

August 1, 2022

Randy D. Troy, ETSC
Triumvirate Environmental Services, Inc.
10100 Rocket Blvd.
Orlando, FL 32824
EPA ID # FLD980559728
407-859-4441
RTroy@Triumvirate.com

AUG 3 PM 2:15

Environmental Administrator
Hazardous Waste Program and Permitting, M.S. 4560
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: Report of de Minimis Remediation

To Whom It May Concern:

On 24 May 2022 Triumvirate Environmental Services, Inc. at 10100 Rocket Blvd., Orlando, FL made notice to the Department of Environmental Protection of a release of a contaminant to the environment resulting in a de Minimis cleanup as required by our RCRA Part B Permit (26916-009-HO).

After the area was remediated, soil samples were taken to be tested for Ethylbenzene, which was listed as a hazardous substance of the raw material (Polyurethane Gloss) that was spilled by Earth Smart Environmental Services while at our facility. The soil samples were taken to ENCO Laboratories at 10775 Central Port Drive, Orlando, FL on 24 May 2022 and results were received back on 31 May 2022.

The laboratory analysis did not detect any trace of ethylbenzene in any of the 3 samples that were taken.

A copy of the laboratory analysis is attached.

Respectfully,



Randy D. Troy



AUG 3 PM2:15

ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Tuesday, May 31, 2022

Triumvirate Environmental, Inc. (TR025)

Attn: Tyler Klawinski

10100 Rocket Blvd.

Orlando, FL 32824

RE: Laboratory Results for

Project Number: 346803, Project Name/Desc: TSDF 1

ENCO Workorder(s): AF04083

Dear Tyler Klawinski,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, May 24, 2022.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative if applicable. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Orlando. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Carlene S Pasipanki

Project Manager

Enclosure(s)

PROJECT NARRATIVE

Client: Triumvirate Environmental, Inc. (TR025)
Project: TSDF 1
ENCO Project ID: AF04083

Overview

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling and processing will be discussed in the Remarks section below.

Remarks

Analysis: EPA 8260D

Affected Samples: Sample 1[AF04083-01], Sample 2[AF04083-02], Sample 3[AF04083-03]

Nonconformance: The temperature blank in the sample cooler was not within the required 2-6 degrees Centigrade.

Additional Information: Client was notified and the analysis continued at their request.

Analysis: EPA 8260D

Affected Samples: Sample 1[AF04083-01], Sample 2[AF04083-02], Sample 3[AF04083-03]

Nonconformance: Samples were received in a container not appropriate for the test.

Additional Information: Sample vials were prepared in the laboratory within 48 hours of collection.

Carlene S Pasipanki
Project Manager



www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: Sample 1		Lab ID: AF04083-01	Sampled: 05/23/22 12:45	Received: 05/24/22 13:51
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 8260D	EPA 5035_MS	06/06/22	05/26/22 08:41	05/26/22 12:37
Client ID: Sample 2		Lab ID: AF04083-02	Sampled: 05/23/22 13:15	Received: 05/24/22 13:51
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 8260D	EPA 5035_MS	06/06/22	05/26/22 08:41	05/26/22 10:19
Client ID: Sample 3		Lab ID: AF04083-03	Sampled: 05/24/22 09:45	Received: 05/24/22 13:51
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>	<u>Prep Date/Time(s)</u>	<u>Analysis Date/Time(s)</u>
EPA 8260D	EPA 5035_MS	06/07/22	05/26/22 08:41	05/26/22 13:05

SAMPLE DETECTION SUMMARY**Client ID:** Sample 2**Lab ID:** AF04083-02

Analyte	Results	Flag	MDL	POL	Units	Method	Notes
Ethylbenzene	54		0.49	0.84	mg/kg dry	EPA 8260D	

ANALYTICAL RESULTS

Description: Sample 1

Lab Sample ID: AF04083-01

Received: 05/24/22 13:51

Matrix: Soil

Sampled: 05/23/22 12:45

Work Order: AF04083

Project: TSDF 1

Sampled By: Tyler Klawinski

% Solids: 94.63

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ethylbenzene [100-41-4]^	0.00093	U	mg/kg dry	1	0.00093	0.0016	2E26007	EPA 8260D	05/26/22 12:37	KKW	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
4-Bromofluorobenzene	0.077	1	0.0803	95 %	70-130	2E26007	EPA 8260D	05/26/22 12:37	KKW		
Dibromofluoromethane	0.079	1	0.0803	98 %	70-133	2E26007	EPA 8260D	05/26/22 12:37	KKW		
Toluene-d8	0.081	1	0.0803	101 %	70-130	2E26007	EPA 8260D	05/26/22 12:37	KKW		

Description: Sample 2

Lab Sample ID: AF04083-02

Received: 05/24/22 13:51

Matrix: Soil

Sampled: 05/23/22 13:15

Work Order: AF04083

Project: TSDF 1

Sampled By: Tyler Klawinski

% Solids: 94.63

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ethylbenzene [100-41-4]^	54		mg/kg dry	500	0.49	0.84	2E26007	EPA 8260D	05/26/22 10:19	KKW	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
4-Bromofluorobenzene	0.18	1	0.0844	215 %	70-130	2E26007	EPA 8260D	05/26/22 10:19	KKW	QS-06	
Dibromofluoromethane	0.080	1	0.0844	95 %	70-133	2E26007	EPA 8260D	05/26/22 10:19	KKW		
Toluene-d8	0.086	1	0.0844	101 %	70-130	2E26007	EPA 8260D	05/26/22 10:19	KKW		

Description: Sample 3

Lab Sample ID: AF04083-03

Received: 05/24/22 13:51

Matrix: Soil

Sampled: 05/24/22 09:45

Work Order: AF04083

Project: TSDF 1

Sampled By: Tyler Klawinski

% Solids: 97.41

Volatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ethylbenzene [100-41-4]^	0.0011	U	mg/kg dry	1	0.0011	0.0019	2E26007	EPA 8260D	05/26/22 13:05	KKW	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
4-Bromofluorobenzene	0.090	1	0.0937	96 %	70-130	2E26007	EPA 8260D	05/26/22 13:05	KKW		
Dibromofluoromethane	0.089	1	0.0937	95 %	70-133	2E26007	EPA 8260D	05/26/22 13:05	KKW		
Toluene-d8	0.094	1	0.0937	100 %	70-130	2E26007	EPA 8260D	05/26/22 13:05	KKW		

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 2E26007 - EPA 5035_MS

Blank (2E26007-BLK1)

Prepared: 05/26/2022 00:00 Analyzed: 05/26/2022 09:51

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ethylbenzene	0.00058	U	0.0010	mg/kg wet							
4-Bromofluorobenzene	0.049			mg/kg wet	0.0500		98	70-130			
Dibromofluoromethane	0.048			mg/kg wet	0.0500		96	70-133			
Toluene-d8	0.051			mg/kg wet	0.0500		101	70-130			

LCS (2E26007-BS1)

Prepared: 05/26/2022 00:00 Analyzed: 05/26/2022 08:28

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ethylbenzene	0.020		0.0010	mg/kg wet	0.0200		98	54-139			
4-Bromofluorobenzene	0.050			mg/kg wet	0.0500		99	70-130			
Dibromofluoromethane	0.048			mg/kg wet	0.0500		96	70-133			
Toluene-d8	0.051			mg/kg wet	0.0500		103	70-130			

LCS Dup (2E26007-BSD1)

Prepared: 05/26/2022 00:00 Analyzed: 05/26/2022 08:55

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ethylbenzene	0.019		0.0010	mg/kg wet	0.0200		96	54-139	2	33	QM-10
4-Bromofluorobenzene	0.049			mg/kg wet	0.0500		99	70-130			QM-10
Dibromofluoromethane	0.049			mg/kg wet	0.0500		99	70-133			QM-10
Toluene-d8	0.051			mg/kg wet	0.0500		103	70-130			QM-10

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit. The PQL presented is the laboratory MRL.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
[CALC]	Calculated analyte - MDL/MRL reported to the highest reporting limit of the component analyses.
QM-10	LCS/LCSD were analyzed in place of MS/MSD.
QS-06	Surrogate recovery exceeded acceptance criteria due to the presence of a coeluting compound. This is a confirmed matrix effect.

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: 1 Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.