2387923001	2387924001	2387925001
	2387931001	2387931002	2387933001	2387933002	2387933003	2387933004
	2387933005	2387933006	2387933007	2387933008	2387933009	2387933010
	2387933011					

METHOD BLANK: 292688

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292689 292690

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	10	10	103	103	80-120	0	20	
Arsenic	mg/Kg	10	9.9	10	98.8	99.7	80-120	1.01	20	
Selenium	mg/Kg	10	9.5	9.4	94.9	94.2	80-120	1.06	20	
Silver	mg/Kg	10	10	10	101	104	80-120	0	20	
Cadmium	mg/Kg	10	10	10	100	102	80-120	0	20	
Barium	mg/Kg	10	10	10	102	103	80-120	0	20	
Mercury	mg/Kg	1.3	1.2	1.2	98.1	99.9	80-120	0	20	
Lead	mg/Kg	10	10	10	102	103	80-120	0	20	

MATRIX SPIKE SAMPLE: 292692 Original: 2387933011

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	74	20	110	177	75-125	J4h
Arsenic	mg/Kg	4.8	20	26	108	75-125	
Selenium	mg/Kg	2.4	20	22	97.7	75-125	
Silver	mg/Kg	0.16	20	12	61.1	75-125	J4
Cadmium	mg/Kg	0.61	20	21	101	75-125	
Barium	mg/Kg	140	20	190	272	75-125	J4h

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292692

Original: 2387933011

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.25	2.5	3.1	114	75-125	
Lead	mg/Kg	66	20	100	173	75-125	J4h

SAMPLE DUPLICATE: 292691

Original: 2387933011

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	74	110	3.97	20	
Arsenic	mg/Kg	4.8	7.1	2.06	20	
Selenium	mg/Kg	2.4	3.8	8	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.61	0.92	3.23	20	
Barium	mg/Kg	140	210	0	20	
Mercury	mg/Kg	0.25	0.38i	3.92	20	
Lead	mg/Kg	66	99	2.99	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17841		Analysis Method:	EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387933010	2387933011	2387933012	2387933013	2387933014	2387933015
	2387950001	2387950002	2387950003	2387950004	2387950005	2387950006
	2387961013	2387961014	2387961015	2387961016	2387961017	2387961018

METHOD BLANK: 292710

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	100	20-150	
2-Fluorobiphenyl (S)	%	107	30-150	
p-Terphenyl-d14 (S)	%	102	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 292711 292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				102	99	20-150	3		
2-Fluorobiphenyl (S)	%				112	111	30-150	0.4		
p-Terphenyl-d14 (S)	%				98	96	15-150	3		
Naphthalene	mg/Kg	2.01	1.95	2.03	97	101	40-150	4	40	
2-Methylnaphthalene	mg/Kg	2.01	1.94	1.99	97	99	40-150	3	40	
1-Methylnaphthalene	mg/Kg	2.02	2.16	2.25	107	112	40-150	4	40	
Acenaphthylene	mg/Kg	2	2.07	2.13	103	106	40-150	3	40	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292711

292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	mg/Kg	2	2.16	2.22	108	111	35-150	3	40	
Fluorene	mg/Kg	2	2.00	2.04	100	102	40-150	2	40	
Phenanthrene	mg/Kg	2.02	1.78	1.84	88	91	40-150	3	40	
Anthracene	mg/Kg	2	1.93	1.98	96	99	40-150	3	40	
Fluoranthene	mg/Kg	2	2.07	2.12	104	106	40-150	2	40	
Pyrene	mg/Kg	2	1.93	1.99	97	100	40-150	3	40	
Benzo(a)anthracene	mg/Kg	2.01	2.09	2.07	104	103	40-150	1	40	
Chrysene	mg/Kg	2.01	1.83	1.90	91	94	40-150	4	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.60	1.61	79	80	40-150	0.6	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.60	1.68	80	83	40-150	5	40	
Benzo(a)pyrene	mg/Kg	2	1.61	1.64	81	82	40-150	2	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.66	1.71	83	85	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.85	2.03	92	101	40-150	9	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.50	1.59	74	79	40-150	6	40	

MATRIX SPIKE SAMPLE: 292713

Original: 2387933010

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				90	20-150	
2-Fluorobiphenyl (S)	%				97	30-150	
p-Terphenyl-d14 (S)	%				84	15-150	
Naphthalene	mg/Kg	0.01	3.28	3.01	91	40-150	
2-Methylnaphthalene	mg/Kg	0	3.28	2.95	90	40-150	
1-Methylnaphthalene	mg/Kg	0	3.3	3.29	100	40-150	
Acenaphthylene	mg/Kg	0.073	3.28	3.12	93	40-150	
Acenaphthene	mg/Kg	0.013	3.27	3.25	99	35-150	
Fluorene	mg/Kg	0.027	3.28	3	91	40-150	
Phenanthrene	mg/Kg	0.191	3.3	2.91	83	40-150	
Anthracene	mg/Kg	0.056	3.28	2.92	87	40-150	
Fluoranthene	mg/Kg	0.547	3.28	3.67	95	40-150	
Pyrene	mg/Kg	0.431	3.27	3.27	87	40-150	
Benzo(a)anthracene	mg/Kg	0.297	3.29	3.3	91	40-150	
Chrysene	mg/Kg	0.288	3.29	2.84	78	40-150	
Benzo(b)fluoranthene	mg/Kg	0.356	3.3	2.45	64	40-150	
Benzo(k)fluoranthene	mg/Kg	0.118	3.28	2.29	66	40-150	
Benzo(a)pyrene	mg/Kg	0.233	3.27	2.54	70	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.058	3.29	2.4	71	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.344	3.29	3.02	81	40-150	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292713

Original: 2387933010

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(g,h,i)perylene	mg/Kg	0.305	3.29	2.48	66	40-150	

SAMPLE DUPLICATE: 292714

Original: 2387933013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2880		1		
2-Fluorobiphenyl (S)	%	3090		0.6		
p-Terphenyl-d14 (S)	%	2650		0.8		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	0.162	0.215i	4	40	
Acenaphthene	mg/Kg	U	U	0	40	P
Fluorene	mg/Kg	U	U	0	40	P
Phenanthrene	mg/Kg	0.375	0.786	48	40	P
Anthracene	mg/Kg	0.155	0.356i	57	40	P
Fluoranthene	mg/Kg	1.97	3.04	19	40	
Pyrene	mg/Kg	1.73	2.53	13	40	
Benzo(a)anthracene	mg/Kg	1.09	1.55	10	40	
Chrysene	mg/Kg	1.33	1.85	9	40	
Benzo(b)fluoranthene	mg/Kg	1.79	2.46	7	40	
Benzo(k)fluoranthene	mg/Kg	0.622	0.867	9	40	
Benzo(a)pyrene	mg/Kg	0.979	1.41	12	40	
Dibenzo(a,h)anthracene	mg/Kg	0.183	0.281	18	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.31	1.86	11	40	
Benzo(g,h,i)perylene	mg/Kg	0.882	1.20	6	40	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	XXX/17842	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387933010	2387933011	2387933012	2387933013	2387933014	2387933015
	2387950001	2387950002	2387950003	2387950004	2387950005	2387950006

METHOD BLANK: 292715

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	80	66-136	
Nonatriacontane (S)	%	72	36-132	
Florida Pro Total	mg/Kg	U	7.70	

LABORATORY CONTROL SAMPLE & LCSD: 292716 292717

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				93	111	66-136	18		
Nonatriacontane (S)	%				92	96	36-132	4		
Florida Pro Total	mg/Kg	33.9	25.3	31.8	75	94	65-119	23	25	

MATRIX SPIKE SAMPLE: 292718 Original: 2387933011

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by GC							
o-Terphenyl (S)	%				96	66-136	
Nonatriacontane (S)	%				109	36-132	
Florida Pro Total	mg/Kg	29.1	54.3	51.9	42	39-181	

SAMPLE DUPLICATE: 292719 Original: 2387933013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by GC						
o-Terphenyl (S)	%	5.07		7		J2d
Nonatriacontane (S)	%	6.18		21		
Florida Pro Total	mg/Kg	297	264	36	25	P1



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: MXX/15671 Analysis Method: EPA 200.8 (Dissolved)

QC Batch Method: EPA 200.2 mod.

Associated Lab Samples: 2387933032 2387933033 2387933034 2387933035 2387937001 2387937002

METHOD BLANK: 292722

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292723 292724

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	53	52	107	105	85-115	1.9	20	
Arsenic	ug/L	50	49	50	98.6	99.7	85-115	2.02	20	
Selenium	ug/L	50	47	47	94.2	94.5	85-115	0	20	
Silver	ug/L	50	50	52	101	104	85-115	3.92	20	
Cadmium	ug/L	50	50	52	100	103	85-115	3.92	20	
Barium	ug/L	50	52	53	105	107	85-115	1.9	20	
Mercury	ug/L	5	4.8	4.8	95.6	96.9	85-115	0	20	
Lead	ug/L	50	51	52	102	105	85-115	1.94	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15672	Analysis Method:		EPA 200.8 (Total)		
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387933032	2387933033	2387933034	2387933035	2387934001	2387934002
	2387937001	2387937002	2387943001	2387944001	2387944002	2387946001
	2387946002	2387947001				

METHOD BLANK: 292725

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292726 292727

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	53	52	107	105	85-115	1.9	20	
Arsenic	ug/L	50	49	50	98.6	99.7	85-115	2.02	20	
Selenium	ug/L	50	47	47	94.2	94.5	85-115	0	20	
Silver	ug/L	50	50	52	101	104	85-115	3.92	20	
Cadmium	ug/L	50	50	52	100	103	85-115	3.92	20	
Barium	ug/L	50	52	53	105	107	85-115	1.9	20	
Mercury	ug/L	5	4.8	4.8	95.6	96.9	85-115	0	20	
Lead	ug/L	50	51	52	102	105	85-115	1.94	20	

MATRIX SPIKE SAMPLE: 292731 Original: 2387946002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	0.46	50	51	102	70-130	
Arsenic	ug/L	0.36	50	52	102	70-130	
Selenium	ug/L	0.21	50	50	100	70-130	
Silver	ug/L	0.024	50	31	62.3	70-130	J4
Cadmium	ug/L	0.028	50	51	102	70-130	
Barium	ug/L	26	50	77	103	70-130	
Mercury	ug/L	0.068	20	20	97.9	70-130	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292731

Original: 2387946002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	0	50	50	99.7	70-130	

SAMPLE DUPLICATE: 292730

Original: 2387946002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	U	U	0	20	
Arsenic	ug/L	U	U	0	20	
Selenium	ug/L	U	U	0	20	
Silver	ug/L	U	U	0	20	P1
Cadmium	ug/L	U	U	0	20	P1
Barium	ug/L	26	25	3.92	20	
Mercury	ug/L	U	U	0	20	
Lead	ug/L	U	U	0	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15675	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387932002	2387933012	2387933013	2387933014	2387933015	2387948001
	2387948004	2387948007	2387948010	2387948013	2387948016	2387948019
	2387948022	2387948025	2387948028	2387948031	2387948034	2387948037
	2387948040	2387948043				

METHOD BLANK: 292794

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292795 292796

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	11	11	107	106	80-120	0	20	
Arsenic	mg/Kg	10	10	10	101	100	80-120	0	20	
Selenium	mg/Kg	10	9.4	9.4	93.7	94.1	80-120	0	20	
Silver	mg/Kg	10	10	10	102	100	80-120	0	20	
Cadmium	mg/Kg	10	10	9.8	100	97.8	80-120	2.02	20	
Barium	mg/Kg	10	10	10	103	101	80-120	0	20	
Mercury	mg/Kg	1.3	1.3	1.3	102	100	80-120	0	20	
Lead	mg/Kg	10	10	10	104	101	80-120	0	20	

MATRIX SPIKE SAMPLE: 292798 Original: 2387933015

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	35	20	67	159	75-125	J4h
Arsenic	mg/Kg	3.9	20	29	123	75-125	
Selenium	mg/Kg	0.2	20	19	94.9	75-125	
Silver	mg/Kg	0.11	20	15	76.5	75-125	
Cadmium	mg/Kg	0.23	20	25	125	75-125	
Barium	mg/Kg	46	20	90	219	75-125	J4h

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292798

Original: 2387933015

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.28	2.5	3.5	131	75-125	J4
Lead	mg/Kg	18	20	49	159	75-125	J4

SAMPLE DUPLICATE: 292797

Original: 2387933015

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	35	46	8.22	20	
Arsenic	mg/Kg	3.9	5.0	7.41	20	
Selenium	mg/Kg	U	0.89i	0	20	P1
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.23	0.30i	8.33	20	
Barium	mg/Kg	46	59	8.33	20	
Mercury	mg/Kg	0.28	0.35i	3.51	20	
Lead	mg/Kg	18	23	5.41	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	VXX/11980	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5035					
Associated Lab Samples:	2387932001	2387932002	2387933001	2387933004	2387933005	2387933006
	2387933007	2387933008	2387933009	2387933010	2387933011	2387933013
	2387933014	2387933015	2387933016	2387933017	2387933018	2387933019
	2387933020	2387933021				

METHOD BLANK: 292800

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	100	60-135	
Toluene d8 (S)	%	102	60-135	
4-Bromofluorobenzene (S)	%	97	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000400	
Chloromethane	mg/Kg	U	0.000900	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	0.015	0.010	V1
Carbon disulfide	mg/Kg	U	0.00200	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000400	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

METHOD BLANK: 292800

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	
1,1,2-Trichloroethane	mg/Kg	U	0.000510	
Toluene	mg/Kg	U	0.000850	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000900	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000400	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000900	
1,1,2,2-Tetrachloroethane	mg/Kg	U	0.000900	
o-Xylene	mg/Kg	U	0.000400	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000400	
Bromobenzene	mg/Kg	U	0.000900	
n-propylbenzene	mg/Kg	U	0.000900	
2-Chlorotoluene	mg/Kg	U	0.000900	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000900	
4-Chlorotoluene	mg/Kg	U	0.000900	
tert-Butylbenzene	mg/Kg	U	0.000900	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000750	
sec-Butylbenzene	mg/Kg	U	0.000900	
1,3-Dichlorobenzene	mg/Kg	U	0.000900	
1,4-Dichlorobenzene	mg/Kg	U	0.000900	
4-Isopropyltoluene	mg/Kg	U	0.000900	
1,2-Dichlorobenzene	mg/Kg	U	0.000900	
n-Butylbenzene	mg/Kg	U	0.000900	
1,2-DBCP	mg/Kg	U	0.000900	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000900	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000900	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000900	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD:		292801	292802							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				101	100	60-135	1	30	
Toluene d8 (S)	%				100	100	60-135	0.3	30	
4-Bromofluorobenzene (S)	%				99	99	60-135	0	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.055	0.057	110	114	60-135	4	30	
Chloromethane	mg/Kg	0.05	0.057	0.061	115	123	60-135	7	30	
Vinyl chloride	mg/Kg	0.05	0.056	0.059	113	118	60-135	5	30	
Bromomethane	mg/Kg	0.05	0.049	0.055	97	109	50-135	12	30	
Chloroethane	mg/Kg	0.05	0.049	0.052	99	105	60-135	6	30	
Trichlorofluoromethane	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
Acetone	mg/Kg	0.05	0.070	0.067	139	133	60-135	4	30	J3a
1,1-Dichloroethene	mg/Kg	0.05	0.054	0.056	108	113	60-135	4	30	
Iodomethane	mg/Kg	0.05	0.050	0.052	99	105	60-135	4	30	
Methylene chloride	mg/Kg	0.05	0.059	0.060	118	120	50-135	2	30	
Carbon disulfide	mg/Kg	0.05	0.053	0.056	107	112	50-135	6	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.054	0.056	107	113	60-135	4	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.054	0.057	109	113	60-135	5	30	
1,1-Dichloroethane	mg/Kg	0.05	0.053	0.056	106	112	60-135	6	30	
Vinyl acetate	mg/Kg	0.05	0.064	0.069	129	139	50-135	8	30	J3a
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.060	0.062	120	124	60-135	3	30	
cis-1,2-Dichloroethene	mg/Kg	0.05	0.052	0.055	105	110	60-135	6	30	
Bromochloromethane	mg/Kg	0.05	0.052	0.055	103	110	60-135	6	30	
Chloroform	mg/Kg	0.05	0.052	0.055	104	109	60-135	6	30	
2,2-Dichloropropane	mg/Kg	0.05	0.055	0.057	110	114	50-135	4	30	
1,2-Dichloroethane	mg/Kg	0.05	0.051	0.054	103	108	60-135	6	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.055	0.057	109	115	60-135	4	30	
1,1-Dichloropropene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
Carbon tetrachloride	mg/Kg	0.05	0.053	0.055	106	111	60-135	4	30	
Benzene	mg/Kg	0.05	0.054	0.058	108	115	60-135	7	30	
Dibromomethane	mg/Kg	0.05	0.052	0.056	104	112	60-135	7	30	
1,2-Dichloropropane	mg/Kg	0.05	0.054	0.057	108	113	60-135	5	30	
Trichloroethene	mg/Kg	0.05	0.054	0.057	109	114	60-135	5	30	
Bromodichloromethane	mg/Kg	0.05	0.051	0.055	102	109	60-135	8	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.054	0.056	109	113	60-135	4	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.054	0.055	107	110	60-135	2	30	
trans-1,3-Dichloropropene	mg/Kg	0.05	0.054	0.057	108	114	60-135	5	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.052	0.055	104	109	60-135	6	30	
Toluene	mg/Kg	0.05	0.053	0.057	106	114	60-135	7	30	
1,3-Dichloropropane	mg/Kg	0.05	0.053	0.057	105	113	60-135	7	30	
Ethyl methacrylate	mg/Kg	0.05	0.053	0.056	107	113	60-135	6	30	
Dibromochloromethane	mg/Kg	0.05	0.053	0.056	106	112	60-135	6	30	
2-Hexanone	mg/Kg	0.05	0.061	0.062	122	123	60-135	2	30	
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.054	0.057	108	115	60-135	5	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD:		292801		292802						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Tetrachloroethene	mg/Kg	0.05	0.047	0.046	93	92	60-135	2	30	
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.056	0.061	112	121	60-135	9	30	
Chlorobenzene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
Ethylbenzene	mg/Kg	0.05	0.055	0.059	110	119	60-135	7	30	
m & p-xylene	mg/Kg	0.1	0.109	0.116	109	116	60-135	6	30	
Bromoform	mg/Kg	0.05	0.054	0.057	108	114	60-135	5	30	
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.056	0.058	112	117	60-135	4	30	
Styrene	mg/Kg	0.05	0.057	0.062	115	124	60-135	8	30	
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.054	0.058	109	115	60-135	7	30	
o-Xylene	mg/Kg	0.05	0.058	0.061	115	123	60-135	5	30	
1,2,3-Trichloropropane	mg/Kg	0.05	0.053	0.056	105	113	60-135	6	30	
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.056	0.059	112	119	60-135	5	30	
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.059	0.062	118	125	60-135	5	30	
Bromobenzene	mg/Kg	0.05	0.055	0.058	110	116	60-135	5	30	
n-propylbenzene	mg/Kg	0.05	0.061	0.066	123	132	60-135	8	30	
2-Chlorotoluene	mg/Kg	0.05	0.058	0.061	116	122	60-135	5	30	
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.057	0.061	113	121	60-135	7	30	
4-Chlorotoluene	mg/Kg	0.05	0.058	0.061	116	122	60-135	5	30	
tert-Butylbenzene	mg/Kg	0.05	0.059	0.062	118	124	60-135	5	30	
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.059	0.062	118	124	60-135	5	30	
sec-Butylbenzene	mg/Kg	0.05	0.060	0.065	121	129	60-135	8	30	
1,3-Dichlorobenzene	mg/Kg	0.05	0.056	0.060	112	120	60-135	7	30	
1,4-Dichlorobenzene	mg/Kg	0.05	0.056	0.060	113	119	60-135	7	30	
4-Isopropyltoluene	mg/Kg	0.05	0.062	0.066	124	131	60-135	6	30	
1,2-Dichlorobenzene	mg/Kg	0.05	0.056	0.059	112	119	60-135	5	30	
n-Butylbenzene	mg/Kg	0.05	0.064	0.068	128	136	60-135	6	30	J3a
1,2-DCBP	mg/Kg	0.05	0.056	0.058	112	116	60-135	4	30	
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.060	0.063	120	127	60-135	5	30	
Naphthalene	mg/Kg	0.05	0.057	0.061	115	123	60-135	7	30	
Hexachlorobutadiene	mg/Kg	0.05	0.066	0.069	131	139	60-135	4	30	J3a
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.056	0.059	111	118	60-135	5	30	
Xylenes- Total	mg/Kg	0.15	0.166	0.178	111	118	60-135	7	30	

LABORATORY CONTROL SAMPLE & LCSD:		292803		292804						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	100	60-135	0.2	30	
Toluene d8 (S)	%				100	101	60-135	1	30	
4-Bromofluorobenzene (S)	%				101	99	60-135	1	30	
Acrolein	mg/Kg	0.25	0.234	0.266	94	106	50-135	13	30	
Acrylonitrile	mg/Kg	0.25	0.221	0.257	88	103	50-135	15	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15676	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387933016	2387933017	2387933018	2387933019	2387933020	2387933021
	2387933022	2387933023	2387933024	2387933025	2387933026	2387933027
	2387933028	2387933029	2387933030	2387933031	2387933036	2387933037
	2387933038	2387933039				

METHOD BLANK: 292814

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292815 292816

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	10	10	100	101	80-120	0	20	
Arsenic	mg/Kg	10	9.9	10	99.2	100	80-120	1.01	20	
Selenium	mg/Kg	10	9.2	9.4	92	94.4	80-120	2.15	20	
Silver	mg/Kg	10	10	10	100	104	80-120	0	20	
Cadmium	mg/Kg	10	9.8	10	97.7	101	80-120	2.02	20	
Barium	mg/Kg	10	11	11	106	107	80-120	0	20	
Mercury	mg/Kg	1.3	1.2	1.2	95.8	98.2	80-120	0	20	
Lead	mg/Kg	10	10	10	102	104	80-120	0	20	

MATRIX SPIKE SAMPLE: 292818 Original: 2387933039

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	7.3	20	27	96.3	75-125	
Arsenic	mg/Kg	1.4	20	21	96	75-125	
Selenium	mg/Kg	0.078	20	18	88.6	75-125	
Silver	mg/Kg	0.045	20	12	59	75-125	J4
Cadmium	mg/Kg	0.21	20	19	94	75-125	
Barium	mg/Kg	8.9	20	30	106	75-125	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292818

Original: 2387933039

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.09	2.5	2.5	94.7	75-125	
Lead	mg/Kg	43	20	62	99	75-125	

SAMPLE DUPLICATE: 292817

Original: 2387933039

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	7.3	9.1	6.62	20	
Arsenic	mg/Kg	1.4	1.8	6.9	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.21	0.30i	17.4	20	
Barium	mg/Kg	8.9	11	3.31	20	
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	43	52	2.3	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15681	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387933040	2387933041	2387933042	2387933043	2387933044	2387933045
	2387949001	2387949002	2387949003	2387949004	2387949005	2387949006
	2387949007	2387949008	2387949009	2387949010	2387949011	2387949012
	2387949013	2387952001				

METHOD BLANK: 292919

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 292920 292921

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.4	9.5	94.1	94.6	80-120	1.06	20	
Arsenic	mg/Kg	10	9.4	9.4	94.5	94.2	80-120	0	20	
Selenium	mg/Kg	10	9.1	9.3	91.4	93.1	80-120	2.17	20	
Silver	mg/Kg	10	10	9.8	99.8	97.7	80-120	2.02	20	
Cadmium	mg/Kg	10	9.2	9.2	92.4	91.9	80-120	0	20	
Barium	mg/Kg	10	10	9.8	99.7	98.3	80-120	2.02	20	
Mercury	mg/Kg	1.3	1.1	1.2	91.8	92.4	80-120	8.7	20	
Lead	mg/Kg	10	9.8	9.5	97.8	95.4	80-120	3.11	20	

MATRIX SPIKE SAMPLE: 292923 Original: 2387949013

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	9.6	20	31	105	75-125	
Arsenic	mg/Kg	3.4	20	22	90.8	75-125	
Selenium	mg/Kg	0.17	20	17	86.1	75-125	
Silver	mg/Kg	0.065	20	11	56.1	75-125	
Cadmium	mg/Kg	0.19	20	18	87.5	75-125	
Barium	mg/Kg	8.9	20	29	102	75-125	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292923

Original: 2387949013

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.028	2.5	2.3	90.4	75-125	
Lead	mg/Kg	6.7	20	26	97.5	75-125	

SAMPLE DUPLICATE: 292922

Original: 2387949013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	9.6	13	4.08	20	
Arsenic	mg/Kg	3.4	4.5	0	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.19	0.25i	0	20	
Barium	mg/Kg	8.9	13	8.6	20	
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	6.7	9.6	8.57	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	VXX/11984	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5030B					
Associated Lab Samples:	2387911023	2387932001	2387932003	2387933032	2387933033	2387933034
	2387933035	2387938001	2387938002	2387950009	2387961019	2388012001

METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	70-130	
Toluene d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	98	70-130	
Dichlorodifluoromethane	ug/L	U	0.400	
Chloromethane	ug/L	U	2.50	
Vinyl chloride	ug/L	U	0.400	
Bromomethane	ug/L	U	4.00	
Chloroethane	ug/L	U	0.400	
Trichlorofluoromethane	ug/L	U	0.400	
Acrolein	ug/L	U	8.70	
Acetone	ug/L	U	5.00	
1,1-Dichloroethene	ug/L	U	0.400	
Iodomethane	ug/L	U	0.460	
Acrylonitrile	ug/L	U	4.20	
Methylene chloride	ug/L	U	2.00	
Carbon disulfide	ug/L	U	0.400	
trans-1,2-Dichloroethene	ug/L	U	0.400	
tert-Butyl methyl ether (MTBE)	ug/L	U	0.400	
1,1-Dichloroethane	ug/L	U	0.400	
Vinyl acetate	ug/L	U	0.400	
Methyl ethyl ketone (MEK)	ug/L	U	0.640	
cis-1,2-Dichloroethene	ug/L	U	0.400	
Bromochloromethane	ug/L	U	0.400	
Chloroform	ug/L	U	0.400	
2,2-Dichloropropane	ug/L	U	0.400	
1,2-Dichloroethane	ug/L	U	0.400	
1,1,1-Trichloroethane	ug/L	U	0.400	
1,1-Dichloropropene	ug/L	U	0.400	
Carbon tetrachloride	ug/L	U	0.400	
Benzene	ug/L	U	0.400	
Dibromomethane	ug/L	U	0.400	
1,2-Dichloropropane	ug/L	U	0.400	
Trichloroethene	ug/L	U	0.400	
Bromodichloromethane	ug/L	U	0.400	
cis-1,3-Dichloropropene	ug/L	U	0.400	
4-methyl-2-pentanone	ug/L	U	0.400	
trans-1,3-Dichloropropene	ug/L	U	0.400	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,2-Trichloroethane	ug/L	U	0.400	
Toluene	ug/L	U	0.400	
1,3-Dichloropropane	ug/L	U	0.400	
Ethyl methacrylate	ug/L	U	0.400	
Dibromochloromethane	ug/L	U	0.400	
2-Hexanone	ug/L	U	0.400	
1,2-Dibromoethane (EDB)	ug/L	U	0.400	
Tetrachloroethene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.400	
Chlorobenzene	ug/L	U	0.400	
Ethylbenzene	ug/L	U	0.400	
m & p-xylene	ug/L	U	0.400	
Bromoform	ug/L	U	0.550	
t-1,4-Dichloro-2-butene	ug/L	U	0.410	
Styrene	ug/L	U	0.400	
1,1,1,2,2-Tetrachloroethane	ug/L	U	0.200	
o-Xylene	ug/L	U	0.400	
1,2,3-Trichloropropane	ug/L	U	0.400	
cis-1,4-Dichloro-2-butene	ug/L	U	0.440	
Isopropylbenzene (Cumene)	ug/L	U	0.400	
Bromobenzene	ug/L	U	0.400	
n-propylbenzene	ug/L	U	0.400	
2-Chlorotoluene	ug/L	U	0.400	
1,3,5-Trimethylbenzene	ug/L	U	0.400	
4-Chlorotoluene	ug/L	U	0.400	
tert-Butylbenzene	ug/L	U	0.400	
1,2,4-Trimethylbenzene	ug/L	U	0.400	
sec-Butylbenzene	ug/L	U	0.400	
1,3-Dichlorobenzene	ug/L	U	0.400	
1,4-Dichlorobenzene	ug/L	U	0.400	
4-Isopropyltoluene	ug/L	U	0.400	
1,2-Dichlorobenzene	ug/L	U	0.400	
n-Butylbenzene	ug/L	U	0.400	
1,2-DBCP	ug/L	U	0.550	
1,2,4-Trichlorobenzene	ug/L	U	1.00	
Naphthalene	ug/L	U	2.00	
Hexachlorobutadiene	ug/L	U	1.00	
1,2,3-Trichlorobenzene	ug/L	U	0.400	
Xylenes- Total	ug/L	U	0.800	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	95	-	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	50	46.6	47.2	93	94	70-130	1	25	
Carbon tetrachloride	ug/L	50	45.5	46.7	91	93	60-130	3	25	
Benzene	ug/L	50	47.4	48.3	95	97	70-130	2	25	
Dibromomethane	ug/L	50	45.3	46.3	91	93	70-130	2	25	
1,2-Dichloropropane	ug/L	50	44.5	45.8	89	92	70-130	3	25	
Trichloroethene	ug/L	50	41.5	43.2	83	86	70-130	4	25	
Bromodichloromethane	ug/L	50	45.9	47.6	92	95	70-130	4	25	
cis-1,3-Dichloropropene	ug/L	50	50.4	51.7	101	103	60-130	3	25	
4-methyl-2-pentanone	ug/L	50.1	38.3	37.7	76	75	60-130	2	25	
trans-1,3-Dichloropropene	ug/L	50	40.8	42.2	82	84	60-130	3	25	
1,1,2-Trichloroethane	ug/L	50	46.2	47.3	92	95	70-130	2	25	
Toluene	ug/L	50	51.9	52.7	104	105	70-130	2	25	
1,3-Dichloropropane	ug/L	50	50.8	51.8	102	104	70-130	2	25	
Ethyl methacrylate	ug/L	50	53.8	55.6	108	111	70-130	3	25	
Dibromochloromethane	ug/L	50	54.0	55.0	108	110	70-130	2	25	
2-Hexanone	ug/L	50.1	46.1	44.0	92	88	70-130	5	25	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	52.8	105	106	70-130	1	25	
Tetrachloroethene	ug/L	50	38.9	44.0	78	88	70-130	12	25	
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	53.0	105	106	70-130	0.8	25	
Chlorobenzene	ug/L	50	51.9	53.5	104	107	70-130	3	25	
Ethylbenzene	ug/L	50	53.9	54.8	108	110	70-130	2	25	
m & p-xylene	ug/L	100	107	109	107	109	70-130	2	25	
Bromoform	ug/L	50	43.9	45.0	88	90	70-130	2	25	
t-1,4-Dichloro-2-butene	ug/L	50	50.9	50.8	102	102	60-130	0.2	25	
Styrene	ug/L	50	54.7	54.3	109	109	70-130	0.7	25	
1,1,2,2-Tetrachloroethane	ug/L	50	56.6	55.9	113	112	70-130	1	25	
o-Xylene	ug/L	50	52.7	52.9	105	106	70-130	0.4	25	
1,2,3-Trichloropropane	ug/L	50	49.2	48.5	98	97	70-130	1	25	
cis-1,4-Dichloro-2-butene	ug/L	50	46.5	44.1	93	88	60-130	5	25	
Isopropylbenzene (Cumene)	ug/L	50	51.2	51.9	102	104	70-130	1	25	
Bromobenzene	ug/L	50	54.5	56.6	109	113	70-130	4	25	
n-propylbenzene	ug/L	50	57.3	59.2	115	118	70-130	3	25	
2-Chlorotoluene	ug/L	50	55.4	56.5	111	113	70-130	2	25	
1,3,5-Trimethylbenzene	ug/L	50	56.7	58.0	113	116	70-130	2	25	
4-Chlorotoluene	ug/L	50	56.4	57.3	113	115	70-130	2	25	
tert-Butylbenzene	ug/L	50	55.2	57.5	110	115	70-130	4	25	
1,2,4-Trimethylbenzene	ug/L	50	56.6	58.4	113	117	70-130	3	25	
sec-Butylbenzene	ug/L	50	56.2	58.3	112	117	70-130	4	25	
1,3-Dichlorobenzene	ug/L	50	54.0	55.1	108	110	70-130	2	25	
1,4-Dichlorobenzene	ug/L	50	53.2	55.2	106	110	70-130	4	25	
4-Isopropyltoluene	ug/L	50	56.3	57.5	113	115	70-130	2	25	
1,2-Dichlorobenzene	ug/L	50	55.4	56.9	111	114	70-130	3	25	
n-Butylbenzene	ug/L	50	58.4	59.9	117	120	70-130	3	25	
1,2-DBC	ug/L	50	53.0	53.0	106	106	60-130	0	25	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965

292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	52.6	53.6	105	107	70-130	2	25	
Naphthalene	ug/L	50	53.1	52.7	106	105	70-130	0.8	25	
Hexachlorobutadiene	ug/L	50	54.6	55.4	109	111	70-130	1	25	
1,2,3-Trichlorobenzene	ug/L	50	57.3	57.1	115	114	70-130	0.3	25	
Xylenes- Total	ug/L	150	160	162	106	108	70-130	1	25	

LABORATORY CONTROL SAMPLE & LCSD: 292967

292968

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	96	70-130	2	25	
Toluene d8 (S)	%				96	96	70-130	0.3	25	
4-Bromofluorobenzene (S)	%				97	100	70-130	3	25	
Acrolein	ug/L	250	168	161	67	64	60-130	4	25	
Acrylonitrile	ug/L	250	181	176	73	70	60-130	3	25	

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	38.3		0.8	25	
Toluene d8 (S)	%	38.3		0	25	
4-Bromofluorobenzene (S)	%	38.8		0.5	25	
Dichlorodifluoromethane	ug/L	U	U	0	25	
Chloromethane	ug/L	U	U	0	25	
Vinyl chloride	ug/L	U	U	0	25	
Bromomethane	ug/L	U	U	0	25	
Chloroethane	ug/L	U	U	0	25	
Trichlorofluoromethane	ug/L	U	U	0	25	
Acrolein	ug/L	U	U	0	25	
Acetone	ug/L	U	U	0	25	
1,1-Dichloroethene	ug/L	U	U	0	25	
Iodomethane	ug/L	U	U	0	25	
Acrylonitrile	ug/L	U	U	0	25	
Methylene chloride	ug/L	U	U	0	25	
Carbon disulfide	ug/L	U	U	0	25	
trans-1,2-Dichloroethene	ug/L	U	U	0	25	
tert-Butyl methyl ether (MTBE)	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ug/L	U	U	0	25	
Vinyl acetate	ug/L	U	U	0	25	
Methyl ethyl ketone (MEK)	ug/L	U	U	0	25	
cis-1,2-Dichloroethene	ug/L	U	U	0	25	
Bromochloromethane	ug/L	U	U	0	25	
Chloroform	ug/L	U	U	0	25	
2,2-Dichloropropane	ug/L	U	U	0	25	
1,2-Dichloroethane	ug/L	U	U	0	25	
1,1,1-Trichloroethane	ug/L	U	U	0	25	
1,1-Dichloropropene	ug/L	U	U	0	25	
Carbon tetrachloride	ug/L	U	U	0	25	
Benzene	ug/L	U	U	0	25	
Dibromomethane	ug/L	U	U	0	25	
1,2-Dichloropropane	ug/L	U	U	0	25	
Trichloroethene	ug/L	U	U	0	25	
Bromodichloromethane	ug/L	U	U	0	25	
cis-1,3-Dichloropropene	ug/L	U	U	0	25	
4-methyl-2-pentanone	ug/L	U	U	0	25	
trans-1,3-Dichloropropene	ug/L	U	U	0	25	
1,1,2-Trichloroethane	ug/L	U	U	0	25	
Toluene	ug/L	U	U	0	25	
1,3-Dichloropropane	ug/L	U	U	0	25	
Ethyl methacrylate	ug/L	U	U	0	25	
Dibromochloromethane	ug/L	U	U	0	25	
2-Hexanone	ug/L	U	U	0	25	
1,2-Dibromoethane (EDB)	ug/L	U	U	0	25	
Tetrachloroethene	ug/L	2.5	2.42	3	25	
1,1,1,2-Tetrachloroethane	ug/L	U	U	0	25	
Chlorobenzene	ug/L	U	U	0	25	
Ethylbenzene	ug/L	U	U	0	25	
m & p-xylene	ug/L	0.55	0.490i	12	25	
Bromoform	ug/L	U	U	0	25	
t-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Styrene	ug/L	U	U	0	25	
1,1,2,2-Tetrachloroethane	ug/L	U	U	0	25	
o-Xylene	ug/L	U	U	0	25	
1,2,3-Trichloropropane	ug/L	U	U	0	25	
cis-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Isopropylbenzene (Cumene)	ug/L	U	U	0	25	
Bromobenzene	ug/L	U	U	0	25	
n-propylbenzene	ug/L	U	U	0	25	
2-Chlorotoluene	ug/L	U	U	0	25	
1,3,5-Trimethylbenzene	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
4-Chlorotoluene	ug/L	U	U	0	25	
tert-Butylbenzene	ug/L	U	U	0	25	
1,2,4-Trimethylbenzene	ug/L	U	U	0	25	
sec-Butylbenzene	ug/L	U	U	0	25	
1,3-Dichlorobenzene	ug/L	U	U	0	25	
1,4-Dichlorobenzene	ug/L	U	U	0	25	
4-Isopropyltoluene	ug/L	U	U	0	25	
1,2-Dichlorobenzene	ug/L	U	U	0	25	
n-Butylbenzene	ug/L	U	U	0	25	
1,2-DCBP	ug/L	U	U	0	25	
1,2,4-Trichlorobenzene	ug/L	U	U	0	25	
Naphthalene	ug/L	U	U	0	25	
Hexachlorobutadiene	ug/L	U	U	0	25	
1,2,3-Trichlorobenzene	ug/L	U	U	0	25	
Xylenes- Total	ug/L	U	U	0	25	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	VXX/11987	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5030B					
Associated Lab Samples:	2387932003	2387933032	2387953001	2387953002	2387953003	2387953004
	2387953005	2387953006	2387998013	2387998014	2388024001	

METHOD BLANK: 292998

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	96	70-130	
Toluene d8 (S)	%	93	70-130	
4-Bromofluorobenzene (S)	%	94	70-130	
n-propylbenzene	ug/L	U	0.400	

LABORATORY CONTROL SAMPLE & LCSD: 292999 293000

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	100	70-130	0.5	25	
Toluene d8 (S)	%				95	94	70-130	0.8	25	
4-Bromofluorobenzene (S)	%				97	96	70-130	0.8	25	
n-propylbenzene	ug/L	50	58.3	57.8	117	116	70-130	0.9	25	

LABORATORY CONTROL SAMPLE & LCSD: 293001 293002

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				97	96	70-130	1	25	
Toluene d8 (S)	%				95	94	70-130	0.3	25	
4-Bromofluorobenzene (S)	%				97	97	70-130	0.8	25	

SAMPLE DUPLICATE: 293019 Original: 2387953004

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	38.1		2	25	
Toluene d8 (S)	%	37.1		0.5	25	
4-Bromofluorobenzene (S)	%	36.4		3	25	
n-propylbenzene	ug/L	U	U	0	25	

Report ID: 2387933 - 3843152
10/25/2023

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FDOH# E86546

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: VXX/11991 Analysis Method: EPA 8260C (MEOH EXT. S)
QC Batch Method: 5035 (High)
Associated Lab Samples: 2387933002 2387933003 2387933012

METHOD BLANK: 293116

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	96	60-135	
Toluene d8 (S)	%	93	60-135	
4-Bromofluorobenzene (S)	%	94	60-135	
Dichlorodifluoromethane	mg/Kg	U	0.000370	
Chloromethane	mg/Kg	U	0.000680	
Vinyl chloride	mg/Kg	U	0.000980	
Bromomethane	mg/Kg	U	0.00150	
Chloroethane	mg/Kg	U	0.000580	
Trichlorofluoromethane	mg/Kg	U	0.000750	
Acrolein	mg/Kg	U	0.00466	
Acetone	mg/Kg	U	0.00311	
1,1-Dichloroethene	mg/Kg	U	0.000900	
Iodomethane	mg/Kg	U	0.00200	
Acrylonitrile	mg/Kg	U	0.00751	
Methylene chloride	mg/Kg	U	0.010	
Carbon disulfide	mg/Kg	U	0.000720	
trans-1,2-Dichloroethene	mg/Kg	U	0.000890	
tert-Butyl methyl ether (MTBE)	mg/Kg	U	0.00111	
1,1-Dichloroethane	mg/Kg	U	0.000780	
Vinyl acetate	mg/Kg	U	0.000820	
Methyl ethyl ketone (MEK)	mg/Kg	U	0.00145	
cis-1,2-Dichloroethene	mg/Kg	U	0.000440	
Bromochloromethane	mg/Kg	U	0.00111	
Chloroform	mg/Kg	U	0.00660	
2,2-Dichloropropane	mg/Kg	U	0.000530	
1,2-Dichloroethane	mg/Kg	U	0.000840	
1,1,1-Trichloroethane	mg/Kg	U	0.000550	
1,1-Dichloropropene	mg/Kg	U	0.000470	
Carbon tetrachloride	mg/Kg	U	0.000540	
Benzene	mg/Kg	U	0.000460	
Dibromomethane	mg/Kg	U	0.00114	
1,2-Dichloropropane	mg/Kg	U	0.000600	
Trichloroethene	mg/Kg	U	0.000780	
Bromodichloromethane	mg/Kg	U	0.000360	
cis-1,3-Dichloropropene	mg/Kg	U	0.000560	
4-methyl-2-pentanone	mg/Kg	U	0.000540	
trans-1,3-Dichloropropene	mg/Kg	U	0.000440	
1,1,2-Trichloroethane	mg/Kg	U	0.000510	

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

METHOD BLANK: 293116

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	mg/Kg	U	0.000400	
1,3-Dichloropropane	mg/Kg	U	0.000450	
Ethyl methacrylate	mg/Kg	U	0.000360	
Dibromochloromethane	mg/Kg	U	0.000570	
2-Hexanone	mg/Kg	U	0.00115	
1,2-Dibromoethane (EDB)	mg/Kg	U	0.000480	
Tetrachloroethene	mg/Kg	U	0.000450	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000600	
Chlorobenzene	mg/Kg	U	0.000430	
Ethylbenzene	mg/Kg	U	0.000330	
m & p-xylene	mg/Kg	U	0.000640	
Bromoform	mg/Kg	U	0.000750	
t-1,4-Dichloro-2-butene	mg/Kg	U	0.00708	
Styrene	mg/Kg	U	0.000310	
1,1,1,2-Tetrachloroethane	mg/Kg	U	0.000480	
o-Xylene	mg/Kg	U	0.000350	
1,2,3-Trichloropropane	mg/Kg	U	0.00120	
cis-1,4-Dichloro-2-butene	mg/Kg	U	0.000930	
Isopropylbenzene (Cumene)	mg/Kg	U	0.000330	
Bromobenzene	mg/Kg	U	0.000370	
n-propylbenzene	mg/Kg	U	0.000300	
2-Chlorotoluene	mg/Kg	U	0.000370	
1,3,5-Trimethylbenzene	mg/Kg	U	0.000210	
4-Chlorotoluene	mg/Kg	U	0.000320	
tert-Butylbenzene	mg/Kg	U	0.000290	
1,2,4-Trimethylbenzene	mg/Kg	U	0.000270	
sec-Butylbenzene	mg/Kg	U	0.000230	
1,3-Dichlorobenzene	mg/Kg	U	0.000310	
1,4-Dichlorobenzene	mg/Kg	U	0.000340	
4-Isopropyltoluene	mg/Kg	U	0.000240	
1,2-Dichlorobenzene	mg/Kg	U	0.000290	
n-Butylbenzene	mg/Kg	U	0.000260	
1,2-DBCP	mg/Kg	U	0.000210	
1,2,4-Trichlorobenzene	mg/Kg	U	0.000220	
Naphthalene	mg/Kg	U	0.00500	
Hexachlorobutadiene	mg/Kg	U	0.000220	
1,2,3-Trichlorobenzene	mg/Kg	U	0.000140	
Xylenes- Total	mg/Kg	U	0.000990	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 293117 293118

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				100	100	60-135	0.5	30	
Toluene d8 (S)	%				95	94	60-135	0.8	30	
4-Bromofluorobenzene (S)	%				97	96	60-135	0.8	30	
Dichlorodifluoromethane	mg/Kg	0.05	0.040	0.043	79	87	60-135	7	30	
Chloromethane	mg/Kg	0.05	0.039	0.047	79	95	50-135	19	30	
Vinyl chloride	mg/Kg	0.05	0.039	0.038	77	75	60-135	3	30	
Bromomethane	mg/Kg	0.05	0.046	0.037	92	75	50-135	22	30	
Chloroethane	mg/Kg	0.05	0.038	0.043	76	85	60-135	12	30	
Trichlorofluoromethane	mg/Kg	0.05	0.040	0.039	79	78	60-135	3	30	
Acetone	mg/Kg	0.05	0.044	0.041	87	82	50-135	7	30	
1,1-Dichloroethene	mg/Kg	0.05	0.043	0.043	85	85	60-135	0	30	
Iodomethane	mg/Kg	0.05	0.033	0.037	66	74	60-135	11	30	
Methylene chloride	mg/Kg	0.05	0.041	0.040	81	79	50-135	2	30	
Carbon disulfide	mg/Kg	0.05	0.043	0.042	86	85	50-135	2	30	
trans-1,2-Dichloroethene	mg/Kg	0.05	0.044	0.044	88	88	60-135	0	30	
tert-Butyl methyl ether (MTBE)	mg/Kg	0.05	0.040	0.041	81	82	60-135	2	30	
1,1-Dichloroethane	mg/Kg	0.05	0.040	0.040	80	80	60-135	0	30	
Vinyl acetate	mg/Kg	0.05	0.064	0.060	128	121	50-135	6	30	
Methyl ethyl ketone (MEK)	mg/Kg	0.05	0.039	0.041	78	82	50-135	5	30	
cis-1,2-Dichloroethene	mg/Kg	0.05	0.048	0.048	96	96	60-135	0	30	
Bromochloromethane	mg/Kg	0.05	0.048	0.048	95	96	60-135	0	30	
Chloroform	mg/Kg	0.05	0.047	0.046	94	93	60-135	2	30	
2,2-Dichloropropane	mg/Kg	0.05	0.047	0.047	95	94	50-135	0	30	
1,2-Dichloroethane	mg/Kg	0.05	0.039	0.038	79	77	60-135	3	30	
1,1,1-Trichloroethane	mg/Kg	0.05	0.046	0.045	92	91	60-135	2	30	
1,1-Dichloropropene	mg/Kg	0.05	0.046	0.046	93	92	60-135	0	30	
Carbon tetrachloride	mg/Kg	0.05	0.046	0.046	92	91	60-135	0	30	
Benzene	mg/Kg	0.05	0.048	0.047	96	95	60-135	2	30	
Dibromomethane	mg/Kg	0.05	0.046	0.047	93	94	60-135	2	30	
1,2-Dichloropropane	mg/Kg	0.05	0.045	0.045	90	90	60-135	0	30	
Trichloroethene	mg/Kg	0.05	0.043	0.044	87	87	60-135	2	30	
Bromodichloromethane	mg/Kg	0.05	0.047	0.047	94	93	60-135	0	30	
cis-1,3-Dichloropropene	mg/Kg	0.05	0.050	0.050	100	101	60-135	0	30	
4-methyl-2-pentanone	mg/Kg	0.05	0.038	0.039	76	78	60-135	3	30	
trans-1,3-Dichloropropene	mg/Kg	0.05	0.041	0.041	82	81	60-135	0	30	
1,1,2-Trichloroethane	mg/Kg	0.05	0.046	0.046	93	92	60-135	0	30	
Toluene	mg/Kg	0.05	0.053	0.054	107	107	60-135	2	30	
1,3-Dichloropropane	mg/Kg	0.05	0.051	0.051	101	102	60-135	0	30	
Ethyl methacrylate	mg/Kg	0.05	0.054	0.055	107	111	60-135	2	30	
Dibromochloromethane	mg/Kg	0.05	0.057	0.057	113	113	60-135	0	30	
2-Hexanone	mg/Kg	0.05	0.046	0.048	92	97	60-135	4	30	
1,2-Dibromoethane (EDB)	mg/Kg	0.05	0.054	0.054	108	108	60-135	0	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD:		293117		293118						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Tetrachloroethene	mg/Kg	0.05	0.038	0.044	75	87	60-135	15	30	
1,1,1,2-Tetrachloroethane	mg/Kg	0.05	0.055	0.055	109	110	60-135	0	30	
Chlorobenzene	mg/Kg	0.05	0.054	0.055	109	110	60-135	2	30	
Ethylbenzene	mg/Kg	0.05	0.055	0.055	110	111	60-135	0	30	
m & p-xylene	mg/Kg	0.1	0.110	0.110	110	110	60-135	0	30	
Bromoform	mg/Kg	0.05	0.046	0.047	91	94	60-135	2	30	
t-1,4-Dichloro-2-butene	mg/Kg	0.05	0.048	0.050	97	99	60-135	4	30	
Styrene	mg/Kg	0.05	0.055	0.056	110	112	60-135	2	30	
1,1,2,2-Tetrachloroethane	mg/Kg	0.05	0.057	0.056	113	113	60-135	2	30	
o-Xylene	mg/Kg	0.05	0.053	0.054	107	109	60-135	2	30	
1,2,3-Trichloropropane	mg/Kg	0.05	0.049	0.050	98	101	60-135	2	30	
cis-1,4-Dichloro-2-butene	mg/Kg	0.05	0.045	0.045	90	89	60-135	0	30	
Isopropylbenzene (Cumene)	mg/Kg	0.05	0.052	0.052	104	105	60-135	0	30	
Bromobenzene	mg/Kg	0.05	0.058	0.057	115	114	60-135	2	30	
n-propylbenzene	mg/Kg	0.05	0.058	0.058	117	116	60-135	0	30	
2-Chlorotoluene	mg/Kg	0.05	0.055	0.054	111	108	60-135	2	30	
1,3,5-Trimethylbenzene	mg/Kg	0.05	0.057	0.056	113	113	60-135	2	30	
4-Chlorotoluene	mg/Kg	0.05	0.056	0.055	112	111	60-135	2	30	
tert-Butylbenzene	mg/Kg	0.05	0.057	0.057	114	113	60-135	0	30	
1,2,4-Trimethylbenzene	mg/Kg	0.05	0.057	0.057	114	113	60-135	0	30	
sec-Butylbenzene	mg/Kg	0.05	0.058	0.057	115	114	60-135	2	30	
1,3-Dichlorobenzene	mg/Kg	0.05	0.056	0.055	111	110	60-135	2	30	
1,4-Dichlorobenzene	mg/Kg	0.05	0.056	0.055	112	110	60-135	2	30	
4-Isopropyltoluene	mg/Kg	0.05	0.057	0.056	114	113	60-135	2	30	
1,2-Dichlorobenzene	mg/Kg	0.05	0.058	0.057	115	114	60-135	2	30	
n-Butylbenzene	mg/Kg	0.05	0.059	0.058	118	116	60-135	2	30	
1,2-DBCP	mg/Kg	0.05	0.052	0.054	103	108	60-135	4	30	
1,2,4-Trichlorobenzene	mg/Kg	0.05	0.054	0.054	108	109	60-135	0	30	
Naphthalene	mg/Kg	0.05	0.053	0.054	106	109	60-135	2	30	
Hexachlorobutadiene	mg/Kg	0.05	0.058	0.056	116	112	60-135	4	30	
1,2,3-Trichlorobenzene	mg/Kg	0.05	0.059	0.059	119	119	60-135	0	30	
Xylenes- Total	mg/Kg	0.15	0.163	0.165	109	110		1		

LABORATORY CONTROL SAMPLE & LCSD:		293119		293120						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				97	96	60-135	1	30	
Toluene d8 (S)	%				95	94	60-135	0.3	30	
4-Bromofluorobenzene (S)	%				97	97	60-135	0.8	30	
Acrolein	mg/Kg	0.25	0.175	0.173	70	69	50-135	1	30	
Acrylonitrile	mg/Kg	0.25	0.186	0.185	74	74	50-135	0.5	30	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

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QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15705	Analysis Method:		EPA 1311/200.8		
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387474006	2387474010	2387933001	2387933002	2387933004	2387933005
	2387933007	2387933008	2387933010	2387933011	2387933013	2387933014
	2387933016	2387933018	2387933019	2388147001	2388159001	2388159002
	2388159003	2388170001				

METHOD BLANK: 293698

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/L	U	0.000067	
Lead	mg/L	U	0.000029	

LABORATORY CONTROL SAMPLE & LCSD: 293699 293700

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.05	0.052	0.049	104	98.1	85-115	5.94	20	
Lead	mg/L	0.05	0.049	0.051	98.6	101	85-115	4	20	

MATRIX SPIKE SAMPLE: 293702 Original: 2388147001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	0.00026	0.05	0.047	93.7	70-130	
Lead	mg/L	9.2e-005	0.05	0.044	87	70-130	

SAMPLE DUPLICATE: 293701 Original: 2388147001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/L	U	0.00027i	0	20	
Lead	mg/L	U	U	0	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch:	MXX/15707	Analysis Method:	EPA 1311/200.8			
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387933020	2387933021	2387933022	2387933023	2387933024	2388131001
	2388131002					

METHOD BLANK: 293717

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/L	U	0.000067	
Mercury	mg/L	U	0.00018	
Lead	mg/L	0.000035i	0.000029	

LABORATORY CONTROL SAMPLE & LCSD: 293718 293719

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.05	0.049	0.049	97.3	97.7	85-115	0	20	
Mercury	mg/L	0.005	0.0047	0.0047	93.3	94.4	85-115	0	20	
Lead	mg/L	0.05	0.050	0.050	99.5	99.5	85-115	0	20	

MATRIX SPIKE SAMPLE: 293721 Original: 2388135001

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	0.00065	0.05	0.05	98	70-130	
Mercury	mg/L	0	0.02	0.019	94.6	70-130	
Lead	mg/L	0.0002	0.05	0.045	89.6	70-130	

SAMPLE DUPLICATE: 293720 Original: 2388135001

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.00065	0.00062i	4.72	20	
Mercury	mg/L	U	U	0	20	
Lead	mg/L	0.0002	0.00022i	9.52	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: MXX/15715 Analysis Method: EPA 1311/200.8
QC Batch Method: EPA 200.2 mod.

Associated Lab Samples: 2387933026 2387933027 2387933028 2387933029 2387933030 2387933031

METHOD BLANK: 293886

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/L	U	0.000067	
Arsenic	mg/L	U	0.00016	
Lead	mg/L	U	0.000029	

LABORATORY CONTROL SAMPLE & LCSD: 293887 293888

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.05	0.051	0.051	101	102	85-115	0	20	
Arsenic	mg/L	0.05	0.048	0.049	96.7	97.4	85-115	2.06	20	
Lead	mg/L	0.05	0.052	0.051	104	102	85-115	1.94	20	

MATRIX SPIKE SAMPLE: 293890 Original: 2388160002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	0.0004	0.05	0.045	88.5	70-130	
Arsenic	mg/L	0.0027	0.05	0.05	95	70-130	
Lead	mg/L	0.00041	0.05	0.042	82.8	70-130	

SAMPLE DUPLICATE: 293889 Original: 2388160002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.0004	0.00041i	2.47	20	
Arsenic	mg/L	0.0027	0.0029i	7.14	20	
Lead	mg/L	0.00041	0.00030i	31	20	



QUALITY CONTROL DATA

Workorder: 2387933

Project ID: Homestead Triangle

QC Batch: MXX/15716 Analysis Method: EPA 1311/200.8
 QC Batch Method: EPA 200.2 mod.
 Associated Lab Samples: 2387933038 2387933040 2387933041 2387933042

METHOD BLANK: 293926

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/L	U	0.000067	
Barium	mg/L	U	0.000076	
Lead	mg/L	U	0.000029	

LABORATORY CONTROL SAMPLE & LCSD: 293927 293928

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.05	0.050	0.050	99.6	99.8	85-115	0	20	
Barium	mg/L	0.05	0.052	0.051	103	102	85-115	1.94	20	
Lead	mg/L	0.05	0.049	0.050	97.8	99.2	85-115	2.02	20	

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QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387933

Project ID: Homestead Triangle

QUALITY CONTROL PARAMETER QUALIFIERS

- J2 Surrogate recovery was outside defined limits due to matrix interference.
- J2d Surrogate recovery was outside defined limits due to matrix required sample dilution.
- J3a LCS value exceeded accuracy control limits which could bias high sample results; however, sample data is non detect and was not impacted.
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- P Results vary by more than allowed by precision requirement for method.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.
- V Indicates that the analyte was detected in both the sample and the associated method blank.
- V1 Indicates that the analyte was detected in the method blank but was not detected in the associated sample(s).



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933001	SB-7N (0-0.5)	SM 2540G	WGR/6025		
2387933002	SB-7N (0.5-2)	SM 2540G	WGR/6025		
2387933003	SB-7N (2-4)	SM 2540G	WGR/6025		
2387933004	SB-7 (0-0.5)	SM 2540G	WGR/6025		
2387933005	SB-7 (0.5-2)	SM 2540G	WGR/6025		
2387933006	SB-7 (2-4)	SM 2540G	WGR/6025		
2387933007	SB-7E (0-0.5)	SM 2540G	WGR/6025		
2387933008	SB-7E (0.5-2)	SM 2540G	WGR/6025		
2387933009	SB-7E (2-4)	SM 2540G	WGR/6025		
2387933010	SB-7S (0-0.5)	SM 2540G	WGR/6025		
2387933011	SB-7S (0.5-2)	SM 2540G	WGR/6025		
2387933012	SB-7S (2-4)	SM 2540G	WGR/6025		
2387933013	SB-7W (0-0.5)	SM 2540G	WGR/6026		
2387933014	SB-7W (0.5-2)	SM 2540G	WGR/6026		
2387933015	SB-7W (2-4)	SM 2540G	WGR/6026		
2387933016	SB-6N-1 (0-0.5)	SM 2540G	WGR/6026		
2387933017	SB-6E-1 (0-0.5)	SM 2540G	WGR/6026		
2387933018	SB-6S-1 (0-0.5)	SM 2540G	WGR/6026		
2387933019	SB-6W-1 (0-0.5)	SM 2540G	WGR/6026		
2387933020	SB-6W-2 (0-0.5)	SM 2540G	WGR/6026		
2387933021	SB-6S-2 (0-0.5)	SM 2540G	WGR/6026		
2387933022	SB-5N-1 (0-0.5)	SM 2540G	WGR/6026		
2387933023	SB-5N-2 (0-0.5)	SM 2540G	WGR/6026		
2387933024	SB-5E-1 (0-0.5)	SM 2540G	WGR/6026		
2387933025	SB-5E-2 (0-0.5)	SM 2540G	WGR/6026		
2387933026	SB-5W-1 (0-0.5)	SM 2540G	WGR/6026		
2387933027	SB-5W-2 (0-0.5)	SM 2540G	WGR/6026		
2387933028	SB-5W-3 (0-0.5)	SM 2540G	WGR/6026		
2387933029	SB-5W-4 (0-0.5)	SM 2540G	WGR/6026		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933030	SB-5S-1 (0-0.5)	SM 2540G	WGR/6026		
2387933031	SB-5S-2 (0-0.5)	SM 2540G	WGR/6026		
2387933036	SB-4N-1 (0-0.5)	SM 2540G	WGR/6026		
2387933037	SB-4N-2 (0-0.5)	SM 2540G	WGR/6026		
2387933038	SB-4E-1 (0-0.5)	SM 2540G	WGR/6026		
2387933039	SB-4E-2 (0-0.5)	SM 2540G	WGR/6026		
2387933040	SB-4S-1 (0-0.5)	SM 2540G	WGR/6026		
2387933041	SB-4S-2 (0-0.5)	SM 2540G	WGR/6026		
2387933042	SB-4W-1 (0-0.5)	SM 2540G	WGR/6026		
2387933043	SB-4W-2 (0-0.5)	SM 2540G	WGR/6026		
2387933044	SB-4W-3 (0-0.5)	SM 2540G	WGR/6026		
2387933045	SB-4W-4 (0-0.5)	SM 2540G	WGR/6026		
2387933001	SB-7N (0-0.5)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933002	SB-7N (0.5-2)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933003	SB-7N (2-4)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933004	SB-7 (0-0.5)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933005	SB-7 (0.5-2)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933006	SB-7 (2-4)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933007	SB-7E (0-0.5)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933008	SB-7E (0.5-2)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933009	SB-7E (2-4)	EPA 3545	XXX/17832	EPA 8310 List by 8270E SIM (S)	XMS/8986
2387933002	SB-7N (0.5-2)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933003	SB-7N (2-4)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933005	SB-7 (0.5-2)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933008	SB-7E (0.5-2)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209
2387933009	SB-7E (2-4)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6209



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933001	SB-7N (0-0.5)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933004	SB-7 (0-0.5)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933006	SB-7 (2-4)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933007	SB-7E (0-0.5)	EPA 3545	XXX/17833	FL-PRO (GC)	XGCP/6210
2387933032	7N	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933033	7	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933034	7E	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933035	7S	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387933033	7	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6208
2387933035	7S	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6208
2387933032	7N	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6210
2387933034	7E	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6211
2387933001	SB-7N (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933002	SB-7N (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933003	SB-7N (2-4)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933004	SB-7 (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933005	SB-7 (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933006	SB-7 (2-4)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933007	SB-7E (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933008	SB-7E (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933009	SB-7E (2-4)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933010	SB-7S (0-0.5)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933011	SB-7S (0.5-2)	EPA 3050B (mod)	MXX/15670	EPA 6020	MMS/13923
2387933010	SB-7S (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933011	SB-7S (0.5-2)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933012	SB-7S (2-4)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933013	SB-7W (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933014	SB-7W (0.5-2)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387933015	SB-7W (2-4)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991
2387933010	SB-7S (0-0.5)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933011	SB-7S (0.5-2)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933012	SB-7S (2-4)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933013	SB-7W (0-0.5)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933014	SB-7W (0.5-2)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6208
2387933015	SB-7W (2-4)	EPA 3545	XXX/17842	FL-PRO (GC)	XGCP/6213
2387933032	7N	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933033	7	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933034	7E	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933035	7S	EPA 200.2 mod.	MXX/15671	EPA 200.8 (Dissolved)	MMS/13924
2387933032	7N	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933033	7	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933034	7E	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933035	7S	EPA 200.2 mod.	MXX/15672	EPA 200.8 (Total)	MMS/13924
2387933012	SB-7S (2-4)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933013	SB-7W (0-0.5)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933014	SB-7W (0.5-2)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933015	SB-7W (2-4)	EPA 3050B (mod)	MXX/15675	EPA 6020	MMS/13926
2387933001	SB-7N (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933004	SB-7 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933005	SB-7 (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933006	SB-7 (2-4)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933007	SB-7E (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933008	SB-7E (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933009	SB-7E (2-4)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933010	SB-7S (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933011	SB-7S (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933013	SB-7W (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933014	SB-7W (0.5-2)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933015	SB-7W (2-4)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933016	SB-6N-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933017	SB-6E-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933018	SB-6S-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933019	SB-6W-1 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933020	SB-6W-2 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933021	SB-6S-2 (0-0.5)	EPA 5035	VXX/11980	EPA 8260C	VMS/11802
2387933016	SB-6N-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933017	SB-6E-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933018	SB-6S-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933019	SB-6W-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933020	SB-6W-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933021	SB-6S-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933022	SB-5N-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933023	SB-5N-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933024	SB-5E-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933025	SB-5E-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933026	SB-5W-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933027	SB-5W-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933028	SB-5W-3 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933029	SB-5W-4 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933030	SB-5S-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933031	SB-5S-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933036	SB-4N-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933037	SB-4N-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933038	SB-4E-1 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933039	SB-4E-2 (0-0.5)	EPA 3050B (mod)	MXX/15676	EPA 6020	MMS/13927
2387933040	SB-4S-1 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933041	SB-4S-2 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933042	SB-4W-1 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933043	SB-4W-2 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933044	SB-4W-3 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933045	SB-4W-4 (0-0.5)	EPA 3050B (mod)	MXX/15681	EPA 6020	MMS/13931
2387933032	7N	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933033	7	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933034	7E	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933035	7S	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387933032	7N	EPA 5030B	VXX/11987	EPA 8260C	VMS/11809
2387933002	SB-7N (0.5-2)	5035 (High)	VXX/11991	EPA 8260C (MEOH EXT. S)	VMS/11813
2387933003	SB-7N (2-4)	5035 (High)	VXX/11991	EPA 8260C (MEOH EXT. S)	VMS/11813
2387933012	SB-7S (2-4)	5035 (High)	VXX/11991	EPA 8260C (MEOH EXT. S)	VMS/11813
2387933001	SB-7N (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933002	SB-7N (0.5-2)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933004	SB-7 (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387933

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387933005	SB-7 (0.5-2)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933007	SB-7E (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933008	SB-7E (0.5-2)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933010	SB-7S (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933011	SB-7S (0.5-2)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933013	SB-7W (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933014	SB-7W (0.5-2)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933016	SB-6N-1 (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933018	SB-6S-1 (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933019	SB-6W-1 (0-0.5)	EPA 200.2 mod.	MXX/15705	EPA 1311/200.8	MMS/13952
2387933020	SB-6W-2 (0-0.5)	EPA 200.2 mod.	MXX/15707	EPA 1311/200.8	MMS/13954
2387933021	SB-6S-2 (0-0.5)	EPA 200.2 mod.	MXX/15707	EPA 1311/200.8	MMS/13954
2387933022	SB-5N-1 (0-0.5)	EPA 200.2 mod.	MXX/15707	EPA 1311/200.8	MMS/13954
2387933023	SB-5N-2 (0-0.5)	EPA 200.2 mod.	MXX/15707	EPA 1311/200.8	MMS/13954
2387933024	SB-5E-1 (0-0.5)	EPA 200.2 mod.	MXX/15707	EPA 1311/200.8	MMS/13954
2387933026	SB-5W-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387933027	SB-5W-2 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387933028	SB-5W-3 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387933029	SB-5W-4 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387933030	SB-5S-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387933031	SB-5S-2 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387933038	SB-4E-1 (0-0.5)	EPA 200.2 mod.	MXX/15716	EPA 1311/200.8	MMS/13962
2387933040	SB-4S-1 (0-0.5)	EPA 200.2 mod.	MXX/15716	EPA 1311/200.8	MMS/13962
2387933041	SB-4S-2 (0-0.5)	EPA 200.2 mod.	MXX/15716	EPA 1311/200.8	MMS/13962
2387933042	SB-4W-1 (0-0.5)	EPA 200.2 mod.	MXX/15716	EPA 1311/200.8	MMS/13962



ADD – ONS

Client Company: Stantec

Client Contact: Kevin Yue

Log #: 2387474; 2387933; 2387961

Date Requested: 10/18/23

Due Date: 10/25/23

Order Taken By: GPS

Note: Email the Appropriate Department – Attach One Copy to Chain

Lab ID	Sample ID	Analysis Requested
2387474006	SB-2 (0.5-2)	TCLP As
2387474010	SB-3 (0.5-2)	TCLP As
2387933001	SB-7N (0-0.5)	TCLP Lead
2387933002	SB-7N (0.5-2)	
2387933004	SB-7 (0-0.5)	
2387933005	SB-7 (0.5-2)	
2387933007	SB-7E (0-0.5)	
2387933008	SB-7E (0.5-2)	
2387933010	SB-7S (0-0.5)	
2387933011	SB-7S (0.5-2)	TCLP Chromium
2387933013	SB-7W (0-0.5)	TCLP Lead
2387933014	SB-7W (0.5-2)	
2387933016	SB-6N-1 (0-0.5)	
2387933018	SB-6S-1 (0-0.5)	
2387933019	SB-6W-1 (0-0.5)	
2387933020	SB-6W-2 (0-0.5)	
2387933021	SB-6S-2 (0-0.5)	
2387933022	SB-5N-1 (0-0.5)	TCLP Cr, Pb and Hg
2387933023	SB-5N-2 (0-0.5)	TCLP Lead
2387933024	SB-5E-1 (0-0.5)	TCLP As, Cr and Pb
2387933026	SB-5W-1 (0-0.5)	TCLP Lead
2387933027	SB-5W-2 (0-0.5)	
2387933028	SB-5W-3 (0-0.5)	
2387933029	SB-5W-4 (0-0.5)	

2387933030	SB-5S-1 (0-0.5)	TCLP Lead TCLP Cr and Pb TCLP Ba, Cr and Pb
2387933031	SB-5S-2 (0-0.5)	
2387933038	SB-4E-1 (0-0.5)	
2387933040	SB-4S-1 (0-0.5)	
2387933041	SB-4S-2 (0-0.5)	
2387933042	SB-4W-1 (0-0.5)	
2387961001	SB-3N-1 (0-0.5)	TCLP Cr, Pb and Hg
2387961003	SB-3N-2 (0-0.5)	TCLP Lead
2387961005	SB-3E-1 (0-0.5)	
2387961007	SB-3E-2 (0-0.5)	
2387961008	SB-3E-2 (0.5-2)	
2387961009	SB-3W-1 (0-0.5)	
2387961011	SB-3S-1 (0-0.5)	
2387961012	SB-3S-2 (0-0.5)	
2387961013	SB-2N-1 (0-0.5)	
2387961014	SB-2N-2 (0-0.5)	
2387961017	SB-2W-1	
2387961018	SB-2W-2	

Comments:

Company Name <u>Stantec</u>						LAB ANALYSIS												Requested Turnaround Time								
Address <u>380 Park Place Blvd</u>						Pres Codes																				
City <u>Clearwater</u> State <u>FL</u> Zip _____						Parameters	RCRA 8 Metals	PAHs 8270	VOCs 8260	TRPH	FLPRO													Field Filtered (Y/N)	Note: Rush requests subject to acceptance by the laboratory	
Sampling Site Address _____																									<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Expedited	
Attn: <u>Kevin Yue</u> Email _____																									Due ___/___/___	
Project Name <u>Homestead Triangle</u> Project # _____																										
Sampler Name/Signature <u>E. Gonzalez</u>																		Comments								
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont																					
1	SB-7N (0-0.5)	10/4/23	920	S	7	X	X	X	X																	
2	SB-7N (0.5-2)		925			X	X	X	X																	
3	SB-7N (2-4)		930			X	X	X	X																	
4	SB-7 (0-0.5)		1010			X	X	X	X																	
5	SB-7 (0.5-2)		1015			X	X	X	X																	
6	SB-7 (2-4)		1020			X	X	X	X																	
7	SB-7E (0-0.5)		1050			X	X	X	X																	
8	SB-7E (0.5-2)		1055			X	X	X	X																	
9	SB-7E (2-4)		1100			X	X	X	X																	
0	SB-7S (0-0.5)		1125			X	X	X	X																	
Matrix Codes*						Pres Codes						Relinquished by		Date	Time	Received by		Date	Time							
S	Soil/Solid Sediment	SW	Surface Water	A-	none	I-	Ice			10/5/23	1305			10/5/23	13:05											
GW	Ground Water	SL	Sludge	B-	HNO ₃	O-	Other			10/5/23	1754			10/5/23	1754											
WW	Waste Water	O	Other (Please Specify)	C-	H ₂ SO ₄	M-	MeOH			10/5/23	1955			10/5/23	19:55											
DW	Drinking Water			D-	NaOH	N-	Na ₂ S ₂ O ₈																			
				E-	HCl	Z-	ZnAc																			
QA/QC level with report None <u>1</u> <u>2</u> <u>3</u> See price guide for applicable fees						Temp Control: <u>1.5</u> °C																				

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2387933	Profile:	4527
Client:	Stantec	Project:	K. Yue
Level:	1	Date Rec'd:	10/5/2023 7:55:00 PM
Rec'd via:	courier		

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	1.5	45	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: KS

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	Yes	Written on Internal COC?	No
pH Strip Lot #	HC205981	Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #	22633, 25371	Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	No
Number of Encores		Number of Lab Filtered Metals	

Samples Labeled by KS o 10/6/2023 Labels Confirmed by AOJ o 10/6/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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Client Information

SDG: 2387933

Profile: 4527

Client: Stantec

Project: K. Yue

Level: 1

Date Rec'd: 10/5/2023 7:55:00 PM

Rec'd via: courier

LabID	ClientID	Discrepancy	Resolution
2387933032		Sample arrived unpreserved for metals analysis.	Sample was preserved in lab with nitric acid to reach a pH of 2.00 to proceed with metals analysis.
2387933033		Sample arrived unpreserved for metals analysis.	Sample was preserved in lab with nitric acid to reach a pH of 2.00 to proceed with metals analysis.
2387933034		Sample arrived unpreserved for metals and FLPRO analysis.	Sample was preserved in lab with nitric acid and HCl to reach a pH of 2.00 to proceed with metals and FLPRO analysis.
2387933035		Sample arrived unpreserved for metals analysis.	Sample was preserved in lab with nitric acid to reach a pH of 2.00 to proceed with metals analysis.

October 16, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387961
Project ID: Homestead Triangle

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Saturday, October 07, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Genesis De Sousa for
Kacia Baldwin
kaciab@jupiterlabs.com

SAMPLE ANALYTE COUNT

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387961001	SB-3N-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961002	SB-3N-1 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961003	SB-3N-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961004	SB-3N-2 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961005	SB-3E-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961006	SB-3E-1 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961007	SB-3E-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961008	SB-3E-2 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961009	SB-3W-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961010	SB-3W-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961011	SB-3S-1 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961012	SB-3S-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961013	SB-2N-1 (0-0.5)	EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961014	SB-2N-2 (0-0.5)	EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961015	SB-2S-1	EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961016	SB-2S-2	EPA 6020	8



SAMPLE ANALYTE COUNT

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387961016	SB-2S-2	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961017	SB-2W-1	EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
2387961018	SB-2W-2	SM 2540G	1
		EPA 6020	8
2387961019	7W	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
		EPA 200.8 (Dissolved)	8
2387961019	7W	EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3



SAMPLE SUMMARY

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387961001	SB-3N-1 (0-0.5)	Soil/Solid	10/5/2023 10:50	10/7/2023 12:15
2387961002	SB-3N-1 (0.5-2)	Soil/Solid	10/5/2023 10:55	10/7/2023 12:15
2387961003	SB-3N-2 (0-0.5)	Soil/Solid	10/5/2023 11:05	10/7/2023 12:15
2387961004	SB-3N-2 (0.5-2)	Soil/Solid	10/5/2023 11:10	10/7/2023 12:15
2387961005	SB-3E-1 (0-0.5)	Soil/Solid	10/5/2023 11:20	10/7/2023 12:15
2387961006	SB-3E-1 (0.5-2)	Soil/Solid	10/5/2023 11:25	10/7/2023 12:15
2387961007	SB-3E-2 (0-0.5)	Soil/Solid	10/5/2023 11:35	10/7/2023 12:15
2387961008	SB-3E-2 (0.5-2)	Soil/Solid	10/5/2023 11:40	10/7/2023 12:15
2387961009	SB-3W-1 (0-0.5)	Soil/Solid	10/5/2023 11:50	10/7/2023 12:15
2387961010	SB-3W-2 (0-0.5)	Soil/Solid	10/5/2023 12:00	10/7/2023 12:15
2387961011	SB-3S-1 (0-0.5)	Soil/Solid	10/5/2023 12:10	10/7/2023 12:15
2387961012	SB-3S-2 (0-0.5)	Soil/Solid	10/5/2023 12:20	10/7/2023 12:15
2387961013	SB-2N-1 (0-0.5)	Soil/Solid	10/5/2023 12:50	10/7/2023 12:15
2387961014	SB-2N-2 (0-0.5)	Soil/Solid	10/5/2023 13:00	10/7/2023 12:15
2387961015	SB-2S-1	Soil/Solid	10/5/2023 13:10	10/7/2023 12:15
2387961016	SB-2S-2	Soil/Solid	10/5/2023 13:20	10/7/2023 12:15
2387961017	SB-2W-1	Soil/Solid	10/5/2023 13:30	10/7/2023 12:15
2387961018	SB-2W-2	Soil/Solid	10/5/2023 13:40	10/7/2023 12:15
2387961019	7W	Aqueous Liquid	10/5/2023 14:10	10/7/2023 12:15



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961001** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-1 (0-0.5)** Date Collected: 10/5/2023 10:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	62.0	%	0.1		1		10/9/2023 14:53	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	120	mg/Kg	1.8	0.35	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	
Arsenic	22	mg/Kg	0.81	0.13	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	
Selenium	1.8	mg/Kg	1.6	0.75	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	
Silver	2.1	mg/Kg	0.81	0.48	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	
Cadmium	9.9	mg/Kg	0.81	0.15	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	
Barium	250	mg/Kg	1.8	0.35	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	L1
Mercury	5.9	mg/Kg	0.98	0.20	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	
Lead	730	mg/Kg	0.81	0.13	2	10/13/2023 14:42	ECW 10/13/2023 19:30	DB	L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961002** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-1 (0.5-2)** Date Collected: 10/5/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	80.8	%	0.1		1		10/9/2023 14:49	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	12	mg/Kg	1.3	0.27	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Arsenic	1.7	mg/Kg	0.62	0.10	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Selenium	U	mg/Kg	1.2	0.58	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Silver	U	mg/Kg	0.62	0.37	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Cadmium	0.27i	mg/Kg	0.62	0.11	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Barium	17	mg/Kg	1.4	0.27	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Mercury	0.35i	mg/Kg	0.76	0.15	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Lead	31	mg/Kg	0.62	0.097	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961003** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-2 (0-0.5)** Date Collected: 10/5/2023 11:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	57.3	%	0.1		1		10/9/2023 15:01	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	95	mg/Kg	1.9	0.38	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Arsenic	47	mg/Kg	0.87	0.14	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Selenium	U	mg/Kg	1.7	0.82	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Silver	1.2	mg/Kg	0.87	0.52	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Cadmium	15	mg/Kg	0.87	0.16	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Barium	260	mg/Kg	1.9	0.38	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	L1
Mercury	3.3	mg/Kg	1.1	0.21	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Lead	1100	mg/Kg	0.87	0.14	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	L2



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961004** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-2 (0.5-2)** Date Collected: 10/5/2023 11:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	83.3	%	0.1		1		10/9/2023 15:01	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	21	mg/Kg	1.3	0.26	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Arsenic	3.4	mg/Kg	0.60	0.098	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	
Selenium	U	mg/Kg	1.2	0.56	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	
Silver	U	mg/Kg	0.60	0.36	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Cadmium	0.48i	mg/Kg	0.60	0.11	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Barium	32	mg/Kg	1.3	0.26	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Mercury	0.75	mg/Kg	0.73	0.15	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Lead	58	mg/Kg	0.60	0.094	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4h



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961005** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-1 (0-0.5)** Date Collected: 10/5/2023 11:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	74.4	%	0.1		1		10/9/2023 15:08	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	37	mg/Kg	1.5	0.29	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Arsenic	6.2	mg/Kg	0.67	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Selenium	0.64i	mg/Kg	1.3	0.63	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Silver	0.48i	mg/Kg	0.67	0.40	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Cadmium	2.5	mg/Kg	0.67	0.12	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Barium	61	mg/Kg	1.5	0.30	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Mercury	0.92	mg/Kg	0.82	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Lead	280	mg/Kg	0.67	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961006** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-1 (0.5-2)** Date Collected: 10/5/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	73.6	%	0.1	1			10/9/2023 15:13	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	11	mg/Kg	1.5	0.30	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Arsenic	1.4	mg/Kg	0.68	0.11	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Selenium	U	mg/Kg	1.4	0.64	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Silver	U	mg/Kg	0.68	0.41	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Cadmium	0.17i	mg/Kg	0.68	0.13	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Barium	14	mg/Kg	1.5	0.30	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Mercury	U	mg/Kg	0.83	0.17	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Lead	32	mg/Kg	0.68	0.11	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961007** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-2 (0-0.5)** Date Collected: 10/5/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	77.5	%	0.1		1		10/9/2023 15:19	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	12	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Arsenic	2.0	mg/Kg	0.64	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Selenium	U	mg/Kg	1.3	0.60	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Silver	U	mg/Kg	0.64	0.39	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Cadmium	0.59i	mg/Kg	0.64	0.12	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Barium	19	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Mercury	U	mg/Kg	0.79	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Lead	240	mg/Kg	0.64	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961008** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-2 (0.5-2)** Date Collected: 10/5/2023 11:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	80.2	%	0.1		1		10/9/2023 15:23	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	70	mg/Kg	1.4	0.27	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Arsenic	7.2	mg/Kg	0.62	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Selenium	1.5	mg/Kg	1.2	0.58	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Silver	U	mg/Kg	0.62	0.37	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Cadmium	0.68	mg/Kg	0.62	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Barium	200	mg/Kg	1.4	0.27	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	L1
Mercury	1.8	mg/Kg	0.76	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Lead	130	mg/Kg	0.62	0.097	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961010** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3W-2 (0-0.5)** Date Collected: 10/5/2023 12:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
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Percent Solids (Dryweight)	77.4	%	0.1		1		10/9/2023 15:29	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
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					Analytical Method: EPA 6020				
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Chromium	17	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Arsenic	2.0	mg/Kg	0.65	0.11	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Selenium	U	mg/Kg	1.3	0.60	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Silver	U	mg/Kg	0.65	0.39	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Cadmium	0.71	mg/Kg	0.65	0.12	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Barium	26	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Mercury	0.47i	mg/Kg	0.79	0.16	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Lead	47	mg/Kg	0.65	0.10	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961011** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3S-1 (0-0.5)** Date Collected: 10/5/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	51.8	%	0.1		1		10/9/2023 15:39	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	52	mg/Kg	2.1	0.42	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Arsenic	10	mg/Kg	0.97	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Selenium	1.0i	mg/Kg	1.9	0.90	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Silver	U	mg/Kg	0.97	0.58	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Cadmium	5.3	mg/Kg	0.97	0.18	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Barium	120	mg/Kg	2.1	0.42	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Mercury	1.3	mg/Kg	1.2	0.24	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Lead	370	mg/Kg	0.97	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961012** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3S-2 (0-0.5)** Date Collected: 10/5/2023 12:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	53.3	%	0.1		1		10/9/2023 15:59	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	49	mg/Kg	2.0	0.41	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Arsenic	11	mg/Kg	0.94	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Selenium	U	mg/Kg	1.9	0.88	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Silver	0.62i	mg/Kg	0.94	0.56	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Cadmium	13	mg/Kg	0.94	0.17	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Barium	140	mg/Kg	2.1	0.41	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Mercury	2.3	mg/Kg	1.1	0.23	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Lead	920	mg/Kg	0.94	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961013** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2N-1 (0-0.5)** Date Collected: 10/5/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	1.07	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
2-Methylnaphthalene	U	mg/Kg	1.07	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Acenaphthene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Acenaphthylene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Anthracene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(a)anthracene	0.156i	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(a)pyrene	0.098i	mg/Kg	0.320	0.049	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(b)fluoranthene	0.121i	mg/Kg	0.320	0.069	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Chrysene	0.095i	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Dibenzo(a,h)anthracene	0.032i	mg/Kg	0.320	0.027	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Fluoranthene	0.234i	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Fluorene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Naphthalene	U	mg/Kg	1.07	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Phenanthrene	U	mg/Kg	0.533	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Pyrene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Nitrobenzene-d5 (S)	88	%	20-150		1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
2-Fluorobiphenyl (S)	85	%	30-150		1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
p-Terphenyl-d14 (S)	74	%	15-150		1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	63.3	%	0.1		1			10/9/2023 16:05	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	34	mg/Kg	1.7	0.34	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Arsenic	6.3	mg/Kg	0.79	0.13	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Selenium	U	mg/Kg	1.6	0.74	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Silver	U	mg/Kg	0.79	0.47	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Cadmium	2.0	mg/Kg	0.79	0.15	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Barium	70	mg/Kg	1.7	0.35	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Mercury	0.35i	mg/Kg	0.96	0.19	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Lead	130	mg/Kg	0.79	0.12	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961014** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2N-2 (0-0.5)** Date Collected: 10/5/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	1.05	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
2-Methylnaphthalene	U	mg/Kg	1.05	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Acenaphthene	U	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Acenaphthylene	U	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Anthracene	U	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(a)anthracene	0.274i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(a)pyrene	0.220i	mg/Kg	0.314	0.048	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(b)fluoranthene	0.281i	mg/Kg	0.314	0.068	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(g,h,i)perylene	0.185i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(k)fluoranthene	0.111i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Chrysene	0.225i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Dibenzo(a,h)anthracene	0.056i	mg/Kg	0.314	0.026	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Fluoranthene	0.417i	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Fluorene	U	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Indeno(1,2,3-cd)pyrene	0.255i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Naphthalene	U	mg/Kg	1.05	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Phenanthrene	U	mg/Kg	0.523	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Pyrene	0.308i	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Nitrobenzene-d5 (S)	84	%	20-150		1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
2-Fluorobiphenyl (S)	77	%	30-150		1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
p-Terphenyl-d14 (S)	68	%	15-150		1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	60.7	%	0.1		1			10/9/2023 15:59	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	42	mg/Kg	1.8	0.36	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Arsenic	17	mg/Kg	0.82	0.14	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Selenium	U	mg/Kg	1.6	0.77	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Silver	1.0	mg/Kg	0.82	0.49	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Cadmium	3.5	mg/Kg	0.82	0.15	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Barium	170	mg/Kg	1.8	0.36	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB L1
Mercury	1.1	mg/Kg	1.0	0.20	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Lead	430	mg/Kg	0.82	0.13	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961015** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2S-1** Date Collected: 10/5/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.783	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
2-Methylnaphthalene	U	mg/Kg	0.783	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Acenaphthene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Acenaphthylene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Anthracene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(a)anthracene	0.208i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(a)pyrene	0.138i	mg/Kg	0.235	0.036	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(b)fluoranthene	0.176i	mg/Kg	0.235	0.051	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(g,h,i)perylene	0.110i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(k)fluoranthene	0.097i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Chrysene	0.161i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Dibenzo(a,h)anthracene	0.033i	mg/Kg	0.235	0.020	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Fluoranthene	0.364i	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Fluorene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Indeno(1,2,3-cd)pyrene	0.159i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Naphthalene	U	mg/Kg	0.783	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Phenanthrene	U	mg/Kg	0.392	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Pyrene	0.245i	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Nitrobenzene-d5 (S)	89	%	20-150		1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
2-Fluorobiphenyl (S)	93	%	30-150		1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
p-Terphenyl-d14 (S)	85	%	15-150		1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	82.5	%	0.1		1			10/9/2023 16:04	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	13	mg/Kg	1.3	0.26	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Arsenic	6.5	mg/Kg	0.61	0.099	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Selenium	U	mg/Kg	1.2	0.57	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Silver	U	mg/Kg	0.61	0.36	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Cadmium	1.2	mg/Kg	0.61	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Barium	15	mg/Kg	1.3	0.27	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Mercury	U	mg/Kg	0.74	0.15	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Lead	57	mg/Kg	0.61	0.095	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961016** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2S-2** Date Collected: 10/5/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.749	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
2-Methylnaphthalene	U	mg/Kg	0.749	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Acenaphthene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Acenaphthylene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Anthracene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(a)anthracene	0.105i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(a)pyrene	0.081i	mg/Kg	0.225	0.034	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(b)fluoranthene	0.097i	mg/Kg	0.225	0.049	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(g,h,i)perylene	0.064i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Chrysene	0.098i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Dibenzo(a,h)anthracene	0.024i	mg/Kg	0.225	0.019	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Fluoranthene	0.187i	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Fluorene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Indeno(1,2,3-cd)pyrene	0.077i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Naphthalene	U	mg/Kg	0.749	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Phenanthrene	U	mg/Kg	0.374	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Pyrene	0.109i	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Nitrobenzene-d5 (S)	83	%	20-150		1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
2-Fluorobiphenyl (S)	87	%	30-150		1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
p-Terphenyl-d14 (S)	78	%	15-150		1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	87.4	%	0.1		1			10/9/2023 16:09	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	14	mg/Kg	1.2	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Arsenic	1.9	mg/Kg	0.57	0.094	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Selenium	U	mg/Kg	1.1	0.54	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Silver	U	mg/Kg	0.57	0.34	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Cadmium	0.41i	mg/Kg	0.57	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Barium	16	mg/Kg	1.3	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Mercury	U	mg/Kg	0.70	0.14	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Lead	53	mg/Kg	0.57	0.089	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961017** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2W-1** Date Collected: 10/5/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.726	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
2-Methylnaphthalene	U	mg/Kg	0.726	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Acenaphthene	0.383	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Acenaphthylene	U	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Anthracene	0.710	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(a)anthracene	2.10	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(a)pyrene	1.28	mg/Kg	0.218	0.033	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(b)fluoranthene	1.95	mg/Kg	0.218	0.047	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(g,h,i)perylene	0.964	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(k)fluoranthene	0.705	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Chrysene	1.65	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Dibenzo(a,h)anthracene	0.296	mg/Kg	0.218	0.018	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Fluoranthene	5.06	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Fluorene	0.323i	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Indeno(1,2,3-cd)pyrene	1.61	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Naphthalene	0.196i	mg/Kg	0.726	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Phenanthrene	3.26	mg/Kg	0.363	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Pyrene	3.37	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Nitrobenzene-d5 (S)	79	%	20-150		1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
2-Fluorobiphenyl (S)	84	%	30-150		1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
p-Terphenyl-d14 (S)	74	%	15-150		1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.5	%	0.1		1			10/9/2023 16:10	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	18	mg/Kg	1.3	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Arsenic	3.2	mg/Kg	0.58	0.095	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Selenium	U	mg/Kg	1.2	0.54	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Silver	U	mg/Kg	0.58	0.35	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Cadmium	0.59	mg/Kg	0.58	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Barium	47	mg/Kg	1.3	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Mercury	0.17i	mg/Kg	0.71	0.14	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Lead	110	mg/Kg	0.58	0.090	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961018** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2W-2** Date Collected: 10/5/2023 13:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.807	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
2-Methylnaphthalene	U	mg/Kg	0.807	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Acenaphthene	0.184i	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Acenaphthylene	U	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Anthracene	0.505	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(a)anthracene	2.88	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(a)pyrene	1.88	mg/Kg	0.242	0.037	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(b)fluoranthene	2.82	mg/Kg	0.242	0.052	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(g,h,i)perylene	1.35	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(k)fluoranthene	1.02	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Chrysene	2.34	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Dibenzo(a,h)anthracene	0.342	mg/Kg	0.242	0.020	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Fluoranthene	5.77	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Fluorene	0.135i	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Indeno(1,2,3-cd)pyrene	2.26	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Naphthalene	U	mg/Kg	0.807	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Phenanthrene	2.03	mg/Kg	0.403	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Pyrene	4.05	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Nitrobenzene-d5 (S)	80	%	20-150		1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
2-Fluorobiphenyl (S)	84	%	30-150		1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
p-Terphenyl-d14 (S)	74	%	15-150		1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	81.0	%	0.1		1			10/9/2023 16:16	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	35	mg/Kg	1.3	0.27	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Arsenic	4.4	mg/Kg	0.62	0.10	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Selenium	U	mg/Kg	1.2	0.58	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Silver	U	mg/Kg	0.62	0.37	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Cadmium	0.62	mg/Kg	0.62	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Barium	27	mg/Kg	1.4	0.27	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Mercury	0.58i	mg/Kg	0.75	0.15	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Lead	140	mg/Kg	0.62	0.096	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019** Date Received: 10/7/2023 12:15 Matrix: Aqueous Liquid
Sample ID: **7W** Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	96	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Toluene d8 (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-Bromofluorobenzene (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-DBCp	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB

Report ID: 2387961 - 3844116
10/16/2023

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CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019**

Date Received: 10/7/2023 12:15

Matrix: Aqueous Liquid

Sample ID: **7W**

Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chloroform		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019** Date Received: 10/7/2023 12:15 Matrix: Aqueous Liquid
Sample ID: **7W** Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	87	%	66-139		1	JL	10/10/2023 17:29	BFM	
Nonatriacontane (S)	61	%	40-129		1	JL	10/10/2023 17:29	BFM	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	JL	10/10/2023 17:29	BFM	

Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	11	ug/L	2.0	0.80	4	ECW	10/10/2023 15:10	DB	
Arsenic	2.5	ug/L	2.0	0.65	4	ECW	10/10/2023 15:10	DB	
Selenium	U	ug/L	4.0	2.1	4	ECW	10/10/2023 15:10	DB	
Silver	U	ug/L	2.0	0.80	4	ECW	10/10/2023 15:10	DB	
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/10/2023 15:10	DB	
Barium	38	ug/L	2.0	0.30	4	ECW	10/10/2023 15:10	DB	
Mercury	U	ug/L	2.0	0.73	4	ECW	10/10/2023 15:10	DB	
Lead	U	ug/L	2.0	1.2	4	ECW	10/10/2023 15:10	DB	

Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	1.1i	ug/L	2.0	0.80	4	ECW	10/10/2023 15:05	DB	
Arsenic	2.0	ug/L	2.0	0.65	4	ECW	10/10/2023 15:05	DB	
Selenium	U	ug/L	4.0	2.1	4	ECW	10/10/2023 15:05	DB	
Silver	U	ug/L	2.0	0.80	4	ECW	10/10/2023 15:05	DB	
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/10/2023 15:05	DB	
Barium	17	ug/L	2.0	0.30	4	ECW	10/10/2023 15:05	DB	
Mercury	U	ug/L	2.0	0.73	4	ECW	10/10/2023 15:05	DB	
Lead	U	ug/L	2.0	1.2	4	ECW	10/10/2023 15:05	DB	

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 21:42	BFM	
2-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 21:42	BFM	
Acenaphthene	U	ug/L	0.048	0.024	1	JL	10/10/2023 21:42	BFM	
Acenaphthylene	U	ug/L	0.048	0.024	1	JL	10/10/2023 21:42	BFM	
Anthracene	U	ug/L	0.048	0.024	1	JL	10/10/2023 21:42	BFM	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019**

Date Received: 10/7/2023 12:15

Matrix: Aqueous Liquid

Sample ID: **7W**

Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(a)pyrene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(b)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(g,h,i)perylene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(k)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Chrysene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Dibenzo(a,h)anthracene		U ug/L	0.048	0.0048	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Fluoranthene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Fluorene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Indeno(1,2,3-cd)pyrene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Naphthalene		U ug/L	0.096	0.048	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Phenanthrene		U ug/L	0.385	0.192	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Pyrene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Nitrobenzene-d5 (S)	92	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
2-Fluorobiphenyl (S)	88	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
p-Terphenyl-d14 (S)	96	%	30-140		1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387961

Project ID: Homestead Triangle

PARAMETER QUALIFIERS

- J4 MS/MSD precision exceeded control limits due to matrix interference. LCS/LCSD precision was within acceptable range
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).
- L2 Off-scale high. Reported value is above the calibration range and the instrument LDR (Linear Dynamic Range).

PROJECT COMMENTS

- 2387961 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	XXX/17837	Analysis Method:		EPA 8270/PAH SIM		
QC Batch Method:	EPA 3510C SIM					
Associated Lab Samples:	2387911018	2387911019	2387911021	2387911022	2387926001	2387926002
	2387926003	2387926004	2387926005	2387926006	2387926007	2387933032
	2387933033	2387933034	2387933035	2387961019	2387975001	

METHOD BLANK: 292649

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	85	30-110	
2-Fluorobiphenyl (S)	%	77	30-110	
p-Terphenyl-d14 (S)	%	82	30-140	
Naphthalene	ug/L	U	0.013	
2-Methylnaphthalene	ug/L	U	0.013	
1-Methylnaphthalene	ug/L	U	0.013	
Acenaphthylene	ug/L	U	0.00625	
Acenaphthene	ug/L	U	0.00625	
Fluorene	ug/L	U	0.00625	
Phenanthrene	ug/L	U	0.050	
Anthracene	ug/L	U	0.00625	
Fluoranthene	ug/L	0.012i	0.00625	V,V1
Pyrene	ug/L	U	0.00625	
Benzo(a)anthracene	ug/L	U	0.00625	
Chrysene	ug/L	U	0.00625	
Benzo(b)fluoranthene	ug/L	U	0.00375	
Benzo(k)fluoranthene	ug/L	U	0.00375	
Benzo(a)pyrene	ug/L	U	0.00375	
Dibenzo(a,h)anthracene	ug/L	U	0.00125	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.00375	
Benzo(g,h,i)perylene	ug/L	U	0.00375	

LABORATORY CONTROL SAMPLE & LCSD: 292650 292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				100	108	30-110	8		
2-Fluorobiphenyl (S)	%				90	101	30-110	11		
p-Terphenyl-d14 (S)	%				92	95	30-140	3		
Naphthalene	ug/L	0.201	0.188	0.193	94	96	30-140	3	40	
2-Methylnaphthalene	ug/L	0.201	0.188	0.191	94	95	30-140	2	40	
1-Methylnaphthalene	ug/L	0.202	0.190	0.192	94	95	30-140	1	40	
Acenaphthylene	ug/L	0.2	0.201	0.211	100	105	30-120	5	40	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292650

292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Fluorene	ug/L	0.2	0.204	0.186	102	93	30-140	9	40	
Phenanthrene	ug/L	0.202	0.182	0.194	90	96	30-120	6	40	
Anthracene	ug/L	0.2	0.177	0.191	89	95	30-140	8	40	
Fluoranthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Pyrene	ug/L	0.2	0.195	0.210	98	105	40-140	7	40	
Benzo(a)anthracene	ug/L	0.201	0.196	0.214	98	106	30-120	9	40	
Chrysene	ug/L	0.201	0.182	0.191	90	95	30-140	5	40	
Benzo(b)fluoranthene	ug/L	0.202	0.148	0.154	73	76	30-140	4	40	
Benzo(k)fluoranthene	ug/L	0.201	0.169	0.180	84	90	30-140	6	40	
Benzo(a)pyrene	ug/L	0.2	0.148	0.153	74	77	30-140	3	40	
Dibenzo(a,h)anthracene	ug/L	0.201	0.168	0.171	83	85	30-140	2	40	
Indeno(1,2,3-cd)pyrene	ug/L	0.201	0.179	0.180	89	90	30-140	0.6	40	
Benzo(g,h,i)perylene	ug/L	0.201	0.153	0.154	76	77	30-120	0.7	40	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	XXX/17839	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3510C					
Associated Lab Samples:	2387916009	2387916010	2387916011	2387916012	2387916013	2387932003
	2387933032	2387933033	2387933034	2387933035	2387961019	2387975001

METHOD BLANK: 292680

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	95	66-139	
Nonatriacontane (S)	%	67	40-129	
Florida Pro Total	mg/L	U	0.100	

LABORATORY CONTROL SAMPLE & LCSD: 292681 292682

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				92	92	66-139	0		
Nonatriacontane (S)	%				98	84	40-129	16		
Florida Pro Total	mg/L	0.678	0.540	0.568	80	84	66-119	5	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	XXX/17841	Analysis Method:		EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387933010	2387933011	2387933012	2387933013	2387933014	2387933015
	2387961013	2387961014	2387961015	2387961016	2387961017	2387961018

METHOD BLANK: 292710

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	100	20-150	
2-Fluorobiphenyl (S)	%	107	30-150	
p-Terphenyl-d14 (S)	%	102	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 292711 292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				102	99	20-150	3		
2-Fluorobiphenyl (S)	%				112	111	30-150	0.4		
p-Terphenyl-d14 (S)	%				98	96	15-150	3		
Naphthalene	mg/Kg	2.01	1.95	2.03	97	101	40-150	4	40	
2-Methylnaphthalene	mg/Kg	2.01	1.94	1.99	97	99	40-150	3	40	
1-Methylnaphthalene	mg/Kg	2.02	2.16	2.25	107	112	40-150	4	40	
Acenaphthylene	mg/Kg	2	2.07	2.13	103	106	40-150	3	40	
Acenaphthene	mg/Kg	2	2.16	2.22	108	111	35-150	3	40	

Report ID: 2387961 - 3844116
10/16/2023

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292711 292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Fluorene	mg/Kg	2	2.00	2.04	100	102	40-150	2	40	
Phenanthrene	mg/Kg	2.02	1.78	1.84	88	91	40-150	3	40	
Anthracene	mg/Kg	2	1.93	1.98	96	99	40-150	3	40	
Fluoranthene	mg/Kg	2	2.07	2.12	104	106	40-150	2	40	
Pyrene	mg/Kg	2	1.93	1.99	97	100	40-150	3	40	
Benzo(a)anthracene	mg/Kg	2.01	2.09	2.07	104	103	40-150	1	40	
Chrysene	mg/Kg	2.01	1.83	1.90	91	94	40-150	4	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.60	1.61	79	80	40-150	0.6	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.60	1.68	80	83	40-150	5	40	
Benzo(a)pyrene	mg/Kg	2	1.61	1.64	81	82	40-150	2	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.66	1.71	83	85	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.85	2.03	92	101	40-150	9	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.50	1.59	74	79	40-150	6	40	

MATRIX SPIKE SAMPLE: 292713

Original: 2387933010

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				90	20-150	
2-Fluorobiphenyl (S)	%				97	30-150	
p-Terphenyl-d14 (S)	%				84	15-150	
Naphthalene	mg/Kg	0.01	3.28	3.01	91	40-150	
2-Methylnaphthalene	mg/Kg	0	3.28	2.95	90	40-150	
1-Methylnaphthalene	mg/Kg	0	3.3	3.29	100	40-150	
Acenaphthylene	mg/Kg	0.073	3.28	3.12	93	40-150	
Acenaphthene	mg/Kg	0.013	3.27	3.25	99	35-150	
Fluorene	mg/Kg	0.027	3.28	3	91	40-150	
Phenanthrene	mg/Kg	0.191	3.3	2.91	83	40-150	
Anthracene	mg/Kg	0.056	3.28	2.92	87	40-150	
Fluoranthene	mg/Kg	0.547	3.28	3.67	95	40-150	
Pyrene	mg/Kg	0.431	3.27	3.27	87	40-150	
Benzo(a)anthracene	mg/Kg	0.297	3.29	3.3	91	40-150	
Chrysene	mg/Kg	0.288	3.29	2.84	78	40-150	
Benzo(b)fluoranthene	mg/Kg	0.356	3.3	2.45	64	40-150	
Benzo(k)fluoranthene	mg/Kg	0.118	3.28	2.29	66	40-150	
Benzo(a)pyrene	mg/Kg	0.233	3.27	2.54	70	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.058	3.29	2.4	71	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.344	3.29	3.02	81	40-150	
Benzo(g,h,i)perylene	mg/Kg	0.305	3.29	2.48	66	40-150	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292714

Original: 2387933013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2880		1		
2-Fluorobiphenyl (S)	%	3090		0.6		
p-Terphenyl-d14 (S)	%	2650		0.8		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	0.162	0.215i	4	40	
Acenaphthene	mg/Kg	U	U	0	40	P
Fluorene	mg/Kg	U	U	0	40	P
Phenanthrene	mg/Kg	0.375	0.786	48	40	P
Anthracene	mg/Kg	0.155	0.356i	57	40	P
Fluoranthene	mg/Kg	1.97	3.04	19	40	
Pyrene	mg/Kg	1.73	2.53	13	40	
Benzo(a)anthracene	mg/Kg	1.09	1.55	10	40	
Chrysene	mg/Kg	1.33	1.85	9	40	
Benzo(b)fluoranthene	mg/Kg	1.79	2.46	7	40	
Benzo(k)fluoranthene	mg/Kg	0.622	0.867	9	40	
Benzo(a)pyrene	mg/Kg	0.979	1.41	12	40	
Dibenzo(a,h)anthracene	mg/Kg	0.183	0.281	18	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.31	1.86	11	40	
Benzo(g,h,i)perylene	mg/Kg	0.882	1.20	6	40	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch: MXX/15673 Analysis Method: EPA 200.8 (Dissolved)
QC Batch Method: EPA 200.2 mod.
Associated Lab Samples: 2387961019

METHOD BLANK: 292761

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292762 292763

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	55	55	111	110	85-115	0	20	
Arsenic	ug/L	50	52	51	103	102	85-115	1.94	20	
Selenium	ug/L	50	48	47	95.4	94.3	85-115	2.11	20	
Silver	ug/L	50	51	52	103	105	85-115	1.94	20	
Cadmium	ug/L	50	49	51	97.9	101	85-115	4	20	
Barium	ug/L	50	52	52	103	105	85-115	0	20	
Mercury	ug/L	5	4.7	4.9	94.5	98.6	85-115	4.17	20	
Lead	ug/L	50	52	53	104	106	85-115	1.9	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15674	Analysis Method:		EPA 200.8 (Total)		
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387882001	2387961019	2387963001	2387963002	2387963003	2387963004
	2387963005	2387963006	2387963007	2387963008	2387963009	2387963010
	2387963011	2387963014	2387963015	2387963016	2387963017	2387963018

METHOD BLANK: 292764

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292765 292766

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	55	55	111	110	85-115	0	20	
Arsenic	ug/L	50	52	51	103	102	85-115	1.94	20	
Selenium	ug/L	50	48	47	95.4	94.3	85-115	2.11	20	
Silver	ug/L	50	51	52	103	105	85-115	1.94	20	
Cadmium	ug/L	50	49	51	97.9	101	85-115	4	20	
Barium	ug/L	50	52	52	103	105	85-115	0	20	
Mercury	ug/L	5	4.7	4.9	94.5	98.6	85-115	4.17	20	
Lead	ug/L	50	52	53	104	106	85-115	1.9	20	

MATRIX SPIKE SAMPLE: 292768 Original: 2387963006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	3.3	50	56	106	70-130	
Arsenic	ug/L	13	50	64	101	70-130	
Selenium	ug/L	0.52	50	49	97.9	70-130	
Silver	ug/L	0.53	50	32	63.2	70-130	J4
Cadmium	ug/L	0.02	50	50	100	70-130	
Barium	ug/L	27	50	79	104	70-130	
Mercury	ug/L	0.25	20	19	94.4	70-130	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292768

Original: 2387963006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	0.092	50	51	101	70-130	

SAMPLE DUPLICATE: 292767

Original: 2387963006

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	3.3	3.2	3.08	20	
Arsenic	ug/L	13	13	0	20	
Selenium	ug/L	U	U	0	20	P1
Silver	ug/L	U	U	0	20	
Cadmium	ug/L	U	U	0	20	
Barium	ug/L	27	28	3.64	20	
Mercury	ug/L	U	U	0	20	
Lead	ug/L	U	U	0	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	VXX/11984	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5030B					
Associated Lab Samples:	2387911023	2387932001	2387932003	2387933032	2387933033	2387933034
	2387933035	2387938001	2387938002	2387961019	2388012001	

METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	70-130	
Toluene d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	98	70-130	
Dichlorodifluoromethane	ug/L	U	0.400	
Chloromethane	ug/L	U	2.50	
Vinyl chloride	ug/L	U	0.400	
Bromomethane	ug/L	U	4.00	
Chloroethane	ug/L	U	0.400	
Trichlorofluoromethane	ug/L	U	0.400	
Acrolein	ug/L	U	8.70	
Acetone	ug/L	U	5.00	
1,1-Dichloroethene	ug/L	U	0.400	
Iodomethane	ug/L	U	0.460	
Acrylonitrile	ug/L	U	4.20	
Methylene chloride	ug/L	U	2.00	
Carbon disulfide	ug/L	U	0.400	
trans-1,2-Dichloroethene	ug/L	U	0.400	
tert-Butyl methyl ether (MTBE)	ug/L	U	0.400	
1,1-Dichloroethane	ug/L	U	0.400	
Vinyl acetate	ug/L	U	0.400	
Methyl ethyl ketone (MEK)	ug/L	U	0.640	
cis-1,2-Dichloroethene	ug/L	U	0.400	
Bromochloromethane	ug/L	U	0.400	
Chloroform	ug/L	U	0.400	
2,2-Dichloropropane	ug/L	U	0.400	
1,2-Dichloroethane	ug/L	U	0.400	
1,1,1-Trichloroethane	ug/L	U	0.400	
1,1-Dichloropropene	ug/L	U	0.400	
Carbon tetrachloride	ug/L	U	0.400	
Benzene	ug/L	U	0.400	
Dibromomethane	ug/L	U	0.400	
1,2-Dichloropropane	ug/L	U	0.400	
Trichloroethene	ug/L	U	0.400	
Bromodichloromethane	ug/L	U	0.400	
cis-1,3-Dichloropropene	ug/L	U	0.400	
4-methyl-2-pentanone	ug/L	U	0.400	
trans-1,3-Dichloropropene	ug/L	U	0.400	

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QUALITY CONTROL DATA

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Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,2-Trichloroethane	ug/L	U	0.400	
Toluene	ug/L	U	0.400	
1,3-Dichloropropane	ug/L	U	0.400	
Ethyl methacrylate	ug/L	U	0.400	
Dibromochloromethane	ug/L	U	0.400	
2-Hexanone	ug/L	U	0.400	
1,2-Dibromoethane (EDB)	ug/L	U	0.400	
Tetrachloroethene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.400	
Chlorobenzene	ug/L	U	0.400	
Ethylbenzene	ug/L	U	0.400	
m & p-xylene	ug/L	U	0.400	
Bromoform	ug/L	U	0.550	
t-1,4-Dichloro-2-butene	ug/L	U	0.410	
Styrene	ug/L	U	0.400	
1,1,1,2,2-Tetrachloroethane	ug/L	U	0.200	
o-Xylene	ug/L	U	0.400	
1,2,3-Trichloropropane	ug/L	U	0.400	
cis-1,4-Dichloro-2-butene	ug/L	U	0.440	
Isopropylbenzene (Cumene)	ug/L	U	0.400	
Bromobenzene	ug/L	U	0.400	
n-propylbenzene	ug/L	U	0.400	
2-Chlorotoluene	ug/L	U	0.400	
1,3,5-Trimethylbenzene	ug/L	U	0.400	
4-Chlorotoluene	ug/L	U	0.400	
tert-Butylbenzene	ug/L	U	0.400	
1,2,4-Trimethylbenzene	ug/L	U	0.400	
sec-Butylbenzene	ug/L	U	0.400	
1,3-Dichlorobenzene	ug/L	U	0.400	
1,4-Dichlorobenzene	ug/L	U	0.400	
4-Isopropyltoluene	ug/L	U	0.400	
1,2-Dichlorobenzene	ug/L	U	0.400	
n-Butylbenzene	ug/L	U	0.400	
1,2-DBCP	ug/L	U	0.550	
1,2,4-Trichlorobenzene	ug/L	U	1.00	
Naphthalene	ug/L	U	2.00	
Hexachlorobutadiene	ug/L	U	1.00	
1,2,3-Trichlorobenzene	ug/L	U	0.400	
Xylenes- Total	ug/L	U	0.800	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	95	-	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Bromofluorobenzene (S)	%	98	-	
Benzene	ug/L	U	4.00	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	94	-	
4-Bromofluorobenzene (S)	%	98	-	
Benzene	ug/L	U	4.00	

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	100	70-130	3	25	
Toluene d8 (S)	%				96	97	70-130	0.5	25	
4-Bromofluorobenzene (S)	%				101	102	70-130	0.5	25	
Dichlorodifluoromethane	ug/L	50	35.8	35.8	72	72	60-130	0	25	
Chloromethane	ug/L	50	43.4	36.7	87	73	60-130	17	25	
Vinyl chloride	ug/L	50	45.4	42.5	91	85	70-130	7	25	
Bromomethane	ug/L	50	37.0	37.8	74	76	60-130	2	25	
Chloroethane	ug/L	50	48.6	50.6	97	101	70-130	4	25	
Trichlorofluoromethane	ug/L	50	40.4	40.6	81	81	70-130	0.5	25	
Acetone	ug/L	50.2	41.6	44.8	83	89	60-130	7	25	
1,1-Dichloroethene	ug/L	50	41.9	43.2	84	86	70-130	3	25	
Iodomethane	ug/L	50	30.7	37.5	61	75	60-130	20	25	
Methylene chloride	ug/L	50	40.5	40.0	81	80	60-130	1	25	
Carbon disulfide	ug/L	50	42.6	43.2	85	86	60-130	1	25	
trans-1,2-Dichloroethene	ug/L	50	42.5	43.9	85	88	70-130	3	25	
tert-Butyl methyl ether (MTBE)	ug/L	50	41.9	42.9	84	86	70-130	2	25	
1,1-Dichloroethane	ug/L	50	40.3	41.7	81	83	70-130	3	25	
Vinyl acetate	ug/L	50	61.9	58.4	124	117	60-130	6	25	
Methyl ethyl ketone (MEK)	ug/L	50.2	39.8	37.9	79	75	70-130	5	25	
cis-1,2-Dichloroethene	ug/L	50	46.1	47.7	92	95	70-130	3	25	
Bromochloromethane	ug/L	50	45.5	46.3	91	93	70-130	2	25	
Chloroform	ug/L	50	45.9	47.5	92	95	70-130	3	25	
2,2-Dichloropropane	ug/L	50	48.3	48.5	97	97	50-130	0.4	25	
1,2-Dichloroethane	ug/L	50	39.6	39.7	79	79	70-130	0.3	25	
1,1,1-Trichloroethane	ug/L	50	45.2	47.0	90	94	70-130	4	25	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	50	46.6	47.2	93	94	70-130	1	25	
Carbon tetrachloride	ug/L	50	45.5	46.7	91	93	60-130	3	25	
Benzene	ug/L	50	47.4	48.3	95	97	70-130	2	25	
Dibromomethane	ug/L	50	45.3	46.3	91	93	70-130	2	25	
1,2-Dichloropropane	ug/L	50	44.5	45.8	89	92	70-130	3	25	
Trichloroethene	ug/L	50	41.5	43.2	83	86	70-130	4	25	
Bromodichloromethane	ug/L	50	45.9	47.6	92	95	70-130	4	25	
cis-1,3-Dichloropropene	ug/L	50	50.4	51.7	101	103	60-130	3	25	
4-methyl-2-pentanone	ug/L	50.1	38.3	37.7	76	75	60-130	2	25	
trans-1,3-Dichloropropene	ug/L	50	40.8	42.2	82	84	60-130	3	25	
1,1,2-Trichloroethane	ug/L	50	46.2	47.3	92	95	70-130	2	25	
Toluene	ug/L	50	51.9	52.7	104	105	70-130	2	25	
1,3-Dichloropropane	ug/L	50	50.8	51.8	102	104	70-130	2	25	
Ethyl methacrylate	ug/L	50	53.8	55.6	108	111	70-130	3	25	
Dibromochloromethane	ug/L	50	54.0	55.0	108	110	70-130	2	25	
2-Hexanone	ug/L	50.1	46.1	44.0	92	88	70-130	5	25	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	52.8	105	106	70-130	1	25	
Tetrachloroethene	ug/L	50	38.9	44.0	78	88	70-130	12	25	
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	53.0	105	106	70-130	0.8	25	
Chlorobenzene	ug/L	50	51.9	53.5	104	107	70-130	3	25	
Ethylbenzene	ug/L	50	53.9	54.8	108	110	70-130	2	25	
m & p-xylene	ug/L	100	107	109	107	109	70-130	2	25	
Bromoform	ug/L	50	43.9	45.0	88	90	70-130	2	25	
t-1,4-Dichloro-2-butene	ug/L	50	50.9	50.8	102	102	60-130	0.2	25	
Styrene	ug/L	50	54.7	54.3	109	109	70-130	0.7	25	
1,1,2,2-Tetrachloroethane	ug/L	50	56.6	55.9	113	112	70-130	1	25	
o-Xylene	ug/L	50	52.7	52.9	105	106	70-130	0.4	25	
1,2,3-Trichloropropane	ug/L	50	49.2	48.5	98	97	70-130	1	25	
cis-1,4-Dichloro-2-butene	ug/L	50	46.5	44.1	93	88	60-130	5	25	
Isopropylbenzene (Cumene)	ug/L	50	51.2	51.9	102	104	70-130	1	25	
Bromobenzene	ug/L	50	54.5	56.6	109	113	70-130	4	25	
n-propylbenzene	ug/L	50	57.3	59.2	115	118	70-130	3	25	
2-Chlorotoluene	ug/L	50	55.4	56.5	111	113	70-130	2	25	
1,3,5-Trimethylbenzene	ug/L	50	56.7	58.0	113	116	70-130	2	25	
4-Chlorotoluene	ug/L	50	56.4	57.3	113	115	70-130	2	25	
tert-Butylbenzene	ug/L	50	55.2	57.5	110	115	70-130	4	25	
1,2,4-Trimethylbenzene	ug/L	50	56.6	58.4	113	117	70-130	3	25	
sec-Butylbenzene	ug/L	50	56.2	58.3	112	117	70-130	4	25	
1,3-Dichlorobenzene	ug/L	50	54.0	55.1	108	110	70-130	2	25	
1,4-Dichlorobenzene	ug/L	50	53.2	55.2	106	110	70-130	4	25	
4-Isopropyltoluene	ug/L	50	56.3	57.5	113	115	70-130	2	25	
1,2-Dichlorobenzene	ug/L	50	55.4	56.9	111	114	70-130	3	25	
n-Butylbenzene	ug/L	50	58.4	59.9	117	120	70-130	3	25	
1,2-DBC	ug/L	50	53.0	53.0	106	106	60-130	0	25	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	52.6	53.6	105	107	70-130	2	25	
Naphthalene	ug/L	50	53.1	52.7	106	105	70-130	0.8	25	
Hexachlorobutadiene	ug/L	50	54.6	55.4	109	111	70-130	1	25	
1,2,3-Trichlorobenzene	ug/L	50	57.3	57.1	115	114	70-130	0.3	25	
Xylenes- Total	ug/L	150	160	162	106	108	70-130	1	25	

LABORATORY CONTROL SAMPLE & LCSD: 292967 292968

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	96	70-130	2	25	
Toluene d8 (S)	%				96	96	70-130	0.3	25	
4-Bromofluorobenzene (S)	%				97	100	70-130	3	25	
Acrolein	ug/L	250	168	161	67	64	60-130	4	25	
Acrylonitrile	ug/L	250	181	176	73	70	60-130	3	25	

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	38.3		0.8	25	
Toluene d8 (S)	%	38.3		0	25	
4-Bromofluorobenzene (S)	%	38.8		0.5	25	
Dichlorodifluoromethane	ug/L	U	U	0	25	
Chloromethane	ug/L	U	U	0	25	
Vinyl chloride	ug/L	U	U	0	25	
Bromomethane	ug/L	U	U	0	25	
Chloroethane	ug/L	U	U	0	25	
Trichlorofluoromethane	ug/L	U	U	0	25	
Acrolein	ug/L	U	U	0	25	
Acetone	ug/L	U	U	0	25	
1,1-Dichloroethene	ug/L	U	U	0	25	
Iodomethane	ug/L	U	U	0	25	
Acrylonitrile	ug/L	U	U	0	25	
Methylene chloride	ug/L	U	U	0	25	
Carbon disulfide	ug/L	U	U	0	25	
trans-1,2-Dichloroethene	ug/L	U	U	0	25	
tert-Butyl methyl ether (MTBE)	ug/L	U	U	0	25	

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FDOH# E86546

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ug/L	U	U	0	25	
Vinyl acetate	ug/L	U	U	0	25	
Methyl ethyl ketone (MEK)	ug/L	U	U	0	25	
cis-1,2-Dichloroethene	ug/L	U	U	0	25	
Bromochloromethane	ug/L	U	U	0	25	
Chloroform	ug/L	U	U	0	25	
2,2-Dichloropropane	ug/L	U	U	0	25	
1,2-Dichloroethane	ug/L	U	U	0	25	
1,1,1-Trichloroethane	ug/L	U	U	0	25	
1,1-Dichloropropene	ug/L	U	U	0	25	
Carbon tetrachloride	ug/L	U	U	0	25	
Benzene	ug/L	U	U	0	25	
Dibromomethane	ug/L	U	U	0	25	
1,2-Dichloropropane	ug/L	U	U	0	25	
Trichloroethene	ug/L	U	U	0	25	
Bromodichloromethane	ug/L	U	U	0	25	
cis-1,3-Dichloropropene	ug/L	U	U	0	25	
4-methyl-2-pentanone	ug/L	U	U	0	25	
trans-1,3-Dichloropropene	ug/L	U	U	0	25	
1,1,2-Trichloroethane	ug/L	U	U	0	25	
Toluene	ug/L	U	U	0	25	
1,3-Dichloropropane	ug/L	U	U	0	25	
Ethyl methacrylate	ug/L	U	U	0	25	
Dibromochloromethane	ug/L	U	U	0	25	
2-Hexanone	ug/L	U	U	0	25	
1,2-Dibromoethane (EDB)	ug/L	U	U	0	25	
Tetrachloroethene	ug/L	2.5	2.42	3	25	
1,1,1,2-Tetrachloroethane	ug/L	U	U	0	25	
Chlorobenzene	ug/L	U	U	0	25	
Ethylbenzene	ug/L	U	U	0	25	
m & p-xylene	ug/L	0.55	0.490i	12	25	
Bromoform	ug/L	U	U	0	25	
t-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Styrene	ug/L	U	U	0	25	
1,1,2,2-Tetrachloroethane	ug/L	U	U	0	25	
o-Xylene	ug/L	U	U	0	25	
1,2,3-Trichloropropane	ug/L	U	U	0	25	
cis-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Isopropylbenzene (Cumene)	ug/L	U	U	0	25	
Bromobenzene	ug/L	U	U	0	25	
n-propylbenzene	ug/L	U	U	0	25	
2-Chlorotoluene	ug/L	U	U	0	25	
1,3,5-Trimethylbenzene	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
4-Chlorotoluene	ug/L	U	U	0	25	
tert-Butylbenzene	ug/L	U	U	0	25	
1,2,4-Trimethylbenzene	ug/L	U	U	0	25	
sec-Butylbenzene	ug/L	U	U	0	25	
1,3-Dichlorobenzene	ug/L	U	U	0	25	
1,4-Dichlorobenzene	ug/L	U	U	0	25	
4-Isopropyltoluene	ug/L	U	U	0	25	
1,2-Dichlorobenzene	ug/L	U	U	0	25	
n-Butylbenzene	ug/L	U	U	0	25	
1,2-DCBP	ug/L	U	U	0	25	
1,2,4-Trichlorobenzene	ug/L	U	U	0	25	
Naphthalene	ug/L	U	U	0	25	
Hexachlorobutadiene	ug/L	U	U	0	25	
1,2,3-Trichlorobenzene	ug/L	U	U	0	25	
Xylenes- Total	ug/L	U	U	0	25	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15688	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387951001	2387951002	2387951003	2387951004	2387951005	2387951006
	2387951007	2387961001	2387961002	2387961003	2387961004	

METHOD BLANK: 293134

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 293135 293136

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.6	9.7	96.5	97.3	80-120	1.04	20	
Arsenic	mg/Kg	10	9.5	9.5	95.3	95	80-120	0	20	
Selenium	mg/Kg	10	9.5	9.2	94.9	92.2	80-120	3.21	20	
Silver	mg/Kg	10	9.5	9.6	95.2	95.8	80-120	1.05	20	
Cadmium	mg/Kg	10	9.4	9.4	93.6	94.1	80-120	0	20	
Barium	mg/Kg	10	9.8	9.7	97.6	96.9	80-120	1.03	20	
Mercury	mg/Kg	1.3	1.1	1.1	88.6	89.9	80-120	0	20	
Lead	mg/Kg	10	9.4	9.4	94.4	94.5	80-120	0	20	

MATRIX SPIKE SAMPLE: 293138 Original: 2387961004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	17	20	46	144	75-125	J4
Arsenic	mg/Kg	2.9	20	26	115	75-125	
Selenium	mg/Kg	0.2	20	21	106	75-125	
Silver	mg/Kg	0.15	20	25	126	75-125	J4
Cadmium	mg/Kg	0.4	20	26	130	75-125	J4
Barium	mg/Kg	27	20	68	206	75-125	J4
Mercury	mg/Kg	0.63	2.5	4.7	161	75-125	J4
Lead	mg/Kg	48	20	98	251	75-125	J4h

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 293137

Original: 2387961004

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	17	22	11.1	20	
Arsenic	mg/Kg	2.9	3.6	3.39	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.4	0.52i	9.52	20	
Barium	mg/Kg	27	34	3.64	20	
Mercury	mg/Kg	0.63	0.83	9.09	20	
Lead	mg/Kg	48	62	6.06	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15691	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387961005	2387961006	2387961007	2387961008	2387961009	2387961010
	2387961011	2387961012	2387961013	2387961014	2387961015	2387961016
	2387961017	2387961018				

METHOD BLANK: 293186

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 293187 293188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.7	9.7	97.3	97.2	80-120	0	20	
Arsenic	mg/Kg	10	9.4	9.4	94.4	94.1	80-120	0	20	
Selenium	mg/Kg	10	9.3	9.2	92.7	91.6	80-120	1.08	20	
Silver	mg/Kg	10	9.4	9.4	93.6	93.5	80-120	0	20	
Cadmium	mg/Kg	10	9.3	9.1	92.6	91.5	80-120	2.17	20	
Barium	mg/Kg	10	9.7	9.7	97.4	96.6	80-120	0	20	
Mercury	mg/Kg	1.3	1.1	1.1	89.5	90.9	80-120	0	20	
Lead	mg/Kg	10	9.4	9.3	94.1	93	80-120	1.07	20	

MATRIX SPIKE SAMPLE: 293190 Original: 2387976006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	1.7	20	22	103	75-125	
Arsenic	mg/Kg	0.27	20	21	102	75-125	
Selenium	mg/Kg	0.12	20	20	98.5	75-125	
Silver	mg/Kg	0.017	20	20	100	75-125	
Cadmium	mg/Kg	0.043	20	20	98.5	75-125	
Barium	mg/Kg	1.9	20	23	104	75-125	
Mercury	mg/Kg	0.016	2.5	2.4	94	75-125	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 293190

Original: 2387976006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/Kg	1	20	21	98.2	75-125	

SAMPLE DUPLICATE: 293189

Original: 2387976006

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	1.7	1.8	0	20	
Arsenic	mg/Kg	0.27	0.29i	0	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	U	U	0	20	
Barium	mg/Kg	1.9	2.0	0	20	
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	1	1.1	0	20	



QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387961

Project ID: Homestead Triangle

QUALITY CONTROL PARAMETER QUALIFIERS

- J4 MS/MSD precision exceeded control limits due to matrix interference. LCS/LCSD precision was within acceptable range
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- P Results vary by more than allowed by precision requirement for method.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.
- V Indicates that the analyte was detected in both the sample and the associated method blank.
- V1 Indicates that the analyte was detected in the method blank but was not detected in the associated sample(s).



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387961019	7W	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387961019	7W	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6211
2387961001	SB-3N-1 (0-0.5)	SM 2540G	WGR/6028		
2387961002	SB-3N-1 (0.5-2)	SM 2540G	WGR/6028		
2387961003	SB-3N-2 (0-0.5)	SM 2540G	WGR/6028		
2387961004	SB-3N-2 (0.5-2)	SM 2540G	WGR/6028		
2387961005	SB-3E-1 (0-0.5)	SM 2540G	WGR/6028		
2387961006	SB-3E-1 (0.5-2)	SM 2540G	WGR/6028		
2387961007	SB-3E-2 (0-0.5)	SM 2540G	WGR/6028		
2387961008	SB-3E-2 (0.5-2)	SM 2540G	WGR/6028		
2387961009	SB-3W-1 (0-0.5)	SM 2540G	WGR/6028		
2387961010	SB-3W-2 (0-0.5)	SM 2540G	WGR/6028		
2387961011	SB-3S-1 (0-0.5)	SM 2540G	WGR/6028		
2387961012	SB-3S-2 (0-0.5)	SM 2540G	WGR/6028		
2387961013	SB-2N-1 (0-0.5)	SM 2540G	WGR/6028		
2387961014	SB-2N-2 (0-0.5)	SM 2540G	WGR/6028		
2387961015	SB-2S-1	SM 2540G	WGR/6028		
2387961016	SB-2S-2	SM 2540G	WGR/6028		
2387961017	SB-2W-1	SM 2540G	WGR/6028		
2387961018	SB-2W-2	SM 2540G	WGR/6028		
2387961013	SB-2N-1 (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387961014	SB-2N-2 (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387961015	SB-2S-1	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387961016	SB-2S-2	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991
2387961017	SB-2W-1	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991
2387961018	SB-2W-2	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387961019	7W	EPA 200.2 mod.	MXX/15673	EPA 200.8 (Dissolved)	MMS/13925
2387961019	7W	EPA 200.2 mod.	MXX/15674	EPA 200.8 (Total)	MMS/13925
2387961019	7W	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387961001	SB-3N-1 (0-0.5)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961002	SB-3N-1 (0.5-2)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961003	SB-3N-2 (0-0.5)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961004	SB-3N-2 (0.5-2)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961005	SB-3E-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961006	SB-3E-1 (0.5-2)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961007	SB-3E-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961008	SB-3E-2 (0.5-2)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961009	SB-3W-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961010	SB-3W-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961011	SB-3S-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961012	SB-3S-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961013	SB-2N-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961014	SB-2N-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961015	SB-2S-1	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961016	SB-2S-2	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961017	SB-2W-1	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961018	SB-2W-2	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938



Company Name Stantec			LAB ANALYSIS										Requested Turnaround Time Note: Rush requests subject to acceptance by the laboratory ___ Standard ___ Expedited Due ___/___/___
Address			Parameters	Pres Codes	RCRA 8 Metals	PAHs 8270	RCRA 8 Metals Dis	RCRA 8 Metals Tot	8260 VOCs	TRPH FLPRO	Field Filtered (Y/N)		
City _____ State _____ Zip _____													
Sampling Site Address													
Attn: Kevin Yue Email _____													
Project Name Homestead Triangle Project # _____													
Sampler Name/Signature E. Gonzalez													

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	RCRA 8 Metals	PAHs 8270	RCRA 8 Metals Dis	RCRA 8 Metals Tot	8260 VOCs	TRPH FLPRO	Field Filtered (Y/N)	Comments
1	SB-3S-1(0-0.5)	10/5/23	1210	S	1	X							
2	SB-3S-2(0-0.5)		1220			X							
3	SB-2N-1(0-0.5)		1250			X	X						
4	SB-2N-2(0-0.5)		1300			X	X						
5	SB-2S-1		1310			X	X						
6	SB-2S-2		1320			X	X						
7	SB-2W-1		1330			X	X						
8	SB-2W-2		1340			X	X						
9	7W		1410	GW	7		X	X	X	X	X		
0													

Matrix Codes*		Pres Codes		Relinquished by		Date	Time	Received by		Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	 E. Gonzalez FLX		10/6/23	1240	 E. Gonzalez		10/6/23	1240
GW Ground Water	SL Sludge	B- HNO ₃	O- Other			10-6-23	1400			 E. Gonzalez	
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH								
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃								
		E- HCl	Z- ZnAc								

QA/QC level with report
 None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 4 °C

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG: 2387961	Profile: 4527
Client: Stantec	Project: K. Yue
Level: 1	Date Rec'd: 10/7/2023 12:15:00 PM
Rec'd via: courier	

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	4.0	19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	Yes	Written on Internal COC?	No
pH Strip Lot #	HC205981	Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #	25371,22633	Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	No
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	No
Number of Encores	0	Number of Lab Filtered Metals	1

Samples Labeled by KS o 10/9/2023 Labels Confirmed by AOJ o 10/9/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
-----------	-----	----------	----------

October 25, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2387961
Project ID: Homestead Triangle

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Saturday, October 07, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Genesis De Sousa for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387961001	SB-3N-1 (0-0.5)	EPA 1311/200.8	3
		EPA 6020	8
		SM 2540G	1
2387961002	SB-3N-1 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961003	SB-3N-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961004	SB-3N-2 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961005	SB-3E-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961006	SB-3E-1 (0.5-2)	EPA 6020	8
		SM 2540G	1
2387961007	SB-3E-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961008	SB-3E-2 (0.5-2)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961009	SB-3W-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961010	SB-3W-2 (0-0.5)	EPA 6020	8
		SM 2540G	1
2387961011	SB-3S-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961012	SB-3S-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		SM 2540G	1
2387961013	SB-2N-1 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8



SAMPLE ANALYTE COUNT

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	Method	Analytes Reported
2387961013	SB-2N-1 (0-0.5)	EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961014	SB-2N-2 (0-0.5)	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961015	SB-2S-1	EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961016	SB-2S-2	EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961017	SB-2W-1	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961018	SB-2W-2	EPA 1311/200.8	1
		EPA 6020	8
		EPA 8310 List by 8270E SIM (S)	21
		SM 2540G	1
2387961019	7W	EPA 200.8 (Dissolved)	8
		EPA 200.8 (Total)	8
		EPA 8260C	76
		EPA 8270/PAH SIM	21
		FL-PRO (GC)	3



SAMPLE SUMMARY

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2387961001	SB-3N-1 (0-0.5)	Soil/Solid	10/5/2023 10:50	10/7/2023 12:15
2387961002	SB-3N-1 (0.5-2)	Soil/Solid	10/5/2023 10:55	10/7/2023 12:15
2387961003	SB-3N-2 (0-0.5)	Soil/Solid	10/5/2023 11:05	10/7/2023 12:15
2387961004	SB-3N-2 (0.5-2)	Soil/Solid	10/5/2023 11:10	10/7/2023 12:15
2387961005	SB-3E-1 (0-0.5)	Soil/Solid	10/5/2023 11:20	10/7/2023 12:15
2387961006	SB-3E-1 (0.5-2)	Soil/Solid	10/5/2023 11:25	10/7/2023 12:15
2387961007	SB-3E-2 (0-0.5)	Soil/Solid	10/5/2023 11:35	10/7/2023 12:15
2387961008	SB-3E-2 (0.5-2)	Soil/Solid	10/5/2023 11:40	10/7/2023 12:15
2387961009	SB-3W-1 (0-0.5)	Soil/Solid	10/5/2023 11:50	10/7/2023 12:15
2387961010	SB-3W-2 (0-0.5)	Soil/Solid	10/5/2023 12:00	10/7/2023 12:15
2387961011	SB-3S-1 (0-0.5)	Soil/Solid	10/5/2023 12:10	10/7/2023 12:15
2387961012	SB-3S-2 (0-0.5)	Soil/Solid	10/5/2023 12:20	10/7/2023 12:15
2387961013	SB-2N-1 (0-0.5)	Soil/Solid	10/5/2023 12:50	10/7/2023 12:15
2387961014	SB-2N-2 (0-0.5)	Soil/Solid	10/5/2023 13:00	10/7/2023 12:15
2387961015	SB-2S-1	Soil/Solid	10/5/2023 13:10	10/7/2023 12:15
2387961016	SB-2S-2	Soil/Solid	10/5/2023 13:20	10/7/2023 12:15
2387961017	SB-2W-1	Soil/Solid	10/5/2023 13:30	10/7/2023 12:15
2387961018	SB-2W-2	Soil/Solid	10/5/2023 13:40	10/7/2023 12:15
2387961019	7W	Aqueous Liquid	10/5/2023 14:10	10/7/2023 12:15



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961001** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-1 (0-0.5)** Date Collected: 10/5/2023 10:50

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
Wet Chemistry										
Analysis Desc: 2540G Percent Solids (Dryweight)						Analytical Method: SM 2540G				
Percent Solids (Dryweight)	62.0	%	0.1		1			10/9/2023 14:53	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)						Preparation Method: EPA 3050B (mod)				
						Analytical Method: EPA 6020				
Chromium	120	mg/Kg	1.8	0.35	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	
Arsenic	22	mg/Kg	0.81	0.13	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	
Selenium	1.8	mg/Kg	1.6	0.75	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	
Silver	2.1	mg/Kg	0.81	0.48	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	
Cadmium	9.9	mg/Kg	0.81	0.15	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	
Barium	250	mg/Kg	1.8	0.35	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	L1
Mercury	5.9	mg/Kg	0.98	0.20	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	
Lead	730	mg/Kg	0.81	0.13	2	10/13/2023 14:42	ECW	10/13/2023 19:30	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS						Preparation Method: EPA 200.2 mod.				
						Analytical Method: EPA 1311/200.8				
Lead	0.0090	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW	10/25/2023 13:03	DB	
Chromium	0.0028i	mg/L	0.0080	0.00027	4	10/25/2023 11:26	ECW	10/25/2023 13:03	DB	
Mercury		U mg/L	0.0080	0.00073	4	10/25/2023 11:26	ECW	10/25/2023 13:03	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961002** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-1 (0.5-2)** Date Collected: 10/5/2023 10:55

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	80.8	%	0.1		1		10/9/2023 14:49	CT	
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	12	mg/Kg	1.3	0.27	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Arsenic	1.7	mg/Kg	0.62	0.10	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Selenium	U	mg/Kg	1.2	0.58	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Silver	U	mg/Kg	0.62	0.37	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Cadmium	0.27i	mg/Kg	0.62	0.11	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Barium	17	mg/Kg	1.4	0.27	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Mercury	0.35i	mg/Kg	0.76	0.15	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB
Lead	31	mg/Kg	0.62	0.097	2	10/13/2023 14:42	ECW	10/13/2023 19:34	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961003** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-2 (0-0.5)** Date Collected: 10/5/2023 11:05

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	57.3	%	0.1		1		10/9/2023 15:01	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	95	mg/Kg	1.9	0.38	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Arsenic	47	mg/Kg	0.87	0.14	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Selenium	U	mg/Kg	1.7	0.82	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Silver	1.2	mg/Kg	0.87	0.52	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Cadmium	15	mg/Kg	0.87	0.16	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Barium	260	mg/Kg	1.9	0.38	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	L1
Mercury	3.3	mg/Kg	1.1	0.21	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	
Lead	1100	mg/Kg	0.87	0.14	2	10/13/2023 14:42	ECW 10/13/2023 19:39	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.020	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:07	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961004** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3N-2 (0.5-2)** Date Collected: 10/5/2023 11:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	83.3	%	0.1		1		10/9/2023 15:01	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	21	mg/Kg	1.3	0.26	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Arsenic	3.4	mg/Kg	0.60	0.098	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	
Selenium	U	mg/Kg	1.2	0.56	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	
Silver	U	mg/Kg	0.60	0.36	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Cadmium	0.48i	mg/Kg	0.60	0.11	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Barium	32	mg/Kg	1.3	0.26	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Mercury	0.75	mg/Kg	0.73	0.15	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4
Lead	58	mg/Kg	0.60	0.094	2	10/13/2023 14:42	ECW 10/13/2023 19:43	DB	J4h



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961005** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-1 (0-0.5)** Date Collected: 10/5/2023 11:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	74.4	%	0.1		1		10/9/2023 15:08	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	37	mg/Kg	1.5	0.29	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Arsenic	6.2	mg/Kg	0.67	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Selenium	0.64i	mg/Kg	1.3	0.63	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Silver	0.48i	mg/Kg	0.67	0.40	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Cadmium	2.5	mg/Kg	0.67	0.12	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Barium	61	mg/Kg	1.5	0.30	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Mercury	0.92	mg/Kg	0.82	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	
Lead	280	mg/Kg	0.67	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:17	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0079i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:11	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961006** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-1 (0.5-2)** Date Collected: 10/5/2023 11:25

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	73.6	%	0.1	1			10/9/2023 15:13	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	11	mg/Kg	1.5	0.30	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Arsenic	1.4	mg/Kg	0.68	0.11	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Selenium	U	mg/Kg	1.4	0.64	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Silver	U	mg/Kg	0.68	0.41	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Cadmium	0.17i	mg/Kg	0.68	0.13	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Barium	14	mg/Kg	1.5	0.30	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Mercury	U	mg/Kg	0.83	0.17	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB
Lead	32	mg/Kg	0.68	0.11	2	10/13/2023 16:58	ECW	10/13/2023 22:21	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961007** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-2 (0-0.5)** Date Collected: 10/5/2023 11:35

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	77.5	%	0.1		1		10/9/2023 15:19	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	12	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Arsenic	2.0	mg/Kg	0.64	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Selenium	U	mg/Kg	1.3	0.60	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Silver	U	mg/Kg	0.64	0.39	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Cadmium	0.59i	mg/Kg	0.64	0.12	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Barium	19	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Mercury	U	mg/Kg	0.79	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	
Lead	240	mg/Kg	0.64	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:26	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.027	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:16	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961008** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3E-2 (0.5-2)** Date Collected: 10/5/2023 11:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	80.2	%	0.1		1		10/9/2023 15:23	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	70	mg/Kg	1.4	0.27	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Arsenic	7.2	mg/Kg	0.62	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Selenium	1.5	mg/Kg	1.2	0.58	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Silver	U	mg/Kg	0.62	0.37	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Cadmium	0.68	mg/Kg	0.62	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Barium	200	mg/Kg	1.4	0.27	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	L1
Mercury	1.8	mg/Kg	0.76	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	
Lead	130	mg/Kg	0.62	0.097	2	10/13/2023 16:58	ECW 10/13/2023 22:30	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0034i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:20	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961009** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3W-1 (0-0.5)** Date Collected: 10/5/2023 11:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	74.7	%	0.1		1		10/9/2023 15:25	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	33	mg/Kg	1.5	0.29	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	
Arsenic	5.2	mg/Kg	0.67	0.11	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	
Selenium	U	mg/Kg	1.3	0.63	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	
Silver	0.53i	mg/Kg	0.67	0.40	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	
Cadmium	5.4	mg/Kg	0.67	0.12	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	
Barium	190	mg/Kg	1.5	0.29	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	L1
Mercury	0.96	mg/Kg	0.82	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	
Lead	690	mg/Kg	0.67	0.10	2	10/13/2023 16:58	ECW 10/13/2023 22:35	DB	L2
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.032	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:25	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961010** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3W-2 (0-0.5)** Date Collected: 10/5/2023 12:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	77.4	%	0.1	1			10/9/2023 15:29	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	17	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Arsenic	2.0	mg/Kg	0.65	0.11	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Selenium	U	mg/Kg	1.3	0.60	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Silver	U	mg/Kg	0.65	0.39	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Cadmium	0.71	mg/Kg	0.65	0.12	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Barium	26	mg/Kg	1.4	0.28	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Mercury	0.47i	mg/Kg	0.79	0.16	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB
Lead	47	mg/Kg	0.65	0.10	2	10/13/2023 16:58	ECW	10/13/2023 22:39	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961011** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3S-1 (0-0.5)** Date Collected: 10/5/2023 12:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	51.8	%	0.1		1		10/9/2023 15:39	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	52	mg/Kg	2.1	0.42	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Arsenic	10	mg/Kg	0.97	0.16	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Selenium	1.0i	mg/Kg	1.9	0.90	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Silver	U	mg/Kg	0.97	0.58	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Cadmium	5.3	mg/Kg	0.97	0.18	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Barium	120	mg/Kg	2.1	0.42	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Mercury	1.3	mg/Kg	1.2	0.24	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	
Lead	370	mg/Kg	0.97	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:44	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0072i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:29	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961012** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-3S-2 (0-0.5)** Date Collected: 10/5/2023 12:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Wet Chemistry									
Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	53.3	%	0.1		1		10/9/2023 15:59	CT	
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
					Analytical Method: EPA 6020				
Chromium	49	mg/Kg	2.0	0.41	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Arsenic	11	mg/Kg	0.94	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Selenium	U	mg/Kg	1.9	0.88	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Silver	0.62i	mg/Kg	0.94	0.56	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Cadmium	13	mg/Kg	0.94	0.17	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Barium	140	mg/Kg	2.1	0.41	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Mercury	2.3	mg/Kg	1.1	0.23	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	
Lead	920	mg/Kg	0.94	0.15	2	10/13/2023 16:58	ECW 10/13/2023 22:48	DB	L1
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.029	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW 10/25/2023 13:34	DB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961013** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2N-1 (0-0.5)** Date Collected: 10/5/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	1.07	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
2-Methylnaphthalene	U	mg/Kg	1.07	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Acenaphthene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Acenaphthylene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Anthracene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(a)anthracene	0.156i	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(a)pyrene	0.098i	mg/Kg	0.320	0.049	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(b)fluoranthene	0.121i	mg/Kg	0.320	0.069	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(g,h,i)perylene	U	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Chrysene	0.095i	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Dibenzo(a,h)anthracene	0.032i	mg/Kg	0.320	0.027	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Fluoranthene	0.234i	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Fluorene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Indeno(1,2,3-cd)pyrene	U	mg/Kg	0.320	0.080	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Naphthalene	U	mg/Kg	1.07	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Phenanthrene	U	mg/Kg	0.533	0.267	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Pyrene	U	mg/Kg	0.533	0.133	1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
Nitrobenzene-d5 (S)	88	%	20-150		1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
2-Fluorobiphenyl (S)	85	%	30-150		1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM
p-Terphenyl-d14 (S)	74	%	15-150		1	10/10/2023 10:04	NI	10/10/2023 18:15	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	63.3	%	0.1		1			10/9/2023 16:05	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	34	mg/Kg	1.7	0.34	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Arsenic	6.3	mg/Kg	0.79	0.13	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Selenium	U	mg/Kg	1.6	0.74	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Silver	U	mg/Kg	0.79	0.47	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Cadmium	2.0	mg/Kg	0.79	0.15	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Barium	70	mg/Kg	1.7	0.35	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Mercury	0.35i	mg/Kg	0.96	0.19	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB
Lead	130	mg/Kg	0.79	0.12	2	10/13/2023 16:58	ECW	10/13/2023 22:53	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961013**

Date Received: 10/7/2023 12:15

Matrix: Soil/Solid

Sample ID: **SB-2N-1 (0-0.5)**

Date Collected: 10/5/2023 12:50

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0028i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW	10/25/2023 13:38	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961014** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2N-2 (0-0.5)** Date Collected: 10/5/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Semivolatiles by EPA 8270C									
Analysis Desc: PAH List by 8270 SIM (S)					Preparation Method: EPA 3545				
Analytical Method: EPA 8310 List by 8270E SIM (S)									
1-Methylnaphthalene		U mg/Kg	1.05	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
2-Methylnaphthalene		U mg/Kg	1.05	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Acenaphthene		U mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Acenaphthylene		U mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Anthracene		U mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(a)anthracene	0.274i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(a)pyrene	0.220i	mg/Kg	0.314	0.048	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(b)fluoranthene	0.281i	mg/Kg	0.314	0.068	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(g,h,i)perylene	0.185i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Benzo(k)fluoranthene	0.111i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Chrysene	0.225i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Dibenzo(a,h)anthracene	0.056i	mg/Kg	0.314	0.026	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Fluoranthene	0.417i	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Fluorene		U mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Indeno(1,2,3-cd)pyrene	0.255i	mg/Kg	0.314	0.078	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Naphthalene		U mg/Kg	1.05	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Phenanthrene		U mg/Kg	0.523	0.261	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Pyrene	0.308i	mg/Kg	0.523	0.131	1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
Nitrobenzene-d5 (S)	84	%	20-150		1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
2-Fluorobiphenyl (S)	77	%	30-150		1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM
p-Terphenyl-d14 (S)	68	%	15-150		1	10/10/2023 10:04	NI	10/10/2023 18:38	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)					Analytical Method: SM 2540G				
Percent Solids (Dryweight)	60.7	%	0.1		1			10/9/2023 15:59	CT
Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)					Preparation Method: EPA 3050B (mod)				
Analytical Method: EPA 6020									
Chromium	42	mg/Kg	1.8	0.36	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Arsenic	17	mg/Kg	0.82	0.14	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Selenium		U mg/Kg	1.6	0.77	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Silver	1.0	mg/Kg	0.82	0.49	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Cadmium	3.5	mg/Kg	0.82	0.15	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Barium	170	mg/Kg	1.8	0.36	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB L1
Mercury	1.1	mg/Kg	1.0	0.20	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB
Lead	430	mg/Kg	0.82	0.13	2	10/13/2023 16:58	ECW	10/13/2023 22:57	DB L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961014**

Date Received: 10/7/2023 12:15

Matrix: Soil/Solid

Sample ID: **SB-2N-2 (0-0.5)**

Date Collected: 10/5/2023 13:00

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0067i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW	10/25/2023 14:09	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961015** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
Sample ID: **SB-2S-1** Date Collected: 10/5/2023 13:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.783	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
2-Methylnaphthalene	U	mg/Kg	0.783	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Acenaphthene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Acenaphthylene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Anthracene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(a)anthracene	0.208i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(a)pyrene	0.138i	mg/Kg	0.235	0.036	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(b)fluoranthene	0.176i	mg/Kg	0.235	0.051	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(g,h,i)perylene	0.110i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Benzo(k)fluoranthene	0.097i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Chrysene	0.161i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Dibenzo(a,h)anthracene	0.033i	mg/Kg	0.235	0.020	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Fluoranthene	0.364i	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Fluorene	U	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Indeno(1,2,3-cd)pyrene	0.159i	mg/Kg	0.235	0.059	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Naphthalene	U	mg/Kg	0.783	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Phenanthrene	U	mg/Kg	0.392	0.196	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Pyrene	0.245i	mg/Kg	0.392	0.098	1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
Nitrobenzene-d5 (S)	89	%	20-150		1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
2-Fluorobiphenyl (S)	93	%	30-150		1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM
p-Terphenyl-d14 (S)	85	%	15-150		1	10/10/2023 10:04	NI	10/10/2023 19:01	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	82.5	%	0.1		1			10/9/2023 16:04	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	13	mg/Kg	1.3	0.26	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Arsenic	6.5	mg/Kg	0.61	0.099	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Selenium	U	mg/Kg	1.2	0.57	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Silver	U	mg/Kg	0.61	0.36	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Cadmium	1.2	mg/Kg	0.61	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Barium	15	mg/Kg	1.3	0.27	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Mercury	U	mg/Kg	0.74	0.15	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB
Lead	57	mg/Kg	0.61	0.095	2	10/13/2023 16:58	ECW	10/13/2023 23:24	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961016**

Date Received: 10/7/2023 12:15

Matrix: Soil/Solid

Sample ID: **SB-2S-2**

Date Collected: 10/5/2023 13:20

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.749	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
2-Methylnaphthalene	U	mg/Kg	0.749	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Acenaphthene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Acenaphthylene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Anthracene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(a)anthracene	0.105i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(a)pyrene	0.081i	mg/Kg	0.225	0.034	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(b)fluoranthene	0.097i	mg/Kg	0.225	0.049	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(g,h,i)perylene	0.064i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Benzo(k)fluoranthene	U	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Chrysene	0.098i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Dibenzo(a,h)anthracene	0.024i	mg/Kg	0.225	0.019	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Fluoranthene	0.187i	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Fluorene	U	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Indeno(1,2,3-cd)pyrene	0.077i	mg/Kg	0.225	0.056	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Naphthalene	U	mg/Kg	0.749	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Phenanthrene	U	mg/Kg	0.374	0.187	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Pyrene	0.109i	mg/Kg	0.374	0.094	1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
Nitrobenzene-d5 (S)	83	%	20-150		1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
2-Fluorobiphenyl (S)	87	%	30-150		1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM
p-Terphenyl-d14 (S)	78	%	15-150		1	10/10/2023 10:04	NI	10/11/2023 12:42	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	87.4	%	0.1		1			10/9/2023 16:09	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	14	mg/Kg	1.2	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Arsenic	1.9	mg/Kg	0.57	0.094	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Selenium	U	mg/Kg	1.1	0.54	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Silver	U	mg/Kg	0.57	0.34	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Cadmium	0.41i	mg/Kg	0.57	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Barium	16	mg/Kg	1.3	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Mercury	U	mg/Kg	0.70	0.14	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB
Lead	53	mg/Kg	0.57	0.089	2	10/13/2023 16:58	ECW	10/13/2023 23:29	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961017**

Date Received: 10/7/2023 12:15

Matrix: Soil/Solid

Sample ID: **SB-2W-1**

Date Collected: 10/5/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S)

Preparation Method: EPA 3545

Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.726	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
2-Methylnaphthalene	U	mg/Kg	0.726	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Acenaphthene	0.383	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Acenaphthylene	U	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Anthracene	0.710	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(a)anthracene	2.10	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(a)pyrene	1.28	mg/Kg	0.218	0.033	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(b)fluoranthene	1.95	mg/Kg	0.218	0.047	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(g,h,i)perylene	0.964	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Benzo(k)fluoranthene	0.705	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Chrysene	1.65	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Dibenzo(a,h)anthracene	0.296	mg/Kg	0.218	0.018	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Fluoranthene	5.06	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Fluorene	0.323i	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Indeno(1,2,3-cd)pyrene	1.61	mg/Kg	0.218	0.054	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Naphthalene	0.196i	mg/Kg	0.726	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Phenanthrene	3.26	mg/Kg	0.363	0.181	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Pyrene	3.37	mg/Kg	0.363	0.091	1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
Nitrobenzene-d5 (S)	79	%	20-150		1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
2-Fluorobiphenyl (S)	84	%	30-150		1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM
p-Terphenyl-d14 (S)	74	%	15-150		1	10/10/2023 10:04	NI	10/11/2023 13:05	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight)

Analytical Method: SM 2540G

Percent Solids (Dryweight)	86.5	%	0.1		1			10/9/2023 16:10	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S)

Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	18	mg/Kg	1.3	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Arsenic	3.2	mg/Kg	0.58	0.095	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Selenium	U	mg/Kg	1.2	0.54	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Silver	U	mg/Kg	0.58	0.35	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Cadmium	0.59	mg/Kg	0.58	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Barium	47	mg/Kg	1.3	0.25	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Mercury	0.17i	mg/Kg	0.71	0.14	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB
Lead	110	mg/Kg	0.58	0.090	2	10/13/2023 16:58	ECW	10/13/2023 23:33	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961017**

Date Received: 10/7/2023 12:15

Matrix: Soil/Solid

Sample ID: **SB-2W-1**

Date Collected: 10/5/2023 13:30

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0033i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW	10/25/2023 14:14	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961018** Date Received: 10/7/2023 12:15 Matrix: Soil/Solid
 Sample ID: **SB-2W-2** Date Collected: 10/5/2023 13:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (S) Preparation Method: EPA 3545
 Analytical Method: EPA 8310 List by 8270E SIM (S)

1-Methylnaphthalene	U	mg/Kg	0.807	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
2-Methylnaphthalene	U	mg/Kg	0.807	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Acenaphthene	0.184i	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Acenaphthylene	U	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Anthracene	0.505	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(a)anthracene	2.88	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(a)pyrene	1.88	mg/Kg	0.242	0.037	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(b)fluoranthene	2.82	mg/Kg	0.242	0.052	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(g,h,i)perylene	1.35	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Benzo(k)fluoranthene	1.02	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Chrysene	2.34	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Dibenzo(a,h)anthracene	0.342	mg/Kg	0.242	0.020	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Fluoranthene	5.77	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Fluorene	0.135i	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Indeno(1,2,3-cd)pyrene	2.26	mg/Kg	0.242	0.060	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Naphthalene	U	mg/Kg	0.807	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Phenanthrene	2.03	mg/Kg	0.403	0.202	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Pyrene	4.05	mg/Kg	0.403	0.101	1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
Nitrobenzene-d5 (S)	80	%	20-150		1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
2-Fluorobiphenyl (S)	84	%	30-150		1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM
p-Terphenyl-d14 (S)	74	%	15-150		1	10/10/2023 10:04	NI	10/11/2023 13:29	BFM

Wet Chemistry

Analysis Desc: 2540G Percent Solids (Dryweight) Analytical Method: SM 2540G

Percent Solids (Dryweight)	81.0	%	0.1	1	10/9/2023 16:16	CT
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Analysis Desc: EPA 6020 RCRA-8 Metals by ICP/MS (S) Preparation Method: EPA 3050B (mod)

Analytical Method: EPA 6020

Chromium	35	mg/Kg	1.3	0.27	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Arsenic	4.4	mg/Kg	0.62	0.10	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Selenium	U	mg/Kg	1.2	0.58	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Silver	U	mg/Kg	0.62	0.37	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Cadmium	0.62	mg/Kg	0.62	0.11	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Barium	27	mg/Kg	1.4	0.27	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Mercury	0.58i	mg/Kg	0.75	0.15	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB
Lead	140	mg/Kg	0.62	0.096	2	10/13/2023 16:58	ECW	10/13/2023 23:38	DB L1



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961018**

Date Received: 10/7/2023 12:15

Matrix: Soil/Solid

Sample ID: **SB-2W-2**

Date Collected: 10/5/2023 13:40

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: EPA 1311 TCLP Metals Scan ICP/MS					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 1311/200.8				
Lead	0.0045i	mg/L	0.0080	0.00012	4	10/25/2023 11:26	ECW	10/25/2023 14:18	DB



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019** Date Received: 10/7/2023 12:15 Matrix: Aqueous Liquid
Sample ID: **7W** Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

Dibromofluoromethane (S)	96	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Toluene d8 (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-Bromofluorobenzene (S)	95	%	70-130		1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB

Volatiles by GC/MS

Analysis Desc: EPA 8260C Full Scan (W)

Preparation Method: EPA 5030B

Analytical Method: EPA 8260C

1,1,1,2-Tetrachloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1,1-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1,2,2-Tetrachloroethane	U	ug/L	1.00	0.200	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1,2-Trichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1-Dichloroethene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,1-Dichloropropene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,3-Trichlorobenzene	U	ug/L	2.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,3-Trichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,4-Trichlorobenzene	U	ug/L	2.00	1.00	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2,4-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-DBCP	U	ug/L	2.00	0.550	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dibromoethane (EDB)	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dichloroethane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,3,5-Trimethylbenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,3-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,3-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
1,4-Dichlorobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
2,2-Dichloropropane	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
2-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
2-Hexanone	U	ug/L	10.0	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-Chlorotoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-Isopropyltoluene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
4-methyl-2-pentanone	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Acetone	U	ug/L	10.0	5.00	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Acrolein	U	ug/L	20.0	8.70	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Acrylonitrile	U	ug/L	20.0	4.20	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Benzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB
Bromobenzene	U	ug/L	1.00	0.400	1	10/11/2023 10:00	TDB	10/11/2023 17:39	TDB

Report ID: 2387961 - 3844116
10/25/2023

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FDOH# E86546

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019**

Date Received: 10/7/2023 12:15

Matrix: Aqueous Liquid

Sample ID: **7W**

Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Bromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Bromodichloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Bromoform		U ug/L	1.00	0.550	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Bromomethane		U ug/L	6.00	4.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Carbon disulfide		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Carbon tetrachloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chlorobenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chloroethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chloroform		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Chloromethane		U ug/L	5.00	2.50	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Dibromochloromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Dibromomethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Dichlorodifluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
cis-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Ethyl methacrylate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Ethylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Hexachlorobutadiene		U ug/L	2.00	1.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Iodomethane		U ug/L	1.00	0.460	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Isopropylbenzene (Cumene)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Methyl ethyl ketone (MEK)		U ug/L	5.00	0.640	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Methylene chloride		U ug/L	4.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Naphthalene		U ug/L	5.00	2.00	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Styrene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Tetrachloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Toluene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Trichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Trichlorofluoromethane		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Vinyl acetate		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Vinyl chloride		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
Xylenes- Total		U ug/L	3.00	0.800	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
cis-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
cis-1,4-Dichloro-2-butene		U ug/L	1.00	0.440	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
m & p-xylene		U ug/L	2.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
n-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
n-propylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
o-Xylene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
sec-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
t-1,4-Dichloro-2-butene		U ug/L	1.00	0.410	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
tert-Butyl methyl ether (MTBE)		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
tert-Butylbenzene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
trans-1,2-Dichloroethene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	
trans-1,3-Dichloropropene		U ug/L	1.00	0.400	1 10/11/2023 10:00	TDB	10/11/2023 17:39	TDB	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019** Date Received: 10/7/2023 12:15 Matrix: Aqueous Liquid
Sample ID: **7W** Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
o-Terphenyl (S)	87	%	66-139		1	JL	10/10/2023 17:29	BFM	
Nonatriacontane (S)	61	%	40-129		1	JL	10/10/2023 17:29	BFM	

Semivolatiles by GC

Analysis Desc: Florida PRO by GC (W)					Preparation Method: EPA 3510C				
					Analytical Method: FL-PRO (GC)				
Florida Pro Total		U mg/L	1.11	0.370	1	JL	10/10/2023 17:29	BFM	

Analysis Desc: EPA 200.8 Total RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Total)				
Chromium	11	ug/L	2.0	0.80	4	ECW	10/10/2023 15:10	DB	
Arsenic	2.5	ug/L	2.0	0.65	4	ECW	10/10/2023 15:10	DB	
Selenium	U	ug/L	4.0	2.1	4	ECW	10/10/2023 15:10	DB	
Silver	U	ug/L	2.0	0.80	4	ECW	10/10/2023 15:10	DB	
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/10/2023 15:10	DB	
Barium	38	ug/L	2.0	0.30	4	ECW	10/10/2023 15:10	DB	
Mercury	U	ug/L	2.0	0.73	4	ECW	10/10/2023 15:10	DB	
Lead	U	ug/L	2.0	1.2	4	ECW	10/10/2023 15:10	DB	

Analysis Desc: EPA 200.8 Dissolved RCRA-8 Metals (W)					Preparation Method: EPA 200.2 mod.				
					Analytical Method: EPA 200.8 (Dissolved)				
Chromium	1.1i	ug/L	2.0	0.80	4	ECW	10/10/2023 15:05	DB	
Arsenic	2.0	ug/L	2.0	0.65	4	ECW	10/10/2023 15:05	DB	
Selenium	U	ug/L	4.0	2.1	4	ECW	10/10/2023 15:05	DB	
Silver	U	ug/L	2.0	0.80	4	ECW	10/10/2023 15:05	DB	
Cadmium	U	ug/L	2.0	0.28	4	ECW	10/10/2023 15:05	DB	
Barium	17	ug/L	2.0	0.30	4	ECW	10/10/2023 15:05	DB	
Mercury	U	ug/L	2.0	0.73	4	ECW	10/10/2023 15:05	DB	
Lead	U	ug/L	2.0	1.2	4	ECW	10/10/2023 15:05	DB	

Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)					Preparation Method: EPA 3510C SIM				
					Analytical Method: EPA 8270/PAH SIM				
1-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 21:42	BFM	
2-Methylnaphthalene	U	ug/L	0.096	0.048	1	JL	10/10/2023 21:42	BFM	
Acenaphthene	U	ug/L	0.048	0.024	1	JL	10/10/2023 21:42	BFM	
Acenaphthylene	U	ug/L	0.048	0.024	1	JL	10/10/2023 21:42	BFM	
Anthracene	U	ug/L	0.048	0.024	1	JL	10/10/2023 21:42	BFM	



ANALYTICAL RESULTS

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID: **2387961019**

Date Received: 10/7/2023 12:15

Matrix: Aqueous Liquid

Sample ID: **7W**

Date Collected: 10/5/2023 14:10

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
Benzo(a)anthracene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(a)pyrene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(b)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(g,h,i)perylene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Benzo(k)fluoranthene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Chrysene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Dibenzo(a,h)anthracene		U ug/L	0.048	0.0048	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Fluoranthene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Fluorene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Indeno(1,2,3-cd)pyrene		U ug/L	0.048	0.014	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Naphthalene		U ug/L	0.096	0.048	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Phenanthrene		U ug/L	0.385	0.192	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Pyrene		U ug/L	0.048	0.024	1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
Nitrobenzene-d5 (S)	92	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
2-Fluorobiphenyl (S)	88	%	30-110		1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	
p-Terphenyl-d14 (S)	96	%	30-140		1 10/10/2023 11:10	JL	10/10/2023 21:42	BFM	



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2387961

Project ID: Homestead Triangle

PARAMETER QUALIFIERS

- J4 MS/MSD precision exceeded control limits due to matrix interference. LCS/LCSD precision was within acceptable range
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- L1 Reported value is above the calibration range but is within the instrument LDR (Linear Dynamic Range).
- L2 Off-scale high. Reported value is above the calibration range and the instrument LDR (Linear Dynamic Range).

PROJECT COMMENTS

- 2387961 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	XXX/17837		Analysis Method:	EPA 8270/PAH SIM		
QC Batch Method:	EPA 3510C SIM					
Associated Lab Samples:	2387911018	2387911019	2387911021	2387911022	2387926001	2387926002
	2387926003	2387926004	2387926005	2387926006	2387926007	2387933032
	2387933033	2387933034	2387933035	2387950007	2387950008	2387950009
	2387961019	2387975001				

METHOD BLANK: 292649

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	85	30-110	
2-Fluorobiphenyl (S)	%	77	30-110	
p-Terphenyl-d14 (S)	%	82	30-140	
Naphthalene	ug/L	U	0.013	
2-Methylnaphthalene	ug/L	U	0.013	
1-Methylnaphthalene	ug/L	U	0.013	
Acenaphthylene	ug/L	U	0.00625	
Acenaphthene	ug/L	U	0.00625	
Fluorene	ug/L	U	0.00625	
Phenanthrene	ug/L	U	0.050	
Anthracene	ug/L	U	0.00625	
Fluoranthene	ug/L	0.012i	0.00625	V,V1
Pyrene	ug/L	U	0.00625	
Benzo(a)anthracene	ug/L	U	0.00625	
Chrysene	ug/L	U	0.00625	
Benzo(b)fluoranthene	ug/L	U	0.00375	
Benzo(k)fluoranthene	ug/L	U	0.00375	
Benzo(a)pyrene	ug/L	U	0.00375	
Dibenzo(a,h)anthracene	ug/L	U	0.00125	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.00375	
Benzo(g,h,i)perylene	ug/L	U	0.00375	

LABORATORY CONTROL SAMPLE & LCSD: 292650 292651

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				100	108	30-110	8		
2-Fluorobiphenyl (S)	%				90	101	30-110	11		
p-Terphenyl-d14 (S)	%				92	95	30-140	3		
Naphthalene	ug/L	0.201	0.188	0.193	94	96	30-140	3	40	
2-Methylnaphthalene	ug/L	0.201	0.188	0.191	94	95	30-140	2	40	
1-Methylnaphthalene	ug/L	0.202	0.190	0.192	94	95	30-140	1	40	

Report ID: 2387961 - 3844116
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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292650 292651										
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthylene	ug/L	0.2	0.201	0.211	100	105	30-120	5	40	
Acenaphthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Fluorene	ug/L	0.2	0.204	0.186	102	93	30-140	9	40	
Phenanthrene	ug/L	0.202	0.182	0.194	90	96	30-120	6	40	
Anthracene	ug/L	0.2	0.177	0.191	89	95	30-140	8	40	
Fluoranthene	ug/L	0.2	0.201	0.208	100	104	30-120	3	40	
Pyrene	ug/L	0.2	0.195	0.210	98	105	40-140	7	40	
Benzo(a)anthracene	ug/L	0.201	0.196	0.214	98	106	30-120	9	40	
Chrysene	ug/L	0.201	0.182	0.191	90	95	30-140	5	40	
Benzo(b)fluoranthene	ug/L	0.202	0.148	0.154	73	76	30-140	4	40	
Benzo(k)fluoranthene	ug/L	0.201	0.169	0.180	84	90	30-140	6	40	
Benzo(a)pyrene	ug/L	0.2	0.148	0.153	74	77	30-140	3	40	
Dibenzo(a,h)anthracene	ug/L	0.201	0.168	0.171	83	85	30-140	2	40	
Indeno(1,2,3-cd)pyrene	ug/L	0.201	0.179	0.180	89	90	30-140	0.6	40	
Benzo(g,h,i)perylene	ug/L	0.201	0.153	0.154	76	77	30-120	0.7	40	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	XXX/17839	Analysis Method:		FL-PRO (GC)		
QC Batch Method:	EPA 3510C					
Associated Lab Samples:	2387916009	2387916010	2387916011	2387916012	2387916013	2387932003
	2387933032	2387933033	2387933034	2387933035	2387950007	2387950008
	2387950009	2387961019	2387975001			

METHOD BLANK: 292680

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
o-Terphenyl (S)	%	95	66-139	
Nonatriacontane (S)	%	67	40-129	
Florida Pro Total	mg/L	U	0.100	

LABORATORY CONTROL SAMPLE & LCSD: 292681 292682

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
o-Terphenyl (S)	%				92	92	66-139	0		
Nonatriacontane (S)	%				98	84	40-129	16		
Florida Pro Total	mg/L	0.678	0.540	0.568	80	84	66-119	5	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	XXX/17841		Analysis Method:	EPA 8310 List by 8270E SIM (S)		
QC Batch Method:	EPA 3545					
Associated Lab Samples:	2387933010	2387933011	2387933012	2387933013	2387933014	2387933015
	2387950001	2387950002	2387950003	2387950004	2387950005	2387950006
	2387961013	2387961014	2387961015	2387961016	2387961017	2387961018

METHOD BLANK: 292710

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	100	20-150	
2-Fluorobiphenyl (S)	%	107	30-150	
p-Terphenyl-d14 (S)	%	102	15-150	
Naphthalene	mg/Kg	U	0.100	
2-Methylnaphthalene	mg/Kg	U	0.100	
1-Methylnaphthalene	mg/Kg	U	0.100	
Acenaphthylene	mg/Kg	U	0.050	
Acenaphthene	mg/Kg	U	0.050	
Fluorene	mg/Kg	U	0.050	
Phenanthrene	mg/Kg	U	0.100	
Anthracene	mg/Kg	U	0.050	
Fluoranthene	mg/Kg	U	0.050	
Pyrene	mg/Kg	U	0.050	
Benzo(a)anthracene	mg/Kg	U	0.030	
Chrysene	mg/Kg	U	0.030	
Benzo(b)fluoranthene	mg/Kg	U	0.026	
Benzo(k)fluoranthene	mg/Kg	U	0.030	
Benzo(a)pyrene	mg/Kg	U	0.018	
Dibenzo(a,h)anthracene	mg/Kg	U	0.010	
Indeno(1,2,3-cd)pyrene	mg/Kg	U	0.030	
Benzo(g,h,i)perylene	mg/Kg	U	0.030	

LABORATORY CONTROL SAMPLE & LCSD: 292711 292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				102	99	20-150	3		
2-Fluorobiphenyl (S)	%				112	111	30-150	0.4		
p-Terphenyl-d14 (S)	%				98	96	15-150	3		
Naphthalene	mg/Kg	2.01	1.95	2.03	97	101	40-150	4	40	
2-Methylnaphthalene	mg/Kg	2.01	1.94	1.99	97	99	40-150	3	40	
1-Methylnaphthalene	mg/Kg	2.02	2.16	2.25	107	112	40-150	4	40	
Acenaphthylene	mg/Kg	2	2.07	2.13	103	106	40-150	3	40	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292711

292712

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Acenaphthene	mg/Kg	2	2.16	2.22	108	111	35-150	3	40	
Fluorene	mg/Kg	2	2.00	2.04	100	102	40-150	2	40	
Phenanthrene	mg/Kg	2.02	1.78	1.84	88	91	40-150	3	40	
Anthracene	mg/Kg	2	1.93	1.98	96	99	40-150	3	40	
Fluoranthene	mg/Kg	2	2.07	2.12	104	106	40-150	2	40	
Pyrene	mg/Kg	2	1.93	1.99	97	100	40-150	3	40	
Benzo(a)anthracene	mg/Kg	2.01	2.09	2.07	104	103	40-150	1	40	
Chrysene	mg/Kg	2.01	1.83	1.90	91	94	40-150	4	40	
Benzo(b)fluoranthene	mg/Kg	2.02	1.60	1.61	79	80	40-150	0.6	40	
Benzo(k)fluoranthene	mg/Kg	2.01	1.60	1.68	80	83	40-150	5	40	
Benzo(a)pyrene	mg/Kg	2	1.61	1.64	81	82	40-150	2	40	
Dibenzo(a,h)anthracene	mg/Kg	2.01	1.66	1.71	83	85	40-150	3	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	2.01	1.85	2.03	92	101	40-150	9	40	
Benzo(g,h,i)perylene	mg/Kg	2.01	1.50	1.59	74	79	40-150	6	40	

MATRIX SPIKE SAMPLE: 292713

Original: 2387933010

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Semivolatiles by EPA 8270C							
Nitrobenzene-d5 (S)	%				90	20-150	
2-Fluorobiphenyl (S)	%				97	30-150	
p-Terphenyl-d14 (S)	%				84	15-150	
Naphthalene	mg/Kg	0.01	3.28	3.01	91	40-150	
2-Methylnaphthalene	mg/Kg	0	3.28	2.95	90	40-150	
1-Methylnaphthalene	mg/Kg	0	3.3	3.29	100	40-150	
Acenaphthylene	mg/Kg	0.073	3.28	3.12	93	40-150	
Acenaphthene	mg/Kg	0.013	3.27	3.25	99	35-150	
Fluorene	mg/Kg	0.027	3.28	3	91	40-150	
Phenanthrene	mg/Kg	0.191	3.3	2.91	83	40-150	
Anthracene	mg/Kg	0.056	3.28	2.92	87	40-150	
Fluoranthene	mg/Kg	0.547	3.28	3.67	95	40-150	
Pyrene	mg/Kg	0.431	3.27	3.27	87	40-150	
Benzo(a)anthracene	mg/Kg	0.297	3.29	3.3	91	40-150	
Chrysene	mg/Kg	0.288	3.29	2.84	78	40-150	
Benzo(b)fluoranthene	mg/Kg	0.356	3.3	2.45	64	40-150	
Benzo(k)fluoranthene	mg/Kg	0.118	3.28	2.29	66	40-150	
Benzo(a)pyrene	mg/Kg	0.233	3.27	2.54	70	40-150	
Dibenzo(a,h)anthracene	mg/Kg	0.058	3.29	2.4	71	40-150	
Indeno(1,2,3-cd)pyrene	mg/Kg	0.344	3.29	3.02	81	40-150	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292713

Original: 2387933010

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(g,h,i)perylene	mg/Kg	0.305	3.29	2.48	66	40-150	

SAMPLE DUPLICATE: 292714

Original: 2387933013

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C						
Nitrobenzene-d5 (S)	%	2880		1		
2-Fluorobiphenyl (S)	%	3090		0.6		
p-Terphenyl-d14 (S)	%	2650		0.8		
Naphthalene	mg/Kg	U	U	0	40	
2-Methylnaphthalene	mg/Kg	U	U	0	40	
1-Methylnaphthalene	mg/Kg	U	U	0	40	
Acenaphthylene	mg/Kg	0.162	0.215i	4	40	
Acenaphthene	mg/Kg	U	U	0	40	P
Fluorene	mg/Kg	U	U	0	40	P
Phenanthrene	mg/Kg	0.375	0.786	48	40	P
Anthracene	mg/Kg	0.155	0.356i	57	40	P
Fluoranthene	mg/Kg	1.97	3.04	19	40	
Pyrene	mg/Kg	1.73	2.53	13	40	
Benzo(a)anthracene	mg/Kg	1.09	1.55	10	40	
Chrysene	mg/Kg	1.33	1.85	9	40	
Benzo(b)fluoranthene	mg/Kg	1.79	2.46	7	40	
Benzo(k)fluoranthene	mg/Kg	0.622	0.867	9	40	
Benzo(a)pyrene	mg/Kg	0.979	1.41	12	40	
Dibenzo(a,h)anthracene	mg/Kg	0.183	0.281	18	40	
Indeno(1,2,3-cd)pyrene	mg/Kg	1.31	1.86	11	40	
Benzo(g,h,i)perylene	mg/Kg	0.882	1.20	6	40	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15674	Analysis Method:		EPA 200.8 (Total)		
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387882001	2387961019	2387963001	2387963002	2387963003	2387963004
	2387963005	2387963006	2387963007	2387963008	2387963009	2387963010
	2387963011	2387963014	2387963015	2387963016	2387963017	2387963018
	2387964001					

METHOD BLANK: 292764

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	ug/L	U	0.20	
Arsenic	ug/L	U	0.16	
Selenium	ug/L	U	0.52	
Silver	ug/L	U	0.20	
Cadmium	ug/L	U	0.071	
Barium	ug/L	U	0.076	
Mercury	ug/L	U	0.18	
Lead	ug/L	U	0.29	

LABORATORY CONTROL SAMPLE & LCSD: 292765 292766

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	ug/L	50	55	55	111	110	85-115	0	20	
Arsenic	ug/L	50	52	51	103	102	85-115	1.94	20	
Selenium	ug/L	50	48	47	95.4	94.3	85-115	2.11	20	
Silver	ug/L	50	51	52	103	105	85-115	1.94	20	
Cadmium	ug/L	50	49	51	97.9	101	85-115	4	20	
Barium	ug/L	50	52	52	103	105	85-115	0	20	
Mercury	ug/L	5	4.7	4.9	94.5	98.6	85-115	4.17	20	
Lead	ug/L	50	52	53	104	106	85-115	1.9	20	

MATRIX SPIKE SAMPLE: 292768 Original: 2387963006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	3.3	50	56	106	70-130	
Arsenic	ug/L	13	50	64	101	70-130	
Selenium	ug/L	0.52	50	49	97.9	70-130	
Silver	ug/L	0.53	50	32	63.2	70-130	J4
Cadmium	ug/L	0.02	50	50	100	70-130	
Barium	ug/L	27	50	79	104	70-130	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 292768

Original: 2387963006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	0.25	20	19	94.4	70-130	
Lead	ug/L	0.092	50	51	101	70-130	

SAMPLE DUPLICATE: 292767

Original: 2387963006

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	3.3	3.2	3.08	20	
Arsenic	ug/L	13	13	0	20	
Selenium	ug/L	U	U	0	20	P1
Silver	ug/L	U	U	0	20	
Cadmium	ug/L	U	U	0	20	
Barium	ug/L	27	28	3.64	20	
Mercury	ug/L	U	U	0	20	
Lead	ug/L	U	U	0	20	



QUALITY CONTROL DATA

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QC Batch:	VXX/11984	Analysis Method:		EPA 8260C		
QC Batch Method:	EPA 5030B					
Associated Lab Samples:	2387911023	2387932001	2387932003	2387933032	2387933033	2387933034
	2387933035	2387938001	2387938002	2387950009	2387961019	2388012001

METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	70-130	
Toluene d8 (S)	%	96	70-130	
4-Bromofluorobenzene (S)	%	98	70-130	
Dichlorodifluoromethane	ug/L	U	0.400	
Chloromethane	ug/L	U	2.50	
Vinyl chloride	ug/L	U	0.400	
Bromomethane	ug/L	U	4.00	
Chloroethane	ug/L	U	0.400	
Trichlorofluoromethane	ug/L	U	0.400	
Acrolein	ug/L	U	8.70	
Acetone	ug/L	U	5.00	
1,1-Dichloroethene	ug/L	U	0.400	
Iodomethane	ug/L	U	0.460	
Acrylonitrile	ug/L	U	4.20	
Methylene chloride	ug/L	U	2.00	
Carbon disulfide	ug/L	U	0.400	
trans-1,2-Dichloroethene	ug/L	U	0.400	
tert-Butyl methyl ether (MTBE)	ug/L	U	0.400	
1,1-Dichloroethane	ug/L	U	0.400	
Vinyl acetate	ug/L	U	0.400	
Methyl ethyl ketone (MEK)	ug/L	U	0.640	
cis-1,2-Dichloroethene	ug/L	U	0.400	
Bromochloromethane	ug/L	U	0.400	
Chloroform	ug/L	U	0.400	
2,2-Dichloropropane	ug/L	U	0.400	
1,2-Dichloroethane	ug/L	U	0.400	
1,1,1-Trichloroethane	ug/L	U	0.400	
1,1-Dichloropropene	ug/L	U	0.400	
Carbon tetrachloride	ug/L	U	0.400	
Benzene	ug/L	U	0.400	
Dibromomethane	ug/L	U	0.400	
1,2-Dichloropropane	ug/L	U	0.400	
Trichloroethene	ug/L	U	0.400	
Bromodichloromethane	ug/L	U	0.400	
cis-1,3-Dichloropropene	ug/L	U	0.400	
4-methyl-2-pentanone	ug/L	U	0.400	
trans-1,3-Dichloropropene	ug/L	U	0.400	

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QUALITY CONTROL DATA

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Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,2-Trichloroethane	ug/L	U	0.400	
Toluene	ug/L	U	0.400	
1,3-Dichloropropane	ug/L	U	0.400	
Ethyl methacrylate	ug/L	U	0.400	
Dibromochloromethane	ug/L	U	0.400	
2-Hexanone	ug/L	U	0.400	
1,2-Dibromoethane (EDB)	ug/L	U	0.400	
Tetrachloroethene	ug/L	U	0.400	
1,1,1,2-Tetrachloroethane	ug/L	U	0.400	
Chlorobenzene	ug/L	U	0.400	
Ethylbenzene	ug/L	U	0.400	
m & p-xylene	ug/L	U	0.400	
Bromoform	ug/L	U	0.550	
t-1,4-Dichloro-2-butene	ug/L	U	0.410	
Styrene	ug/L	U	0.400	
1,1,1,2,2-Tetrachloroethane	ug/L	U	0.200	
o-Xylene	ug/L	U	0.400	
1,2,3-Trichloropropane	ug/L	U	0.400	
cis-1,4-Dichloro-2-butene	ug/L	U	0.440	
Isopropylbenzene (Cumene)	ug/L	U	0.400	
Bromobenzene	ug/L	U	0.400	
n-propylbenzene	ug/L	U	0.400	
2-Chlorotoluene	ug/L	U	0.400	
1,3,5-Trimethylbenzene	ug/L	U	0.400	
4-Chlorotoluene	ug/L	U	0.400	
tert-Butylbenzene	ug/L	U	0.400	
1,2,4-Trimethylbenzene	ug/L	U	0.400	
sec-Butylbenzene	ug/L	U	0.400	
1,3-Dichlorobenzene	ug/L	U	0.400	
1,4-Dichlorobenzene	ug/L	U	0.400	
4-Isopropyltoluene	ug/L	U	0.400	
1,2-Dichlorobenzene	ug/L	U	0.400	
n-Butylbenzene	ug/L	U	0.400	
1,2-DBCP	ug/L	U	0.550	
1,2,4-Trichlorobenzene	ug/L	U	1.00	
Naphthalene	ug/L	U	2.00	
Hexachlorobutadiene	ug/L	U	1.00	
1,2,3-Trichlorobenzene	ug/L	U	0.400	
Xylenes- Total	ug/L	U	0.800	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	95	-	

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QUALITY CONTROL DATA

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METHOD BLANK: 292964

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Bromofluorobenzene (S)	%	98	-	
Benzene	ug/L	U	4.00	

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Volatiles by GC/MS				
Dibromofluoromethane (S)	%	95	-	
Toluene d8 (S)	%	94	-	
4-Bromofluorobenzene (S)	%	98	-	
Benzene	ug/L	U	4.00	

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	100	70-130	3	25	
Toluene d8 (S)	%				96	97	70-130	0.5	25	
4-Bromofluorobenzene (S)	%				101	102	70-130	0.5	25	
Dichlorodifluoromethane	ug/L	50	35.8	35.8	72	72	60-130	0	25	
Chloromethane	ug/L	50	43.4	36.7	87	73	60-130	17	25	
Vinyl chloride	ug/L	50	45.4	42.5	91	85	70-130	7	25	
Bromomethane	ug/L	50	37.0	37.8	74	76	60-130	2	25	
Chloroethane	ug/L	50	48.6	50.6	97	101	70-130	4	25	
Trichlorofluoromethane	ug/L	50	40.4	40.6	81	81	70-130	0.5	25	
Acetone	ug/L	50.2	41.6	44.8	83	89	60-130	7	25	
1,1-Dichloroethene	ug/L	50	41.9	43.2	84	86	70-130	3	25	
Iodomethane	ug/L	50	30.7	37.5	61	75	60-130	20	25	
Methylene chloride	ug/L	50	40.5	40.0	81	80	60-130	1	25	
Carbon disulfide	ug/L	50	42.6	43.2	85	86	60-130	1	25	
trans-1,2-Dichloroethene	ug/L	50	42.5	43.9	85	88	70-130	3	25	
tert-Butyl methyl ether (MTBE)	ug/L	50	41.9	42.9	84	86	70-130	2	25	
1,1-Dichloroethane	ug/L	50	40.3	41.7	81	83	70-130	3	25	
Vinyl acetate	ug/L	50	61.9	58.4	124	117	60-130	6	25	
Methyl ethyl ketone (MEK)	ug/L	50.2	39.8	37.9	79	75	70-130	5	25	
cis-1,2-Dichloroethene	ug/L	50	46.1	47.7	92	95	70-130	3	25	
Bromochloromethane	ug/L	50	45.5	46.3	91	93	70-130	2	25	
Chloroform	ug/L	50	45.9	47.5	92	95	70-130	3	25	
2,2-Dichloropropane	ug/L	50	48.3	48.5	97	97	50-130	0.4	25	
1,2-Dichloroethane	ug/L	50	39.6	39.7	79	79	70-130	0.3	25	
1,1,1-Trichloroethane	ug/L	50	45.2	47.0	90	94	70-130	4	25	

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QUALITY CONTROL DATA

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Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965 292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	50	46.6	47.2	93	94	70-130	1	25	
Carbon tetrachloride	ug/L	50	45.5	46.7	91	93	60-130	3	25	
Benzene	ug/L	50	47.4	48.3	95	97	70-130	2	25	
Dibromomethane	ug/L	50	45.3	46.3	91	93	70-130	2	25	
1,2-Dichloropropane	ug/L	50	44.5	45.8	89	92	70-130	3	25	
Trichloroethene	ug/L	50	41.5	43.2	83	86	70-130	4	25	
Bromodichloromethane	ug/L	50	45.9	47.6	92	95	70-130	4	25	
cis-1,3-Dichloropropene	ug/L	50	50.4	51.7	101	103	60-130	3	25	
4-methyl-2-pentanone	ug/L	50.1	38.3	37.7	76	75	60-130	2	25	
trans-1,3-Dichloropropene	ug/L	50	40.8	42.2	82	84	60-130	3	25	
1,1,2-Trichloroethane	ug/L	50	46.2	47.3	92	95	70-130	2	25	
Toluene	ug/L	50	51.9	52.7	104	105	70-130	2	25	
1,3-Dichloropropane	ug/L	50	50.8	51.8	102	104	70-130	2	25	
Ethyl methacrylate	ug/L	50	53.8	55.6	108	111	70-130	3	25	
Dibromochloromethane	ug/L	50	54.0	55.0	108	110	70-130	2	25	
2-Hexanone	ug/L	50.1	46.1	44.0	92	88	70-130	5	25	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	52.8	105	106	70-130	1	25	
Tetrachloroethene	ug/L	50	38.9	44.0	78	88	70-130	12	25	
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	53.0	105	106	70-130	0.8	25	
Chlorobenzene	ug/L	50	51.9	53.5	104	107	70-130	3	25	
Ethylbenzene	ug/L	50	53.9	54.8	108	110	70-130	2	25	
m & p-xylene	ug/L	100	107	109	107	109	70-130	2	25	
Bromoform	ug/L	50	43.9	45.0	88	90	70-130	2	25	
t-1,4-Dichloro-2-butene	ug/L	50	50.9	50.8	102	102	60-130	0.2	25	
Styrene	ug/L	50	54.7	54.3	109	109	70-130	0.7	25	
1,1,2,2-Tetrachloroethane	ug/L	50	56.6	55.9	113	112	70-130	1	25	
o-Xylene	ug/L	50	52.7	52.9	105	106	70-130	0.4	25	
1,2,3-Trichloropropane	ug/L	50	49.2	48.5	98	97	70-130	1	25	
cis-1,4-Dichloro-2-butene	ug/L	50	46.5	44.1	93	88	60-130	5	25	
Isopropylbenzene (Cumene)	ug/L	50	51.2	51.9	102	104	70-130	1	25	
Bromobenzene	ug/L	50	54.5	56.6	109	113	70-130	4	25	
n-propylbenzene	ug/L	50	57.3	59.2	115	118	70-130	3	25	
2-Chlorotoluene	ug/L	50	55.4	56.5	111	113	70-130	2	25	
1,3,5-Trimethylbenzene	ug/L	50	56.7	58.0	113	116	70-130	2	25	
4-Chlorotoluene	ug/L	50	56.4	57.3	113	115	70-130	2	25	
tert-Butylbenzene	ug/L	50	55.2	57.5	110	115	70-130	4	25	
1,2,4-Trimethylbenzene	ug/L	50	56.6	58.4	113	117	70-130	3	25	
sec-Butylbenzene	ug/L	50	56.2	58.3	112	117	70-130	4	25	
1,3-Dichlorobenzene	ug/L	50	54.0	55.1	108	110	70-130	2	25	
1,4-Dichlorobenzene	ug/L	50	53.2	55.2	106	110	70-130	4	25	
4-Isopropyltoluene	ug/L	50	56.3	57.5	113	115	70-130	2	25	
1,2-Dichlorobenzene	ug/L	50	55.4	56.9	111	114	70-130	3	25	
n-Butylbenzene	ug/L	50	58.4	59.9	117	120	70-130	3	25	
1,2-DBC	ug/L	50	53.0	53.0	106	106	60-130	0	25	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

LABORATORY CONTROL SAMPLE & LCSD: 292965

292966

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	52.6	53.6	105	107	70-130	2	25	
Naphthalene	ug/L	50	53.1	52.7	106	105	70-130	0.8	25	
Hexachlorobutadiene	ug/L	50	54.6	55.4	109	111	70-130	1	25	
1,2,3-Trichlorobenzene	ug/L	50	57.3	57.1	115	114	70-130	0.3	25	
Xylenes- Total	ug/L	150	160	162	106	108	70-130	1	25	

LABORATORY CONTROL SAMPLE & LCSD: 292967

292968

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Volatiles by GC/MS										
Dibromofluoromethane (S)	%				98	96	70-130	2	25	
Toluene d8 (S)	%				96	96	70-130	0.3	25	
4-Bromofluorobenzene (S)	%				97	100	70-130	3	25	
Acrolein	ug/L	250	168	161	67	64	60-130	4	25	
Acrylonitrile	ug/L	250	181	176	73	70	60-130	3	25	

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Volatiles by GC/MS						
Dibromofluoromethane (S)	%	38.3		0.8	25	
Toluene d8 (S)	%	38.3		0	25	
4-Bromofluorobenzene (S)	%	38.8		0.5	25	
Dichlorodifluoromethane	ug/L	U	U	0	25	
Chloromethane	ug/L	U	U	0	25	
Vinyl chloride	ug/L	U	U	0	25	
Bromomethane	ug/L	U	U	0	25	
Chloroethane	ug/L	U	U	0	25	
Trichlorofluoromethane	ug/L	U	U	0	25	
Acrolein	ug/L	U	U	0	25	
Acetone	ug/L	U	U	0	25	
1,1-Dichloroethene	ug/L	U	U	0	25	
Iodomethane	ug/L	U	U	0	25	
Acrylonitrile	ug/L	U	U	0	25	
Methylene chloride	ug/L	U	U	0	25	
Carbon disulfide	ug/L	U	U	0	25	
trans-1,2-Dichloroethene	ug/L	U	U	0	25	
tert-Butyl methyl ether (MTBE)	ug/L	U	U	0	25	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethane	ug/L	U	U	0	25	
Vinyl acetate	ug/L	U	U	0	25	
Methyl ethyl ketone (MEK)	ug/L	U	U	0	25	
cis-1,2-Dichloroethene	ug/L	U	U	0	25	
Bromochloromethane	ug/L	U	U	0	25	
Chloroform	ug/L	U	U	0	25	
2,2-Dichloropropane	ug/L	U	U	0	25	
1,2-Dichloroethane	ug/L	U	U	0	25	
1,1,1-Trichloroethane	ug/L	U	U	0	25	
1,1-Dichloropropene	ug/L	U	U	0	25	
Carbon tetrachloride	ug/L	U	U	0	25	
Benzene	ug/L	U	U	0	25	
Dibromomethane	ug/L	U	U	0	25	
1,2-Dichloropropane	ug/L	U	U	0	25	
Trichloroethene	ug/L	U	U	0	25	
Bromodichloromethane	ug/L	U	U	0	25	
cis-1,3-Dichloropropene	ug/L	U	U	0	25	
4-methyl-2-pentanone	ug/L	U	U	0	25	
trans-1,3-Dichloropropene	ug/L	U	U	0	25	
1,1,2-Trichloroethane	ug/L	U	U	0	25	
Toluene	ug/L	U	U	0	25	
1,3-Dichloropropane	ug/L	U	U	0	25	
Ethyl methacrylate	ug/L	U	U	0	25	
Dibromochloromethane	ug/L	U	U	0	25	
2-Hexanone	ug/L	U	U	0	25	
1,2-Dibromoethane (EDB)	ug/L	U	U	0	25	
Tetrachloroethene	ug/L	2.5	2.42	3	25	
1,1,1,2-Tetrachloroethane	ug/L	U	U	0	25	
Chlorobenzene	ug/L	U	U	0	25	
Ethylbenzene	ug/L	U	U	0	25	
m & p-xylene	ug/L	0.55	0.490i	12	25	
Bromoform	ug/L	U	U	0	25	
t-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Styrene	ug/L	U	U	0	25	
1,1,2,2-Tetrachloroethane	ug/L	U	U	0	25	
o-Xylene	ug/L	U	U	0	25	
1,2,3-Trichloropropane	ug/L	U	U	0	25	
cis-1,4-Dichloro-2-butene	ug/L	U	U	0	25	
Isopropylbenzene (Cumene)	ug/L	U	U	0	25	
Bromobenzene	ug/L	U	U	0	25	
n-propylbenzene	ug/L	U	U	0	25	
2-Chlorotoluene	ug/L	U	U	0	25	
1,3,5-Trimethylbenzene	ug/L	U	U	0	25	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

SAMPLE DUPLICATE: 292971

Original: 2387950009

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
4-Chlorotoluene	ug/L	U	U	0	25	
tert-Butylbenzene	ug/L	U	U	0	25	
1,2,4-Trimethylbenzene	ug/L	U	U	0	25	
sec-Butylbenzene	ug/L	U	U	0	25	
1,3-Dichlorobenzene	ug/L	U	U	0	25	
1,4-Dichlorobenzene	ug/L	U	U	0	25	
4-Isopropyltoluene	ug/L	U	U	0	25	
1,2-Dichlorobenzene	ug/L	U	U	0	25	
n-Butylbenzene	ug/L	U	U	0	25	
1,2-DCBP	ug/L	U	U	0	25	
1,2,4-Trichlorobenzene	ug/L	U	U	0	25	
Naphthalene	ug/L	U	U	0	25	
Hexachlorobutadiene	ug/L	U	U	0	25	
1,2,3-Trichlorobenzene	ug/L	U	U	0	25	
Xylenes- Total	ug/L	U	U	0	25	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15688	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387949048	2387949049	2387949050	2387949051	2387949052	2387949053
	2387949054	2387950005	2387951001	2387951002	2387951003	2387951004
	2387951005	2387951006	2387951007	2387961001	2387961002	2387961003
	2387961004	2388002006				

METHOD BLANK: 293134

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 293135 293136

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.6	9.7	96.5	97.3	80-120	1.04	20	
Arsenic	mg/Kg	10	9.5	9.5	95.3	95	80-120	0	20	
Selenium	mg/Kg	10	9.5	9.2	94.9	92.2	80-120	3.21	20	
Silver	mg/Kg	10	9.5	9.6	95.2	95.8	80-120	1.05	20	
Cadmium	mg/Kg	10	9.4	9.4	93.6	94.1	80-120	0	20	
Barium	mg/Kg	10	9.8	9.7	97.6	96.9	80-120	1.03	20	
Mercury	mg/Kg	1.3	1.1	1.1	88.6	89.9	80-120	0	20	
Lead	mg/Kg	10	9.4	9.4	94.4	94.5	80-120	0	20	

MATRIX SPIKE SAMPLE: 293138 Original: 2387961004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	17	20	46	144	75-125	J4
Arsenic	mg/Kg	2.9	20	26	115	75-125	
Selenium	mg/Kg	0.2	20	21	106	75-125	
Silver	mg/Kg	0.15	20	25	126	75-125	J4
Cadmium	mg/Kg	0.4	20	26	130	75-125	J4
Barium	mg/Kg	27	20	68	206	75-125	J4

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 293138

Original: 2387961004

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.63	2.5	4.7	161	75-125	J4
Lead	mg/Kg	48	20	98	251	75-125	J4h

SAMPLE DUPLICATE: 293137

Original: 2387961004

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	17	22	11.1	20	
Arsenic	mg/Kg	2.9	3.6	3.39	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	0.4	0.52i	9.52	20	
Barium	mg/Kg	27	34	3.64	20	
Mercury	mg/Kg	0.63	0.83	9.09	20	
Lead	mg/Kg	48	62	6.06	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15691	Analysis Method:		EPA 6020		
QC Batch Method:	EPA 3050B (mod)					
Associated Lab Samples:	2387961005	2387961006	2387961007	2387961008	2387961009	2387961010
	2387961011	2387961012	2387961013	2387961014	2387961015	2387961016
	2387961017	2387961018	2387976001	2387976002	2387976003	2387976004
	2387976005	2387976006				

METHOD BLANK: 293186

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/Kg	U	0.11	
Arsenic	mg/Kg	U	0.041	
Selenium	mg/Kg	U	0.23	
Silver	mg/Kg	U	0.15	
Cadmium	mg/Kg	U	0.046	
Barium	mg/Kg	U	0.11	
Mercury	mg/Kg	U	0.061	
Lead	mg/Kg	U	0.039	

LABORATORY CONTROL SAMPLE & LCSD: 293187 293188

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	10	9.7	9.7	97.3	97.2	80-120	0	20	
Arsenic	mg/Kg	10	9.4	9.4	94.4	94.1	80-120	0	20	
Selenium	mg/Kg	10	9.3	9.2	92.7	91.6	80-120	1.08	20	
Silver	mg/Kg	10	9.4	9.4	93.6	93.5	80-120	0	20	
Cadmium	mg/Kg	10	9.3	9.1	92.6	91.5	80-120	2.17	20	
Barium	mg/Kg	10	9.7	9.7	97.4	96.6	80-120	0	20	
Mercury	mg/Kg	1.3	1.1	1.1	89.5	90.9	80-120	0	20	
Lead	mg/Kg	10	9.4	9.3	94.1	93	80-120	1.07	20	

MATRIX SPIKE SAMPLE: 293190 Original: 2387976006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/Kg	1.7	20	22	103	75-125	
Arsenic	mg/Kg	0.27	20	21	102	75-125	
Selenium	mg/Kg	0.12	20	20	98.5	75-125	
Silver	mg/Kg	0.017	20	20	100	75-125	
Cadmium	mg/Kg	0.043	20	20	98.5	75-125	
Barium	mg/Kg	1.9	20	23	104	75-125	

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QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

MATRIX SPIKE SAMPLE: 293190

Original: 2387976006

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/Kg	0.016	2.5	2.4	94	75-125	
Lead	mg/Kg	1	20	21	98.2	75-125	

SAMPLE DUPLICATE: 293189

Original: 2387976006

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/Kg	1.7	1.8	0	20	
Arsenic	mg/Kg	0.27	0.29i	0	20	
Selenium	mg/Kg	U	U	0	20	
Silver	mg/Kg	U	U	0	20	
Cadmium	mg/Kg	U	U	0	20	
Barium	mg/Kg	1.9	2.0	0	20	
Mercury	mg/Kg	U	U	0	20	
Lead	mg/Kg	1	1.1	0	20	



QUALITY CONTROL DATA

Workorder: 2387961

Project ID: Homestead Triangle

QC Batch:	MXX/15715	Analysis Method:		EPA 1311/200.8		
QC Batch Method:	EPA 200.2 mod.					
Associated Lab Samples:	2387933026	2387933027	2387933028	2387933029	2387933030	2387933031
	2387961001	2387961003	2387961005	2387961007	2387961008	2387961009
	2387961011	2387961012	2387961013	2387961014	2387961017	2387961018

METHOD BLANK: 293886

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chromium	mg/L	U	0.000067	
Mercury	mg/L	U	0.00018	
Lead	mg/L	U	0.000029	

LABORATORY CONTROL SAMPLE & LCSD: 293887 293888

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.05	0.051	0.051	101	102	85-115	0	20	
Mercury	mg/L	0.005	0.0048	0.0048	95.2	96.7	85-115	0	20	
Lead	mg/L	0.05	0.052	0.051	104	102	85-115	1.94	20	

MATRIX SPIKE SAMPLE: 293890 Original: 2388160002

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	0.0004	0.05	0.045	88.5	70-130	
Mercury	mg/L	0	0.02	0.015	74	70-130	
Lead	mg/L	0.00041	0.05	0.042	82.8	70-130	

SAMPLE DUPLICATE: 293889 Original: 2388160002

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Chromium	mg/L	0.0004	0.00041i	2.47	20	
Mercury	mg/L	U	U	0	20	
Lead	mg/L	0.00041	0.00030i	31	20	



QUALITY CONTROL DATA QUALIFIERS

Workorder: 2387961

Project ID: Homestead Triangle

QUALITY CONTROL PARAMETER QUALIFIERS

- J4 MS/MSD precision exceeded control limits due to matrix interference. LCS/LCSD precision was within acceptable range
- J4 MS/MSD recovery exceeded control limits due to matrix interference. LCS/LCSD recovery was within acceptable range.
- J4h MS/MSD recovery exceeded control limits due to high background sample concentration. LCS/LCSD recovery was within acceptable range.
- P Results vary by more than allowed by precision requirement for method.
- P1 RPD value not applicable for sample concentrations less than 5 times the PQL.
- V Indicates that the analyte was detected in both the sample and the associated method blank.
- V1 Indicates that the analyte was detected in the method blank but was not detected in the associated sample(s).



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387961019	7W	EPA 3510C SIM	XXX/17837	EPA 8270/PAH SIM	XMS/8988
2387961019	7W	EPA 3510C	XXX/17839	FL-PRO (GC)	XGCP/6211
2387961001	SB-3N-1 (0-0.5)	SM 2540G	WGR/6028		
2387961002	SB-3N-1 (0.5-2)	SM 2540G	WGR/6028		
2387961003	SB-3N-2 (0-0.5)	SM 2540G	WGR/6028		
2387961004	SB-3N-2 (0.5-2)	SM 2540G	WGR/6028		
2387961005	SB-3E-1 (0-0.5)	SM 2540G	WGR/6028		
2387961006	SB-3E-1 (0.5-2)	SM 2540G	WGR/6028		
2387961007	SB-3E-2 (0-0.5)	SM 2540G	WGR/6028		
2387961008	SB-3E-2 (0.5-2)	SM 2540G	WGR/6028		
2387961009	SB-3W-1 (0-0.5)	SM 2540G	WGR/6028		
2387961010	SB-3W-2 (0-0.5)	SM 2540G	WGR/6028		
2387961011	SB-3S-1 (0-0.5)	SM 2540G	WGR/6028		
2387961012	SB-3S-2 (0-0.5)	SM 2540G	WGR/6028		
2387961013	SB-2N-1 (0-0.5)	SM 2540G	WGR/6028		
2387961014	SB-2N-2 (0-0.5)	SM 2540G	WGR/6028		
2387961015	SB-2S-1	SM 2540G	WGR/6028		
2387961016	SB-2S-2	SM 2540G	WGR/6028		
2387961017	SB-2W-1	SM 2540G	WGR/6028		
2387961018	SB-2W-2	SM 2540G	WGR/6028		
2387961013	SB-2N-1 (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387961014	SB-2N-2 (0-0.5)	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387961015	SB-2S-1	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8988
2387961016	SB-2S-2	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991
2387961017	SB-2W-1	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991
2387961018	SB-2W-2	EPA 3545	XXX/17841	EPA 8310 List by 8270E SIM (S)	XMS/8991



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387961019	7W	EPA 200.2 mod.	MXX/15673	EPA 200.8 (Dissolved)	MMS/13925
2387961019	7W	EPA 200.2 mod.	MXX/15674	EPA 200.8 (Total)	MMS/13925
2387961019	7W	EPA 5030B	VXX/11984	EPA 8260C	VMS/11806
2387961001	SB-3N-1 (0-0.5)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961002	SB-3N-1 (0.5-2)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961003	SB-3N-2 (0-0.5)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961004	SB-3N-2 (0.5-2)	EPA 3050B (mod)	MXX/15688	EPA 6020	MMS/13936
2387961005	SB-3E-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961006	SB-3E-1 (0.5-2)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961007	SB-3E-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961008	SB-3E-2 (0.5-2)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961009	SB-3W-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961010	SB-3W-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961011	SB-3S-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961012	SB-3S-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961013	SB-2N-1 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961014	SB-2N-2 (0-0.5)	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961015	SB-2S-1	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961016	SB-2S-2	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961017	SB-2W-1	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961018	SB-2W-2	EPA 3050B (mod)	MXX/15691	EPA 6020	MMS/13938
2387961001	SB-3N-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961003	SB-3N-2 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961005	SB-3E-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961007	SB-3E-2 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2387961

Project ID: Homestead Triangle

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2387961008	SB-3E-2 (0.5-2)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961009	SB-3W-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961011	SB-3S-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961012	SB-3S-2 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961013	SB-2N-1 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961014	SB-2N-2 (0-0.5)	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961017	SB-2W-1	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961
2387961018	SB-2W-2	EPA 200.2 mod.	MXX/15715	EPA 1311/200.8	MMS/13961

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ADD – ONS

Client Company: Stantec

Client Contact: Kevin Yue

Log #: 2387474; 2387933; 2387961

Date Requested: 10/18/23

Due Date: 10/25/23

Order Taken By: GPS

Note: Email the Appropriate Department – Attach One Copy to Chain

Lab ID	Sample ID	Analysis Requested
2387474006	SB-2 (0.5-2)	TCLP As
2387474010	SB-3 (0.5-2)	TCLP As
2387933001	SB-7N (0-0.5)	TCLP Lead
2387933002	SB-7N (0.5-2)	
2387933004	SB-7 (0-0.5)	
2387933005	SB-7 (0.5-2)	
2387933007	SB-7E (0-0.5)	
2387933008	SB-7E (0.5-2)	
2387933010	SB-7S (0-0.5)	
2387933011	SB-7S (0.5-2)	TCLP Chromium
2387933013	SB-7W (0-0.5)	TCLP Lead
2387933014	SB-7W (0.5-2)	
2387933016	SB-6N-1 (0-0.5)	
2387933018	SB-6S-1 (0-0.5)	
2387933019	SB-6W-1 (0-0.5)	
2387933020	SB-6W-2 (0-0.5)	
2387933021	SB-6S-2 (0-0.5)	
2387933022	SB-5N-1 (0-0.5)	TCLP Cr, Pb and Hg
2387933023	SB-5N-2 (0-0.5)	TCLP Lead
2387933024	SB-5E-1 (0-0.5)	
2387933026	SB-5W-1 (0-0.5)	TCLP As, Cr and Pb
2387933027	SB-5W-2 (0-0.5)	TCLP Lead
2387933028	SB-5W-3 (0-0.5)	
2387933029	SB-5W-4 (0-0.5)	

2387933030	SB-5S-1 (0-0.5)	TCLP Lead TCLP Cr and Pb TCLP Ba, Cr and Pb
2387933031	SB-5S-2 (0-0.5)	
2387933038	SB-4E-1 (0-0.5)	
2387933040	SB-4S-1 (0-0.5)	
2387933041	SB-4S-2 (0-0.5)	
2387933042	SB-4W-1 (0-0.5)	
2387961001	SB-3N-1 (0-0.5)	TCLP Cr, Pb and Hg
2387961003	SB-3N-2 (0-0.5)	TCLP Lead
2387961005	SB-3E-1 (0-0.5)	
2387961007	SB-3E-2 (0-0.5)	
2387961008	SB-3E-2 (0.5-2)	
2387961009	SB-3W-1 (0-0.5)	
2387961011	SB-3S-1 (0-0.5)	
2387961012	SB-3S-2 (0-0.5)	
2387961013	SB-2N-1 (0-0.5)	
2387961014	SB-2N-2 (0-0.5)	
2387961017	SB-2W-1	
2387961018	SB-2W-2	

Comments:

Company Name <u>Stantec</u>					LAB ANALYSIS										Requested Turnaround Time									
Address <u>380 Park Place Blvd</u>					Pres Codes															Note: Rush requests subject to acceptance by the laboratory				
City <u>Clearwater</u> State <u>FL</u> Zip _____					Parameters	RCRA 8 Metals														<input checked="" type="checkbox"/> Standard				
Sampling Site Address _____																				<input type="checkbox"/> Expedited				
Attn: <u>Kevin Yue</u> Email _____																				Due ___/___/___				
Project Name <u>Homestead Triangle</u> Project # _____																								
Sampler Name/Signature <u>E. Gonzalez</u>																								
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont															Field Filtered (Y/N)	Comments			
1	SB-3N-1(0-0.5)	10/5/23	1050	S	1																			
2	SB-3N-1(0.5-2)	↓	1055																					
3	SB-3N-2(0-0.5)	↓	1105																					
4	SB-3N-2(0.5-2)	↓	1110																					
5	SB-3E-1(0-0.5)	↓	1120																					
6	SB-3E-1(0.5-2)	↓	1125																					
7	SB-3E-2(0-0.5)	↓	1135																					
8	SB-3E-2(0.5-2)	↓	1140																					
9	SB-3W-1(0-0.5)	↓	1150																					
0	SB-3W-2(0-0.5)	↓	1200																					

Matrix Codes*		Pres Codes		Relinquished by		Date	Time	Received by		Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	E. Gonzalez FX		10/5/23	1240	Paul F		10/6/23	1240
GW Ground Water	SL Sludge	B- HNO ₃	O- Other			10-4-23	1960			E. Gonzalez	
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH								
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃								
		E- HCl	Z- ZnAc								

QA/QC level with report
 None 1 2 3 See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 4 °C

Company Name Stantec			LAB ANALYSIS										Requested Turnaround Time Note: Rush requests subject to acceptance by the laboratory ___ Standard ___ Expedited Due ___/___/___
Address			Parameters	Pres Codes	RCRA 8 Metals	PAHs 8270	RCRA 8 Metals Dis	RCRA 8 Metals Tot	8260 VOCs	TRPH FLPRO	Field Filtered (Y/N)		
City State Zip													
Sampling Site Address													
Attn: Kevin Yue Email													
Project Name Homestead Triangle Project #													
Sampler Name/Signature E. Gonzalez													

#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont	RCRA 8 Metals	PAHs 8270	RCRA 8 Metals Dis	RCRA 8 Metals Tot	8260 VOCs	TRPH FLPRO	Field Filtered (Y/N)	Comments
1	SB-3S-1(0-0.5)	10/5/23	1210	S	1	X							
2	SB-3S-2(0-0.5)		1220			X							
3	SB-2N-1(0-0.5)		1250			X	X						
4	SB-2N-2(0-0.5)		1300			X	X						
5	SB-2S-1		1310			X	X						
6	SB-2S-2		1320			X	X						
7	SB-2W-1		1330			X	X						
8	SB-2W-2		1340			X	X						
9	7W		1410	GW	7		X	X	X	X	X		
0													

Matrix Codes*		Pres Codes		Relinquished by	Date	Time	Received by	Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	<i>E. Gonzalez</i> FLX	10/6/23	1240	<i>FLX</i>	10/6/23	1240
GW Ground Water	SL Sludge	B- HNO ₃	O- Other		10-6-23	1400	<i>FLX</i>	10-6-23	1400
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH				<i>E. Gonzalez</i>	10/7	12:15
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃						
		E- HCl	Z- ZnAc						

QA/QC level with report
 None 1 2 3 See price guide for applicable fees

FDEP Dry Cleaning FDEP UST Pre-Approval
 SFWMD ADaPT DOT

Temp Control: 4 °C

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	2387961	Profile:	4527
Client:	Stantec	Project:	K. Yue
Level:	1	Date Rec'd:	10/7/2023 12:15:00 PM
Rec'd via:	courier		

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice	Security Tape		Comments	Temp Gun ID
				Present	Intact		
	4.0	19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	Yes	Written on Internal COC?	No
pH Strip Lot #	HC205981	Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #	25371,22633	Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)	Domestic	COC Comments written on COC?	No
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	No
Number of Encores	0	Number of Lab Filtered Metals	1

Samples Labeled by KS o 10/9/2023 Labels Confirmed by AOJ o 10/9/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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December 5, 2023

Kevin Yue
Stantec
380 Park Place Blvd
Clearwater, FL 33759

RE: LOG# 2388660
Project ID: SFRPC Triangle Property

Dear Kevin Yue:

Enclosed are the analytical results for sample(s) received by the laboratory on Saturday, December 02, 2023. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

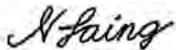
Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

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

Sincerely,



Nicole Laing for
Kacia Baldwin
kaciab@jupiterlabs.com



SAMPLE ANALYTE COUNT

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID	Sample ID	Method	Analytes Reported
2388660001	GWP-1 (26-30)	EPA 8270/PAH SIM	21
2388660002	TMW-7	EPA 8270/PAH SIM	21
2388660003	TMW-8	EPA 8270/PAH SIM	21
2388660004	TMW-9	EPA 8270/PAH SIM	21



SAMPLE SUMMARY

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2388660001	GWP-1 (26-30)	Aqueous Liquid	11/29/2023 12:38	12/2/2023 13:00
2388660002	TMW-7	Aqueous Liquid	11/30/2023 14:12	12/2/2023 13:00
2388660003	TMW-8	Aqueous Liquid	11/30/2023 13:28	12/2/2023 13:00
2388660004	TMW-9	Aqueous Liquid	11/30/2023 14:53	12/2/2023 13:00

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID: **2388660001** Date Received: 12/2/2023 13:00 Matrix: Aqueous Liquid
Sample ID: **GWP-1 (26-30)** Date Collected: 11/29/2023 12:38

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)

Preparation Method: EPA 3510C SIM

Analytical Method: EPA 8270/PAH SIM

1-Methylnaphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
2-Methylnaphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Acenaphthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Acenaphthylene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Benzo(a)anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Benzo(a)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Benzo(b)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Benzo(g,h,i)perylene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Benzo(k)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Chrysene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Dibenzo(a,h)anthracene	U	ug/L	0.046	0.0046	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Fluoranthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Fluorene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Indeno(1,2,3-cd)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Naphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Phenanthrene	U	ug/L	0.370	0.185	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Pyrene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
Nitrobenzene-d5 (S)	65	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
2-Fluorobiphenyl (S)	59	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB
p-Terphenyl-d14 (S)	72	%	30-140		1	12/4/2023 13:48	JL	12/5/2023 05:06	TDB



ANALYTICAL RESULTS

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID: **2388660002** Date Received: 12/2/2023 13:00 Matrix: Aqueous Liquid
Sample ID: **TMW-7** Date Collected: 11/30/2023 14:12

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)

Preparation Method: EPA 3510C SIM

Analytical Method: EPA 8270/PAH SIM

1-Methylnaphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
2-Methylnaphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Acenaphthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Acenaphthylene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Benzo(a)anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Benzo(a)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Benzo(b)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Benzo(g,h,i)perylene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Benzo(k)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Chrysene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Dibenzo(a,h)anthracene	U	ug/L	0.046	0.0046	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Fluoranthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Fluorene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Indeno(1,2,3-cd)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Naphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Phenanthrene	U	ug/L	0.370	0.185	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Pyrene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
Nitrobenzene-d5 (S)	64	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
2-Fluorobiphenyl (S)	59	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB
p-Terphenyl-d14 (S)	73	%	30-140		1	12/4/2023 13:48	JL	12/5/2023 05:28	TDB



ANALYTICAL RESULTS

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID: **2388660003** Date Received: 12/2/2023 13:00 Matrix: Aqueous Liquid
Sample ID: **TMW-8** Date Collected: 11/30/2023 13:28

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)

Preparation Method: EPA 3510C SIM

Analytical Method: EPA 8270/PAH SIM

1-Methylnaphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
2-Methylnaphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Acenaphthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Acenaphthylene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Benzo(a)anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Benzo(a)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Benzo(b)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Benzo(g,h,i)perylene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Benzo(k)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Chrysene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Dibenzo(a,h)anthracene	U	ug/L	0.046	0.0046	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Fluoranthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Fluorene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Indeno(1,2,3-cd)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Naphthalene	U	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Phenanthrene	U	ug/L	0.370	0.185	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Pyrene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
Nitrobenzene-d5 (S)	60	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
2-Fluorobiphenyl (S)	56	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB
p-Terphenyl-d14 (S)	69	%	30-140		1	12/4/2023 13:48	JL	12/5/2023 05:50	TDB



ANALYTICAL RESULTS

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID: **2388660004** Date Received: 12/2/2023 13:00 Matrix: Aqueous Liquid
Sample ID: **TMW-9** Date Collected: 11/30/2023 14:53

Parameters	Results	Units	PQL	MDL	DF Prepared	By	Analyzed	By	Qual
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Semivolatiles by EPA 8270C

Analysis Desc: PAH List by 8270 SIM (W)

Preparation Method: EPA 3510C SIM

Analytical Method: EPA 8270/PAH SIM

1-Methylnaphthalene	0.060i	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
2-Methylnaphthalene	0.115	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Acenaphthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Acenaphthylene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Benzo(a)anthracene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Benzo(a)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Benzo(b)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Benzo(g,h,i)perylene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Benzo(k)fluoranthene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Chrysene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Dibenzo(a,h)anthracene	U	ug/L	0.046	0.0046	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Fluoranthene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Fluorene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Indeno(1,2,3-cd)pyrene	U	ug/L	0.046	0.014	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Naphthalene	0.077i	ug/L	0.093	0.046	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Phenanthrene	U	ug/L	0.370	0.185	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Pyrene	U	ug/L	0.046	0.023	1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
Nitrobenzene-d5 (S)	58	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
2-Fluorobiphenyl (S)	54	%	30-110		1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB
p-Terphenyl-d14 (S)	71	%	30-140		1	12/4/2023 13:48	JL	12/5/2023 06:12	TDB



ANALYTICAL RESULTS QUALIFIERS

Workorder: 2388660

Project ID: SFRPC Triangle Property

PARAMETER QUALIFIERS

PROJECT COMMENTS

2388660

A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

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QUALITY CONTROL DATA

Workorder: 2388660

Project ID: SFRPC Triangle Property

QC Batch: XXX/18007 Analysis Method: EPA 8270/PAH SIM
QC Batch Method: EPA 3510C SIM
Associated Lab Samples: 2388652001 2388660001 2388660002 2388660003 2388660004 2388673001

METHOD BLANK: 296295

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by EPA 8270C				
Nitrobenzene-d5 (S)	%	75	30-110	
2-Fluorobiphenyl (S)	%	63	30-110	
p-Terphenyl-d14 (S)	%	72	30-140	
Naphthalene	ug/L	U	0.013	
2-Methylnaphthalene	ug/L	U	0.013	
1-Methylnaphthalene	ug/L	U	0.013	
Acenaphthylene	ug/L	U	0.00625	
Acenaphthene	ug/L	U	0.00625	
Fluorene	ug/L	U	0.00625	
Phenanthrene	ug/L	U	0.050	
Anthracene	ug/L	U	0.00625	
Fluoranthene	ug/L	U	0.00625	
Pyrene	ug/L	U	0.00625	
Benzo(a)anthracene	ug/L	U	0.00625	
Chrysene	ug/L	U	0.00625	
Benzo(b)fluoranthene	ug/L	U	0.00375	
Benzo(k)fluoranthene	ug/L	U	0.00375	
Benzo(a)pyrene	ug/L	U	0.00375	
Dibenzo(a,h)anthracene	ug/L	U	0.00125	
Indeno(1,2,3-cd)pyrene	ug/L	U	0.00375	
Benzo(g,h,i)perylene	ug/L	U	0.00375	

LABORATORY CONTROL SAMPLE & LCSD: 296296 296297

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by EPA 8270C										
Nitrobenzene-d5 (S)	%				81	81	30-110	0		
2-Fluorobiphenyl (S)	%				66	67	30-110	0.8		
p-Terphenyl-d14 (S)	%				80	83	30-140	4		
Naphthalene	ug/L	0.201	0.152	0.150	76	75	30-140	1	40	
2-Methylnaphthalene	ug/L	0.201	0.141	0.139	70	69	30-140	1	40	
1-Methylnaphthalene	ug/L	0.202	0.142	0.141	71	70	30-140	0.7	40	
Acenaphthylene	ug/L	0.2	0.134	0.131	67	66	30-120	2	40	
Acenaphthene	ug/L	0.2	0.147	0.145	73	73	30-120	1	40	
Fluorene	ug/L	0.2	0.144	0.144	72	72	30-140	0	40	

Report ID: 2388660 - 3879590
12/5/2023

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QUALITY CONTROL DATA

Workorder: 2388660

Project ID: SFRPC Triangle Property

LABORATORY CONTROL SAMPLE & LCSD: 296296

296297

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Phenanthrene	ug/L	0.202	0.149	0.147	74	73	30-120	1	40	
Anthracene	ug/L	0.2	0.132	0.133	66	67	30-140	0.8	40	
Fluoranthene	ug/L	0.2	0.136	0.135	68	67	30-120	0.7	40	
Pyrene	ug/L	0.2	0.163	0.167	82	83	40-140	2	40	
Benzo(a)anthracene	ug/L	0.201	0.146	0.143	73	71	30-120	2	40	
Chrysene	ug/L	0.201	0.155	0.157	77	78	30-140	1	40	
Benzo(b)fluoranthene	ug/L	0.202	0.142	0.137	70	68	30-140	4	40	
Benzo(k)fluoranthene	ug/L	0.201	0.152	0.146	76	72	30-140	4	40	
Benzo(a)pyrene	ug/L	0.2	0.136	0.133	68	66	30-140	2	40	
Dibenzo(a,h)anthracene	ug/L	0.201	0.150	0.149	75	74	30-140	0.7	40	
Indeno(1,2,3-cd)pyrene	ug/L	0.201	0.130	0.125	65	62	30-140	4	40	
Benzo(g,h,i)perylene	ug/L	0.201	0.153	0.155	76	77	30-120	1	40	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2388660

Project ID: SFRPC Triangle Property

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2388660001	GWP-1 (26-30)	EPA 3510C SIM	XXX/18007	EPA 8270/PAH SIM	XMS/9048
2388660002	TMW-7	EPA 3510C SIM	XXX/18007	EPA 8270/PAH SIM	XMS/9048
2388660003	TMW-8	EPA 3510C SIM	XXX/18007	EPA 8270/PAH SIM	XMS/9048
2388660004	TMW-9	EPA 3510C SIM	XXX/18007	EPA 8270/PAH SIM	XMS/9048

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SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG: 2388660	Profile: 4527
Client: Stantec	Project: K. Yue
Level: 1	Date Rec'd: 12/2/2023 1:00:00 PM
Rec'd via: courier	

Cooler Check

ID	Temp (C)	# of samples	Arrived on Ice		Security Tape		Comments	Temp Gun ID
			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Present	Intact		
	4.0	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Temp Gun 2

Checked By: AOJ

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	No	Written on Internal COC?	No
pH Strip Lot #		Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #		Samples Rec'd W/ Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign)		COC Comments written on COC?	No
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes	Client Notified of discrepancies?	No
JEL to Conduct ALL Analyses?	Yes	Do VOC vials have headspace or a bubble >6mm (1/4")?	N/A
Number of Encores	0	Number of Lab Filtered Metals	0

Samples Labeled by KS 12/4/2023 Labels Confirmed by AOJ 12/4/2023

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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