



September 24, 2021

Somerset Marina, LLC
2010 Turner Point
Dadeville, Alabama 36853

Attention: Mr. Eric Jerger
jergeree@gmail.com

Subject: Phase I Environmental Site Assessment
Former Fomby's Marina
2027 Barrons Bridge Road
Dadeville, Tallapoosa County, Alabama 36853

Dear Mr. Jerger,

Mill Creek Environmental, LLC (MCE) has completed a Limited Subsurface Investigation (LSI) for the property located at 2027 Barrons Bridge Road in Dadeville, Tallapoosa County, Alabama (the "Site"). The purpose of the LSI was to determine if petroleum compounds were present in the soil beneath underground product lines or fuel dispenser near a gas dock at the marina. This LSI was completed in general accordance with ASTM E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process.

A summary of the findings of this Limited Subsurface Investigation is provided below:

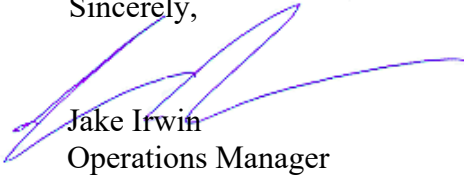
- Three soil borings were completed along the piping run and at the base of the former fuel dispenser at the subject property.
- One soil sample from each soil boring was submitted for laboratory analysis;
- No petroleum compounds (BTEX, MTBE, or PAHs) were detected in any of the samples submitted for laboratory analysis.
- Lead was detected at concentrations ranging from 4.43 mg/kg to 12.3 mg/kg in each of the three soil samples submitted for laboratory analysis.
- The observed lead concentrations are below the RSLs of 400 mg/kg established for residential properties and 800 mg/kg established for industrial properties and are consistent with published data regarding naturally-occurring lead concentrations in Alabama.

Based on the low concentrations of lead and the absence of petroleum compounds observed in these three samples, it appears that the lead is naturally-occurring and is representative of "background" concentrations rather than a release of fuel from the product lines or former dispenser.

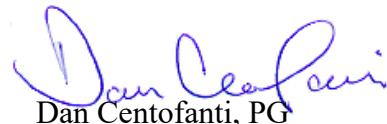
MCE does not recommend any additional assessment of the subject property at this time.

If you have questions or need additional information, please contact the undersigned at 706-579-1607.

Sincerely,



Jake Irwin
Operations Manager



Dan Centofanti, PG
Alabama Professional Geologist #0250



Limited Subsurface Investigation

For:

**Former Fomby's Marina
2027 Barrons Bridge Road
Dadeville, Tallapoosa County, Alabama 36853**



Prepared for:

**Somerset Marina, LLC
2010 Turner Point
Dadeville, Alabama 36853**

Prepared by:

**Mill Creek Environmental, LLC
4055 Highway 53 East
Dawsonville, Georgia 30534**

MCE Project #: SPL-2101-2

September 2021



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1 CERTIFICATION

We have completed this assessment in accordance with generally accepted environmental practices and procedures as of the date of this report. We have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained within this assessment are based upon subject property conditions we readily observed or were reasonably ascertainable and present at the time of the subject property inspection, reasonably ascertainable regulatory information, and reasonably ascertainable historical information.

The scope of this assessment does not purport to encompass every report, record, or other form of documentation relevant to the property being evaluated. To the best of our knowledge, this Limited Subsurface Investigation has been completed in general compliance with ASTM Standard E1903-11 for Phase II Environmental Site Assessments.

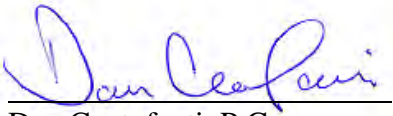
We declare that we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property.

Prepared By:



Jake Irwin
Operations Manager

Reviewed By:



Dan Centofanti, P.G.
Alabama Professional Geologist #0250



2 INTRODUCTION

Mill Creek Environmental LLC (MCE) has completed a Limited Subsurface Investigation (LSI) for the former Fomby's Marina located at 2027 Barrons Bridge Road in Dadeville, Tallapoosa County, Alabama (the "subject property"). The LSI was completed at the request of Mr. Eric Jeager of Somerset Marina, LLC. The scope of work was completed in general accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (E1903-11).

2.1 Purpose

The purpose of this investigation was to evaluate whether soil and/or groundwater at the subject property has been impacted by the historical presence of underground fuel transfer lines and a fuel dispenser near a refueling dock at the marina.

2.2 Scope of Work

The scope of work for the LSI included the following tasks:

- **TASK 1** - Prior to drilling, MCE contacted Alabama 811 One-Call utilities protection center to locate underground utilities around the subject property. Other utility protection measures included a visual assessment of the work area to avoid potential damage to underground utilities.
- **TASK 2** - Three soil borings were drilled with a hand auger to assess soil conditions along the piping run and at the base of the former dispenser. The borings were drilled in locations selected based on marked or suspected underground utilities, topography, and proximity to the fueling system components. Each of the soil borings was terminated upon contact with saturated soil.
- **TASK 3** - Continuous soil samples were collected from each soil boring for physical description and were screened for visual or olfactory evidence of petroleum contamination.
- **TASK 4** - One soil sample from each location was submitted to a certified laboratory to be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl tert-butyl ether (MTBE) by EPA Method 8260D, for polyaromatic hydrocarbons (PAHs) by EPA Method 8270C, and for lead by EPA Method 6010C.
- **TASK 5** - This report was prepared to document the findings of the LSI.

2.3 Limitations

The report and any other information which MCE prepared and submitted to **Somerset Marina, LLC**, (*the user*), in connection with this project (the "Report"), are for the sole use and benefit of the *user* and may not be used or relied upon by any other person or entity without the prior written consent of the *user* and MCE, except as provided for specifically in the agreement. Any such consent given by MCE will be deemed to be and will be subject to the terms and conditions

as MCE may reasonably require, including without limitation a monetary limit to MCE's liability to any person granted such consent (the "Grantee"), and any such Grantee will be deemed to have agreed to such terms and conditions by its use and reliance on the Report. The use or re-use of this document or the findings, conclusions, or recommendations presented herein, by any other party or parties is at the sole risk of said *user*.

MCE and the *user* agree that (1) the information in the Report relates only to the property specifically described in the Report and was presented in accordance with and subject to the scope of work described in the Report or specifically agreed to by MCE and the *user*; (2) the information and conclusions provided in the Report apply only to the subject property as it existed at the time of MCE's limited assessment. Should subject property use or conditions change or should there be changes in applicable laws, standards, or technology, the information and conclusions in the Report may no longer apply; (3) MCE makes no representations regarding the value or marketability of this property or its suitability for any particular use, and none should be inferred based on the Report; (4) the Report is intended to be used in its entirety and no excerpts may be taken to be representative of the findings of this investigation; and (5) environmental land-use issues and constraints of possible relevance (e.g., wetland surveys, sensitive habitats, radon, lead paint, asbestos, etc.) were not included in this scope of services.

3 SUBJECT PROPERTY DESCRIPTION

The subject property consists of one parcel identified in the Tallapoosa County Tax Assessor's database as Parcel Number 62-19-02-09-0-003-039.000, totaling approximately 0.75 acres. Ground cover at the subject property consists primarily of pavement, commercial structures and grass. A 2,850 square-foot workshop used for boat engine repair is present along Barrons Bridge Road. A 1,500 square-foot storage building and a 4,800 square-foot pavilion used for boat storage are present along the southeastern boundary of the subject property. Several docks and a seawall are present along the property boundary adjacent to Martin Lake.

The subject property location is provided as **Figure 1**. Site layout and analytical results are provided in **Figure 2**.

4 BACKGROUND INFORMATION

MCE completed a Phase I Environmental Site Assessment (Phase I ESA) for the subject property in August of 2021. During the site reconnaissance visit, MCE identified underground piping that formerly transferred fuel from two aboveground storage tanks (ASTs) outside the workshop to the former refueling dock located along the northern boundary of the subject property. The presence of underground fuel piping was identified as a recognized environmental condition (REC) as defined by ASTM Standard practice E1527-13. MCE recommended completion of a limited subsurface investigation to address the presence of this REC.

5 INVESTIGATION METHODS

On September 16, 2021, a hand auger was used to drill three-inch diameter soil borings in three locations (SB-01 through SB-03) along the piping run and at the base of the former dispenser. Continuous soil samples were collected from each soil boring from ground surface to depths ranging from 2 to 5 feet below ground surface (bgs). Soil samples were collected from the deepest interval above saturated soil. Soil samples selected for laboratory analysis were labeled by location and depth (e.g. Sample SB-01 (4-5) was collected from soil boring SB-01 at a depth interval of 4-5 ft bgs).

5.1 Soil Boring Locations

Soil boring locations were selected based on marked or suspected underground utilities, topography, and proximity to the fueling system components.

SB-1 This soil boring location was selected to assess soil conditions at the edge of the pavement downgradient of the ASTs near the beginning of the piping run. Ground cover at this location was grass. Soil boring SB-01 was drilled to a total depth of 5 ft bgs, where saturated soil was encountered. A slight petroleum odor was noted in this boring but no visual evidence of petroleum was present. Soil sample SB-01 (4-5) was collected at this location.

SB-2 This soil boring location was selected to assess soil conditions along the piping run midway between the ASTs and the former fuel dispenser. Ground cover at this location was grass. Hand auger refusal was encountered at 1-2 feet bgs in shallow fill materials (gravel) in several locations near this boring. Soil boring SB-02 was drilled to a total depth of 3.5 ft bgs, where saturated soil was encountered. No petroleum odors were noted in boring and no visual evidence of petroleum was present. Soil sample SB-2 (2-3) was collected at this location.

SB-3 This soil boring location was selected to assess soil conditions near the former fuel dispenser at the northern end of the piping run. Ground cover at this location was grass. Soil boring SB-03 was drilled to a total depth of 2 ft bgs, where saturated soil was encountered. No petroleum odors were noted in boring and no visual evidence of petroleum was present. Soil sample SB-3 (1-2) was collected at this location.

Soil boring locations are shown on **Figure 2**.

5.2 Soil Sampling Procedures

Continuous soil samples were collected from ground surface to depths ranging from 2 to 5 ft bgs for physical description and chemical analysis. Soil samples selected for laboratory analysis were collected from the hand auger bucket and placed directly into laboratory-provided containers, sealed, labeled, packed on ice, and hand delivered to Analytical Environmental Services (AES) in Atlanta, Georgia under standard chain-of-custody procedures. Each of the soil samples was analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl tert-butyl ether

(MTBE) by EPA Method 8260D, polyaromatic hydrocarbons (PAHs) by EPA Method 8270C, and lead by EPA Method 6010C.

5.3 Soil Boring Abandonment

Following completion of soil sampling activities, soil borings were backfilled with native soil to the original grade.

5.4 Sampling Equipment Cleaning

Non-disposable down-hole sampling equipment was cleaned between soil boring locations using a non-phosphate detergent and rinsed with clean tap water.

6 LABORATORY ANALYTICAL RESULTS

A summary of laboratory analytical results is provided in the following sections.

6.1 BTEX and MTBE

Benzene, toluene, ethylbenzene, xylenes, and methyl tert-butyl ether were not detected above laboratory reporting limits in any of the soil samples submitted for analysis.

6.2 PAHs

Polyaromatic hydrocarbons were not detected above laboratory reporting limits in any of the soil samples submitted for analysis.

6.3 Lead

Lead was detected in soil sample SB-01 (4-5) at a concentration of 12.3 milligrams per kilogram (mg/kg), in soil sample SB-02 (2-3) at a concentration of 6.58 mg/kg, and in SB-03 (1-2) at a concentration of 4.43 mg/kg.

The United States Environmental Protection Agency (USEPA) has established a risk-based regional screening level (RSL) of 400 mg/kg for lead in residential soil and of 800 mg/kg for lead in industrial soil. Based on the low concentrations of lead and the absence of petroleum compounds observed in these three samples, it appears that the lead is naturally-occurring and is representative of "background" concentrations rather than a release of fuel from the product lines or former dispenser. MCE reviewed USEPA Background Soil-Lead Survey data for the State of Alabama and confirmed that the median concentration of geogenic lead in Alabama is 12.1 mg/kg.

7 SUMMARY AND RECOMMENDATIONS

7.1 Summary

A summary of the findings of this Limited Subsurface Investigation is provided below:

- Three soil borings were completed along the piping run and at the base of the former fuel dispenser at the subject property.

- One soil sample from each soil boring was submitted for laboratory analysis;
- No petroleum compounds (BTEX, MTBE, or PAHs) were detected in any of the samples submitted for laboratory analysis.
- Lead was detected at concentrations ranging from 4.43 mg/kg to 12.3 mg/kg in each of the three soil samples submitted for laboratory analysis.
- The observed lead concentrations are below the RSLs of 400 mg/kg established for residential properties and 800 mg/kg established for industrial properties and are consistent with published data regarding naturally-occurring lead concentrations in Alabama.

Based on the low concentrations of lead and the absence of petroleum compounds observed in these three samples, it appears that the lead is naturally-occurring and is representative of “background” concentrations rather than a release of fuel from the product lines or former dispenser.

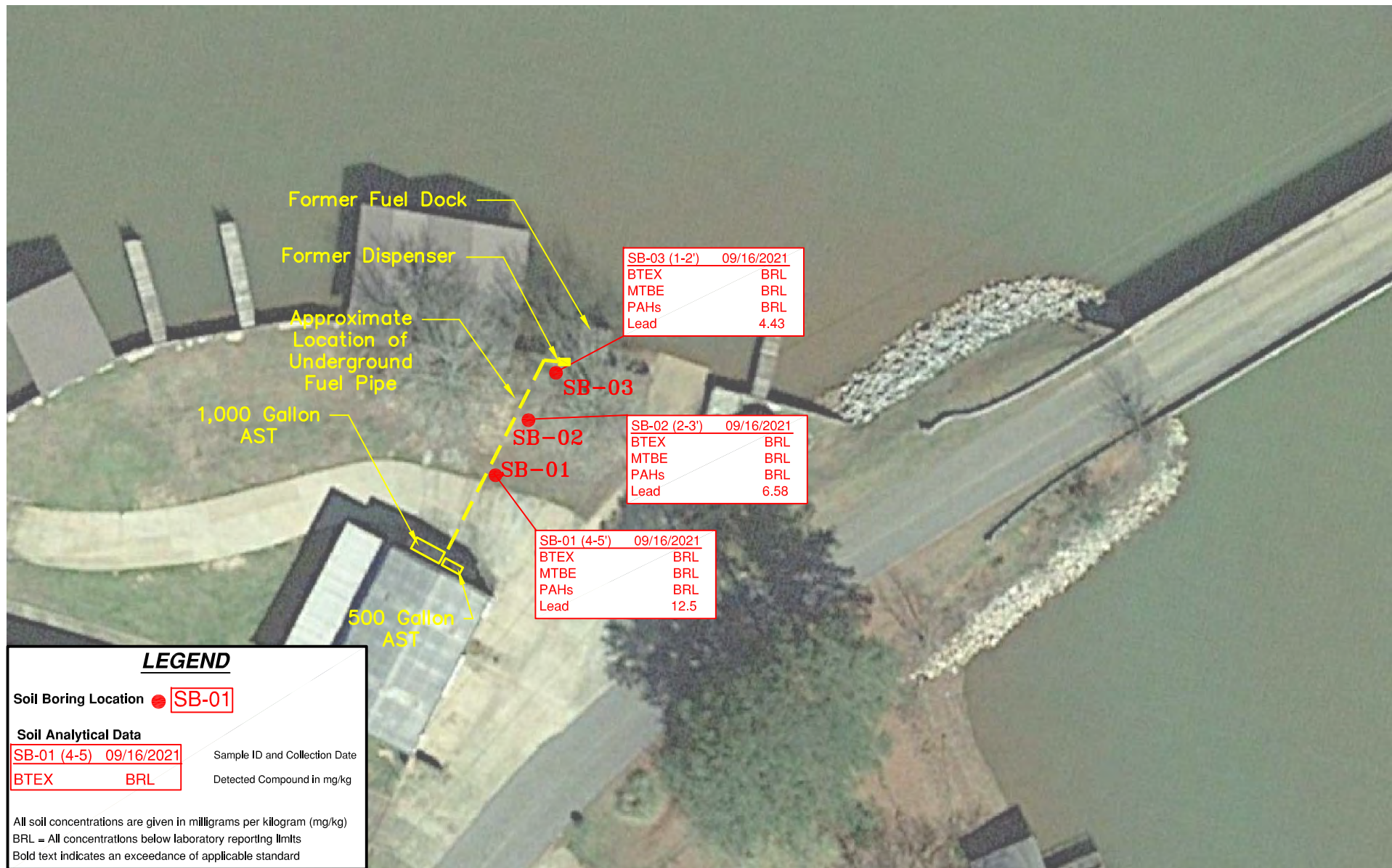
7.2 Recommendations

MCE does not recommend any additional assessment of the subject property at this time.

Figures



FIGURE 1: TOPOGRAPHIC MAP
Former Fomby's Marina
2027 Barrons Bridge Road
Dadeville, Tallapoosa County, Alabama 36853
MCE Job #: SPL-2101-2



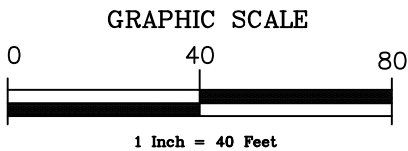
LEGEND

Soil Boring Location ● **SB-01**

Soil Analytical Data

SB-01 (4-5)	09/16/2021	Sample ID and Collection Date
BTEX	BRL	Detected Compound in mg/kg

All soil concentrations are given in milligrams per kilogram (mg/kg)
 BRL = All concentrations below laboratory reporting limits
 Bold text indicates an exceedance of applicable standard



Aerial Photo Source: Google Earth, 2019



FIGURE 2
Soil Analytical Result Summary
 September 16, 2021
 Former Fomby's Marina
 2027 Barrons Bridge Road
 Dadeville, Tallapoosa County, Alabama 36853
 MCE Job #: SPL-2101-2

Appendix A
Laboratory Analytical Report



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

September 20, 2021

Jake Irwin
Mill Creek Env. Services
4055 Highway 53 E
Dawsonville GA 30534

RE: Former Fomby's Marina

Dear Jake Irwin:

Order No: 2109J03

Analytical Environmental Services, Inc. received 3 samples on 9/16/2021 5:48:00 PM for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/21.

These results relate only to the items tested as received. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Mirzeta Kararic
Project Manager

Chain of Custody Record

Page 1 of 1



Mill Creek Environmental, LLC
 4055 Highway 53 East
 Dawsonville, Georgia 30534
 Phone: 706-579-1607
 Fax: 706-265-4916
 www.millcreekenvironmental.com

2109J03
~~2109J02~~ CP9-16
 2109J02 CP9-16

Client: Former Fomby's Marina	MCES Project #: SPL-2101-2
Send Report To: Mill Creek Environmental, LLC 1818 Perimeter Rd. Dawsonville, GA 30534	
Attn: J. Irwin	Submitted To: AES
Phone: 706-579-1607	Shipping Method: <u>In Person</u>
Email: jirwin@millcreekenvironmental.com	Airbill #: _____
Sampled By: <u>Austin Otis</u>	Signature: <u>[Signature]</u>
Turnaround Time: () Standard (X) Rush 24 hr 48hr. 72 hr.	

Requested Parameters

Sample ID	Date	Time	Grab (G) Comp. (C)	Matrix	BTEX + MTBE 8260D	PAH 8270C	Lead (Pb) 6010C	# and type of containers						Remarks					
								HCL	NaHSO ₄	H ₂ SO ₄	NaOH	MeOH	Unpreserved						
SB-01 (4-5)	9-16-21	1036	G	S	✓	✓	✓					2							
SB-02 (2-3)	9-16-21	1147	G	S	✓	✓	✓					2							
SB-03 (1-2)	9-16-21	1225	G	S	✓	✓	✓					2							

Comments: **RUSH 24 HOUR ANALYTICAL SERVICE REQUESTED**

Relinquished By: <u>[Signature]</u>	Date: <u>9-16-21</u>	Time: <u>17:48</u>	Received By: <u>[Signature]</u>	Date: <u>9-16-21</u>	Time: <u>17:48</u>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Client: Mill Creek Env. Services	Client Sample ID: SB-01 (4-5)
Project Name: Former Fomby's Marina	Collection Date: 9/16/2021 10:36:00 AM
Lab ID: 2109J03-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260D		(SW5035)						
m,p-Xylene	BRL	1.2		ug/Kg-dry	322561	1	09/17/2021 16:51	JV
o-Xylene	BRL	1.2		ug/Kg-dry	322561	1	09/17/2021 16:51	JV
Methyl tert-butyl ether	BRL	5.9		ug/Kg-dry	322561	1	09/17/2021 16:51	JV
Benzene	BRL	1.2		ug/Kg-dry	322561	1	09/17/2021 16:51	JV
Toluene	BRL	1.2		ug/Kg-dry	322561	1	09/17/2021 16:51	JV
Ethylbenzene	BRL	1.2		ug/Kg-dry	322561	1	09/17/2021 16:51	JV
Surr: 4-Bromofluorobenzene	96.8	66.5-131		%REC	322561	1	09/17/2021 16:51	JV
POLYAROMATIC HYDROCARBONS SW8270D		(SW3546)						
Naphthalene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Acenaphthylene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
1-Methylnaphthalene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
2-Methylnaphthalene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Acenaphthene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Fluorene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Phenanthrene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Anthracene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Fluoranthene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Pyrene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Benz(a)anthracene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Chrysene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Benzo(b)fluoranthene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Benzo(k)fluoranthene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Benzo(a)pyrene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Dibenz(a,h)anthracene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Benzo(g,h,i)perylene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Indeno(1,2,3-cd)pyrene	BRL	420		ug/Kg-dry	322515	1	09/17/2021 21:41	TO
Surr: 2-Fluorobiphenyl	69.1	51.7-120		%REC	322515	1	09/17/2021 21:41	TO
Surr: 4-Terphenyl-d14	82	51.2-117		%REC	322515	1	09/17/2021 21:41	TO
Surr: Nitrobenzene-d5	63.2	51.2-120		%REC	322515	1	09/17/2021 21:41	TO
METALS, TOTAL SW6010D		(SW3050B)						
Lead	12.5	4.46		mg/Kg-dry	322514	1	09/17/2021 12:55	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.4	0		wt%	R465228	1	09/19/2021 00:00	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Mill Creek Env. Services	Client Sample ID: SB-02 (2-3)
Project Name: Former Fomby's Marina	Collection Date: 9/16/2021 11:47:00 AM
Lab ID: 2109J03-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260D		(SW5035)						
m,p-Xylene	BRL	0.85		ug/Kg-dry	322561	1	09/17/2021 17:14	JV
o-Xylene	BRL	0.85		ug/Kg-dry	322561	1	09/17/2021 17:14	JV
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	322561	1	09/17/2021 17:14	JV
Benzene	BRL	0.85		ug/Kg-dry	322561	1	09/17/2021 17:14	JV
Toluene	BRL	0.85		ug/Kg-dry	322561	1	09/17/2021 17:14	JV
Ethylbenzene	BRL	0.85		ug/Kg-dry	322561	1	09/17/2021 17:14	JV
Surr: 4-Bromofluorobenzene	91.4	66.5-131		%REC	322561	1	09/17/2021 17:14	JV
POLYAROMATIC HYDROCARBONS SW8270D		(SW3546)						
Naphthalene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Acenaphthylene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
1-Methylnaphthalene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
2-Methylnaphthalene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Acenaphthene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Fluorene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Phenanthrene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Anthracene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Fluoranthene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Pyrene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Benz(a)anthracene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Chrysene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Benzo(b)fluoranthene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Benzo(k)fluoranthene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Benzo(a)pyrene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Dibenz(a,h)anthracene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Benzo(g,h,i)perylene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Indeno(1,2,3-cd)pyrene	BRL	380		ug/Kg-dry	322515	1	09/17/2021 12:42	TO
Surr: 2-Fluorobiphenyl	66.2	51.7-120		%REC	322515	1	09/17/2021 12:42	TO
Surr: 4-Terphenyl-d14	91	51.2-117		%REC	322515	1	09/17/2021 12:42	TO
Surr: Nitrobenzene-d5	57.6	51.2-120		%REC	322515	1	09/17/2021 12:42	TO
METALS, TOTAL SW6010D		(SW3050B)						
Lead	6.58	4.04		mg/Kg-dry	322514	1	09/17/2021 13:43	KB
PERCENT MOISTURE D2216								
Percent Moisture	13.0	0		wt%	R465228	1	09/19/2021 00:00	JW

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: Mill Creek Env. Services	Client Sample ID: SB-03 (1-2)
Project Name: Former Fomby's Marina	Collection Date: 9/16/2021 12:25:00 PM
Lab ID: 2109J03-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260D		(SW5035)						
m,p-Xylene	BRL	1.1		ug/Kg-dry	322561	1	09/17/2021 17:37	JV
o-Xylene	BRL	1.1		ug/Kg-dry	322561	1	09/17/2021 17:37	JV
Methyl tert-butyl ether	BRL	5.3		ug/Kg-dry	322561	1	09/17/2021 17:37	JV
Benzene	BRL	1.1		ug/Kg-dry	322561	1	09/17/2021 17:37	JV
Toluene	BRL	1.1		ug/Kg-dry	322561	1	09/17/2021 17:37	JV
Ethylbenzene	BRL	1.1		ug/Kg-dry	322561	1	09/17/2021 17:37	JV
Surr: 4-Bromofluorobenzene	97.2	66.5-131		%REC	322561	1	09/17/2021 17:37	JV
POLYAROMATIC HYDROCARBONS SW8270D		(SW3546)						
Naphthalene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Acenaphthylene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
1-Methylnaphthalene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
2-Methylnaphthalene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Acenaphthene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Fluorene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Phenanthrene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Anthracene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Fluoranthene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Pyrene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Benz(a)anthracene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Chrysene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Benzo(b)fluoranthene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Benzo(k)fluoranthene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Benzo(a)pyrene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Dibenz(a,h)anthracene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Benzo(g,h,i)perylene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Indeno(1,2,3-cd)pyrene	BRL	360		ug/Kg-dry	322515	1	09/17/2021 13:06	TO
Surr: 2-Fluorobiphenyl	84.6	51.7-120		%REC	322515	1	09/17/2021 13:06	TO
Surr: 4-Terphenyl-d14	98.2	51.2-117		%REC	322515	1	09/17/2021 13:06	TO
Surr: Nitrobenzene-d5	77.6	51.2-120		%REC	322515	1	09/17/2021 13:06	TO
METALS, TOTAL SW6010D		(SW3050B)						
Lead	4.43	4.15		mg/Kg-dry	322514	1	09/17/2021 13:46	KB
PERCENT MOISTURE D2216								
Percent Moisture	7.46	0		wt%	R465228	1	09/19/2021 00:00	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and received?					
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?					
21. Were all of the samples listed on the COC received?				samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?					
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *					
29. Containers meet preservation guidelines?					
30. Was pH adjusted at Sample Receipt?					

I certify that I have completed sections 28-30 (dated initials). _____

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322514

Sample ID: MB-322514	Client ID:	Units: mg/Kg	Prep Date: 09/17/2021	Run No: 465155							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 322514	Analysis Date: 09/17/2021	Seq No: 10679443							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead BRL 5.00

Sample ID: LCS-322514	Client ID:	Units: mg/Kg	Prep Date: 09/17/2021	Run No: 465155							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 322514	Analysis Date: 09/17/2021	Seq No: 10679444							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 50.37 5.00 50.00 101 80 120

Sample ID: 2109J03-001BMS	Client ID: SB-01 (4-5)	Units: mg/Kg-dry	Prep Date: 09/17/2021	Run No: 465155							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 322514	Analysis Date: 09/17/2021	Seq No: 10679446							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 50.95 4.42 44.23 12.47 87.0 75 125

Sample ID: 2109J03-001BMSD	Client ID: SB-01 (4-5)	Units: mg/Kg-dry	Prep Date: 09/17/2021	Run No: 465155							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 322514	Analysis Date: 09/17/2021	Seq No: 10679447							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead 51.00 4.42 44.22 12.47 87.1 75 125 50.95 0.095 20

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322515

Sample ID: MB-322515	Client ID:	Units: ug/Kg	Prep Date: 09/17/2021	Run No: 465152							
SampleType: MBLK	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10679304							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	BRL	330									
2-Methylnaphthalene	BRL	330									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Naphthalene	BRL	330									
Phenanthrene	BRL	330									
Pyrene	BRL	330									
Surr: 2-Fluorobiphenyl	1504	0	1667		90.2	51.7	120				
Surr: 4-Terphenyl-d14	1730	0	1667		104	51.2	117				
Surr: Nitrobenzene-d5	1433	0	1667		86.0	51.2	120				

Sample ID: LCS-322515	Client ID:	Units: ug/Kg	Prep Date: 09/17/2021	Run No: 465152							
SampleType: LCS	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10679305							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	1549	330	1667		92.9	64.7	120				
2-Methylnaphthalene	1519	330	1667		91.1	63.9	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322515

Sample ID: LCS-322515	Client ID:	Units: ug/Kg	Prep Date: 09/17/2021	Run No: 465152							
SampleType: LCS	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10679305							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Acenaphthene	1471	330	1667		88.3	62.1	120				
Acenaphthylene	1528	330	1667		91.7	62.3	120				
Anthracene	1533	330	1667		92.0	66.3	120				
Benz(a)anthracene	1730	330	1667		104	65.4	120				
Benzo(a)pyrene	1647	330	1667		98.8	67	120				
Benzo(b)fluoranthene	1641	330	1667		98.4	64.8	120				
Benzo(g,h,i)perylene	1646	330	1667		98.7	65	120				
Benzo(k)fluoranthene	1664	330	1667		99.8	67.3	120				
Chrysene	1639	330	1667		98.3	64.5	120				
Dibenz(a,h)anthracene	1644	330	1667		98.7	65.7	120				
Fluoranthene	1609	330	1667		96.5	68.2	120				
Fluorene	1586	330	1667		95.2	65.5	120				
Indeno(1,2,3-cd)pyrene	1620	330	1667		97.2	65.3	120				
Naphthalene	1421	330	1667		85.3	61.1	120				
Phenanthrene	1520	330	1667		91.2	65.8	120				
Pyrene	1643	330	1667		98.6	63	120				
Surr: 2-Fluorobiphenyl	1470	0	1667		88.2	51.7	120				
Surr: 4-Terphenyl-d14	1711	0	1667		103	51.2	117				
Surr: Nitrobenzene-d5	1342	0	1667		80.5	51.2	120				

Sample ID: 2109H31-003BMS	Client ID:	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465152							
SampleType: MS	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10681101							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	1720	390	1976		87.0	41.8	120				
2-Methylnaphthalene	1697	390	1976		85.9	42.5	120				
Acenaphthene	1703	390	1976		86.2	44	120				
Acenaphthylene	1748	390	1976		88.5	41.9	120				

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322515

Sample ID: 2109H31-003BMS	Client ID:	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465152							
SampleType: MS	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10681101							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Anthracene	1782	390	1976		90.2	47.7	120				
Benz(a)anthracene	2000	390	1976		101	45.5	120				
Benzo(a)pyrene	1853	390	1976		93.8	43.6	120				
Benzo(b)fluoranthene	1815	390	1976		91.9	40.2	120				
Benzo(g,h,i)perylene	1891	390	1976		95.7	42.7	120				
Benzo(k)fluoranthene	1871	390	1976		94.7	42.8	120				
Chrysene	1782	390	1976		90.2	46.2	120				
Dibenz(a,h)anthracene	1910	390	1976		96.7	43.3	120				
Fluoranthene	1882	390	1976		95.3	45.3	120				
Fluorene	1814	390	1976		91.8	44.9	120				
Indeno(1,2,3-cd)pyrene	1910	390	1976		96.7	43.3	120				
Naphthalene	1591	390	1976		80.5	43	120				
Phenanthrene	1787	390	1976		90.5	44.6	120				
Pyrene	1864	390	1976		94.4	44.3	120				
Surr: 2-Fluorobiphenyl	1673	0	1976		84.7	51.7	120				
Surr: 4-Terphenyl-d14	1910	0	1976		96.7	51.2	117				
Surr: Nitrobenzene-d5	1541	0	1976		78.0	51.2	120				

Sample ID: 2109H31-003BMSD	Client ID:	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465152							
SampleType: MSD	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10681104							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	1854	390	1976		93.8	41.8	120	1720	7.52	27.2	
2-Methylnaphthalene	1804	390	1976		91.3	42.5	120	1697	6.12	27.8	
Acenaphthene	1791	390	1976		90.7	44	120	1703	5.04	29.7	
Acenaphthylene	1867	390	1976		94.5	41.9	120	1748	6.56	23.7	
Anthracene	1886	390	1976		95.5	47.7	120	1782	5.67	23	
Benz(a)anthracene	2108	390	1976		107	45.5	120	2000	5.27	24.6	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322515

Sample ID: 2109H31-003BMSD	Client ID:	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465152							
SampleType: MSD	TestCode: POLYAROMATIC HYDROCARBONS SW8270D	BatchID: 322515	Analysis Date: 09/17/2021	Seq No: 10681104							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzo(a)pyrene	2021	390	1976		102	43.6	120	1853	8.69	23.1	
Benzo(b)fluoranthene	1985	390	1976		100	40.2	120	1815	8.98	24.9	
Benzo(g,h,i)perylene	2058	390	1976		104	42.7	120	1891	8.44	23.1	
Benzo(k)fluoranthene	2050	390	1976		104	42.8	120	1871	9.13	23.6	
Chrysene	1964	390	1976		99.4	46.2	120	1782	9.70	24.6	
Dibenz(a,h)anthracene	2069	390	1976		105	43.3	120	1910	7.96	23.6	
Fluoranthene	1966	390	1976		99.5	45.3	120	1882	4.33	26.1	
Fluorene	1943	390	1976		98.4	44.9	120	1814	6.88	32.8	
Indeno(1,2,3-cd)pyrene	2080	390	1976		105	43.3	120	1910	8.52	23.3	
Naphthalene	1665	390	1976		84.3	43	120	1591	4.56	23.4	
Phenanthrene	1865	390	1976		94.4	44.6	120	1787	4.28	25	
Pyrene	1993	390	1976		101	44.3	120	1864	6.66	27.6	
Surr: 2-Fluorobiphenyl	1702	0	1976		86.2	51.7	120	1673	0	0	
Surr: 4-Terphenyl-d14	2015	0	1976		102	51.2	117	1910	0	0	
Surr: Nitrobenzene-d5	1570	0	1976		79.5	51.2	120	1541	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322561

Sample ID: MB-322561	Client ID:	Units: ug/Kg	Prep Date: 09/17/2021	Run No: 465202							
SampleType: MBLK	TestCode: VOLATILE ORGANICS SW8260D	BatchID: 322561	Analysis Date: 09/17/2021	Seq No: 10680371							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	2.0									
Methyl tert-butyl ether	BRL	5.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.56	0	50.00		99.1	66.5	131				

Sample ID: LCS-322561	Client ID:	Units: ug/Kg	Prep Date: 09/17/2021	Run No: 465202							
SampleType: LCS	TestCode: VOLATILE ORGANICS SW8260D	BatchID: 322561	Analysis Date: 09/17/2021	Seq No: 10680372							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzene	44.07	1.0	50.00		88.1	72.2	125				
Ethylbenzene	46.75	1.0	50.00		93.5	74.4	125				
m,p-Xylene	94.61	2.0	100.0		94.6	72.3	125				
Methyl tert-butyl ether	52.12	5.0	50.00		104	69.5	130				
o-Xylene	45.87	1.0	50.00		91.7	74.1	122				
Toluene	45.56	1.0	50.00		91.1	73.8	125				
Surr: 4-Bromofluorobenzene	47.74	0	50.00		95.5	66.5	131				

Sample ID: 2109J03-002AMS	Client ID: SB-02 (2-3)	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465202							
SampleType: MS	TestCode: VOLATILE ORGANICS SW8260D	BatchID: 322561	Analysis Date: 09/17/2021	Seq No: 10681263							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzene	40.88	0.87	43.52		93.9	60.8	132				
Ethylbenzene	41.37	0.87	43.52		95.1	60.2	135				
m,p-Xylene	81.72	1.7	87.04		93.9	60.1	133				
Methyl tert-butyl ether	44.82	4.4	43.52		103	60.7	134				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Mill Creek Env. Services
Project Name: Former Fomby's Marina
Workorder: 2109J03

ANALYTICAL QC SUMMARY REPORT

BatchID: 322561

Sample ID: 2109J03-002AMS	Client ID: SB-02 (2-3)	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465202							
SampleType: MS	TestCode: VOLATILE ORGANICS SW8260D	BatchID: 322561	Analysis Date: 09/17/2021	Seq No: 10681263							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

o-Xylene	39.64	0.87	43.52		91.1	60.3	130				
Toluene	40.79	0.87	43.52		93.7	60.4	134				
Surr: 4-Bromofluorobenzene	40.01	0	43.52		91.9	66.5	131				

Sample ID: 2109D68-001BDUP	Client ID:	Units: ug/Kg-dry	Prep Date: 09/17/2021	Run No: 465202							
SampleType: DUP	TestCode: VOLATILE ORGANICS SW8260D	BatchID: 322561	Analysis Date: 09/17/2021	Seq No: 10681261							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Benzene	BRL	1.2						0	0	20	
Ethylbenzene	BRL	1.2						0	0	20	
m,p-Xylene	3.009	2.3						1.593	61.6	20	R
Methyl tert-butyl ether	BRL	5.9						0	0	20	
o-Xylene	1.346	1.2						0.6913	64.3	20	R
Toluene	1.241	1.2						0	200	20	R
Surr: 4-Bromofluorobenzene	55.64	0	58.54		95.0	66.5	131	59.11	0	0	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

End of Report