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95 Glastonbury Boulevard
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Glastonbury, CT 06033
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F: 860.633.5699
www.gza.com

December 15, 2021
GZA File No. 05.0045441.08

Mr. Shaun Gately
Economic Development Director
Town of Vernon
Memorial Building
14 Park Place, 3rd Floor
Vernon, Connecticut 06066-3291

RE: Underground Storage Tank Closure
Former Daniels Mill
98 East Main Street
Vernon, CT 06066

Dear Mr. Gately:

Pursuant to our Agreement dated August 5, 2021, GZA GeoEnvironmental, Inc. (GZA) has prepared this report to document the closure of six (6) underground storage tanks (UST) at the former Daniels Mill property located 98 East Main Street, Vernon, Connecticut (Site). A Locus Plan showing the location of the Site is attached as Figure 1.

This report is subject to the limitations in Appendix A.

BACKGROUND

Six (6) USTs were previously identified on the north side of the Site building reportedly within a concrete vault or vaults. These USTs were identified as UST Nos. 1 through 6 and, based on initial assessments, these USTs were anticipated to vary in diameter from approximately 5 feet to 7 feet: preliminary activities in this area were not able to determine the lengths of USTs due to Site logistical constraints. When checked, four of the USTs contained between 2 inches and 84-inches of residual liquids

During the performance of the closure work described below, UST Nos. 4 and 5 were found to be one, approximately 40 feet long tank extending beneath the stairs that lead into the Site building. This tank was relabeled as UST No. 4/5. In addition, during the performance of the closure work, an UST was discovered east of UST No. 6 and identified as UST No. 7. UST No. 7 did not contain any residual liquids[1].

A plan showing the layout of the USTs is attached as Figure 2.

[1] Seven inactive USTs were present at the Site and were originally registered as UST Nos. 1 through 7 with the CTDEEP. Six of these inactive USTS were either removed or abandoned in place during the performance of the work. The tank identified as UST No. 7 in this report and that was discovered and abandoned during the work, however, was not the original UST No. 7 registered with CTDEEP. The tank that was discovered and abandoned during the work will be registered with CTDEEP as "Tank 8."

PRELIMINARY ACTIVITIES

Prior to removal/abandonment of the USTs, GZA collected samples of the liquids from the four USTs containing a measurable amount of liquid for waste characterization purposes. The laboratory results are attached in Appendix B and indicated the liquids could be disposed as non-hazardous waste.

GZA also registered the USTs with the Connecticut Department of Energy and Environmental Protection (CTDEEP) Underground Storage Tank and PCB Enforcement Unit and filed a Notification of Scheduled Permanent Closure of Underground Storage Tanks with the CTDEEP. In addition, GZA filed a Notice of Intent to Temporarily or Permanently Close In-Place or Remove Any Underground Storage Tank with the Town of Vernon's Fire Marshall. A copy of these forms are attached in Appendix C.

UST REMOVAL AND ABANDONMENT

Between October 4 and October 7, 2021, GZA mobilized to the Site to observe and document the UST removal of UST Nos. 1, 2 and 3 and the abandonment of UST Nos. 4/5, 6 and 7. The UST removal and abandonment was performed by Cisco LLC (Cisco) of New Haven, Connecticut under contract to GZA. The Town of Vernon Fire Marshall also visited the Site to observe and document portions of the work.

After removing the concrete overlying the USTs and exposing the tops of the USTs, Cisco personnel removed the standing liquids from the USTs using a vacuum truck. Following removal of the standing liquid, the interior of the tanks were cleaned using a rubber squeegee to remove the residual liquids from the sidewalls of the USTs and power washed with a simple green and water mixture. A total of 10,500-gallons of liquid (4 vacuum truck loads) was removed from the USTs (including the rinse water from cleaning) and disposed at the TradeBe Environmental Services, LLC facility located in Bridgeport, CT. Approximately 4,500-gallons was removed from UST No. 6 and the remaining 6,000-gallons was removed from UST Nos. 1, 2 and 4/5. Copies of the non-hazardous waste manifests are provided in Appendix D.

After cleaning, Cisco removed UST Nos. 1, 2 and 3 from the ground and transported the USTs to SIMS Metal in New Britain, Connecticut for recycling as scrap metal. Each of these USTs was 72 inches long with a diameter of 60 inches indicating the three tanks each had a capacity of approximately 900-gallons. The USTs were observed to be in good condition and GZA did not observe evidence of environmental impacts or a release to the soils surrounding each tank. During removal of the tanks, the observed piping connected to the three tanks were drained as necessary and removed up to the edge of the foundation wall of the building. The ends of the piping that penetrated through the foundation wall of the building were sealed with expandable foam. A copy of the SIMS Metal receipt is attached in Appendix D. Photographs from the UST removals are provided in Appendix E.

After cleaning and removal of the interconnected piping present above the tanks, the dimensions of UST Nos. 4/5, 6, and 7 were measured as follows:

- UST Nos. 4/5 – 40 feet long and 6 feet in diameter with an estimated capacity of approximately 8,500-gallons
- UST No. 6 – 15 feet long and 7 feet in diameter with an estimated capacity of approximately 4,500-gallons

- UST No. 7 – 18 feet long and 4 feet in diameter with an estimated capacity of approximately 1,700-gallons

Given their size, UST Nos. 4/5, 6, and 7 were not removed due to concerns regarding undermining the adjacent sidewalk and the presence of the foundation for the stairs into the Site building over UST No. 4/5. During cleaning, Cisco did not observe visual evidence of holes within the interior walls of UST Nos. 4/5, 6, and 7 that would indicate a potential release to the environment.

SOIL SAMPLING AND BACKFILLING

After removal of the tanks, soil samples were collected from the north sidewalls and bottoms of UST Nos. 1 through 3. The samples were labeled as follows:

- UST No. 1 – T-1B (bottom of tank grave) and T-1W (north sidewall)
- UST No. 2 – T-2B (bottom of tank grave) and T-2W (north sidewall)
- UST No. 3 – T-3B (bottom of tank grave) and T-3W (north sidewall)

The south, east, and west sidewalls of UST Nos. 1 through 3 consisted of the foundation wall of the Site building or concrete associated with the vault that the tanks were housed within which prevented the collection of soil samples.

After cleaning, soil samples were collected from beneath UST Nos. 4/5, 6, and 7 and the north sidewall of UST No. 4/5 by drilling holes through the tanks. The samples were labeled as follows:

- UST No. 4/5 – T-4/5S (bottom of east side of tank grave), T-4/5N (bottom of west side of tank grave) and T-4/5W (bottom of middle portion of the tank grave)
- UST No. 6 – T6S (bottom of east side of tank grave) and T-6N (bottom of west side of tank grave)
- UST No. 7 – T7S (bottom of east side of tank grave) and T-7N (bottom of west side of tank grave)

The location of the soil samples are depicted on Figure 2.

The soil samples were screened in the field using a photo-ionization detector (PID) with a 10.6 eV lamp. A PID is a screening instrument that is capable of detecting certain organic vapors which are constituents of petroleum fuels and oils. PID readings ranging from non-detect to 17 parts per million ppm (T-4/5N) were observed in the collected soil samples.

The soil samples were submitted to Phoenix Laboratories in Manchester, CT under chain of custody for analysis of extractable total petroleum hydrocarbons (ETPH), polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270 and volatile organic compounds (VOCs) via EPA Method 8260. The results are summarized on Table 1 and were compared with the CTDEEP's Remediation Standard Regulations (RSR) criteria.

ETPH and PAHs were not detected above the method reporting limits (MRLs). Sample T-4/5N contained 1,2,4-trimethylbenzene at a concentration of 5.8 µg/kg, which is just above the MRLs but below the Residential Direct Exposure Criterion (R-DEC) and GB Pollutant Mobility Criteria (GB-PMC). No other VOCs were detected above the laboratory MRLs. A copy of the laboratory report is provided in Appendix F.

After receipt of the analytical data, Cisco backfilled the tank grave of UST Nos 1, 2, 3 and abandoned UST Nos. 4/5, 6 and 7 USTs in-place with 110 cubic yards of flowable fill. Copies of the flowable fill tickets are included in Appendix G. Photographs from the UST backfilling are provided in Appendix E.

CONCLUSIONS

Based upon our observations during the work, the 6 USTs were observed to be in good condition and no evidence of a potential release were noted except the presence of organic vapors in the soil sample from the north sidewall of UST No. 4/5. This sample contained 1,2,4-trimethylbenzene at a concentration slightly above laboratory's minimum reporting limit but three orders of magnitude below the applicable RSR criteria. It is GZA's opinion that no further action is warranted at this time.

We hope this information is useful to you. Please contact the undersigned if you have any questions.

Very truly yours,

GZA GeoEnvironmental, Inc.

Benjamin D. Rach
Project Manager

Kathleen Cyr, P.E., LEP
Consultant/Reviewer

David J. Rusczyk, P.E.
Associate Principal

Attachments:

	Table 1	Summary of Soil Sampling Testing Results
	Figure 1	Site Locus
	Figure 2	Sample Location Plan
	Appendix A	Limitations
	Appendix B	Waste Characterization Data
	Appendix C	Tank Registration and Fire Marshall Form
	Appendix D	Disposal Documentation
	Appendix E	UST Removal Photograph Log
	Appendix F	Soil Sampling Data Report
	Appendix G	Flowable Fill Tickets

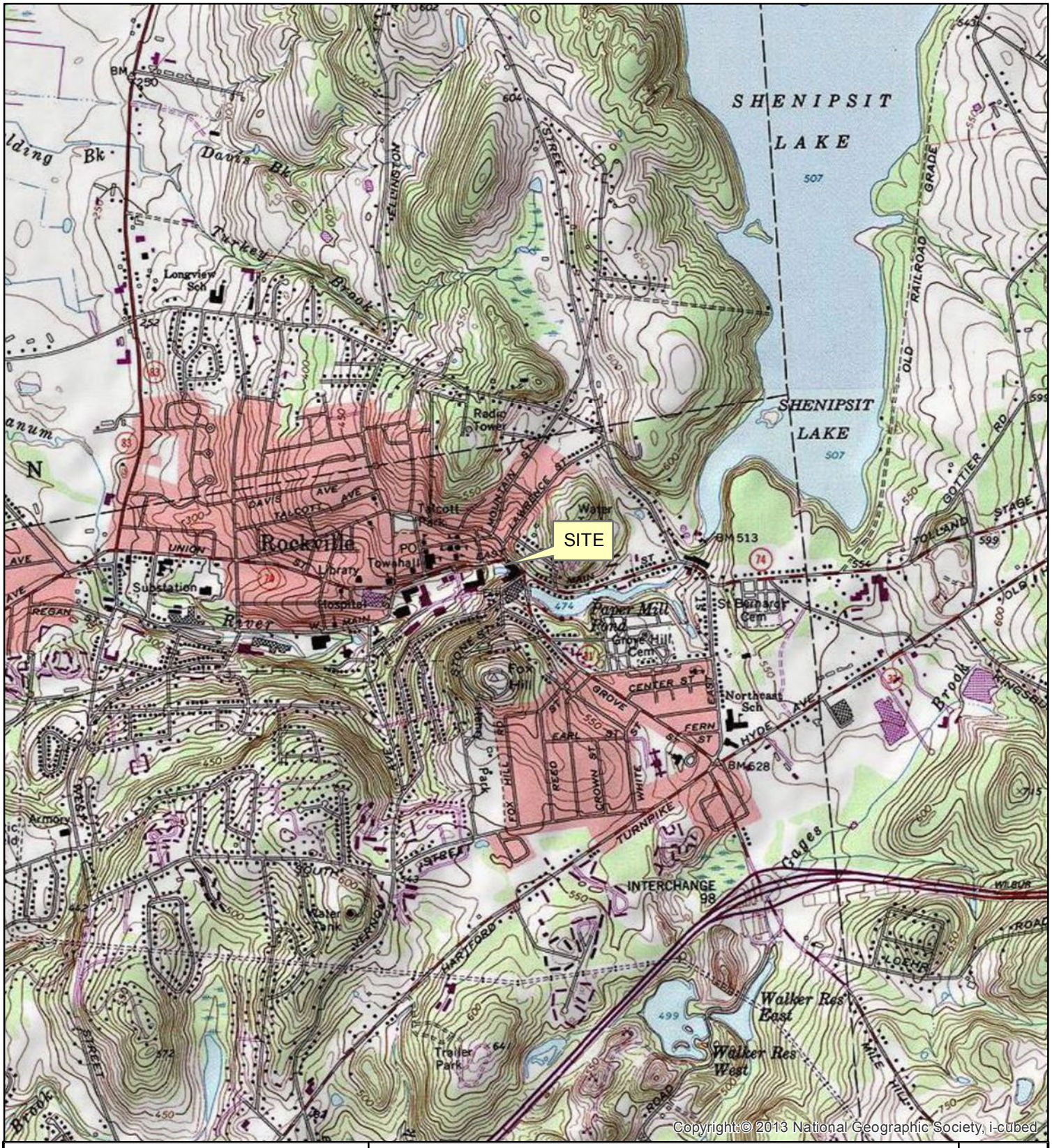
TABLE

Table 1
Summary of Soil Sampling Testing Results
AOC-4: Current/Former USTs
Daniels Mill
Vernon, CT

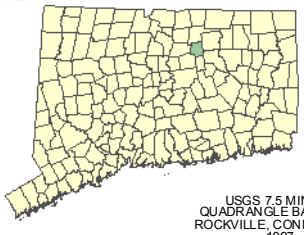
	Sample ID	RSR Criteria		T1-B	T1-W	T2-B	T2-W	T3-B	T3-W	T4/5-S	T4/5-W	T4/5-N	T6-N	T6-S	T7-N	T7-S
	Collection Date			10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/05/21	10/06/21	10/06/21	10/06/21	10/06/21	10/06/21	10/07/21	10/07/21
	Units	R-DEC	GB-PMC													
CT Extractable Total Petroleum Hydrocarbons (ETPH)																
ETPH	mg/Kg	500	2,500	< 51	< 52	< 52	< 52	< 53	< 51	< 56	< 53	< 53	< 51	< 52	< 53	< 250
Volatile Organic Compounds (VOCs)																
1,2,4-Trimethylbenzene	ug/Kg	500,000	28,000	< 5.4	< 5.2	< 5.3	< 5.5	< 5.4	< 5.2	< 6.2	< 5.6	**5.8**	< 5.4	< 5.3	< 5.5	< 5.3
Polynuclear Aromatic (PAHs)																
All PAHs	ug/Kg	varies	varies	< 240	< 240	< 240	< 240	< 250	< 240	< 260	< 240	< 240	< 240	< 240	< 250	< 240

Notes
1. RSR = Remediation Standard Regulations, R-DEC = Residential Direct Exposure Criteria, GB-PMC = GB Pollutant Mobility Criteria
2. Red highlighted criteria obtained from CTDEEP's September 2018 document entitled Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria.
3. Samples were analyzed by Phoenix Environmental Laboratories of Manchester, CT.

FIGURES



GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com



USGS 7.5 MINUTE
QUADRANGLE BASE MAP:
ROCKVILLE, CONNECTICUT
1997

SITE LOCUS

98 EAST MAIN STREET
VERNON, CONNECTICUT

Source: TOPO! maps are USGS topographic maps, Copyright:© 2011 National Geographic Society, i-cubed and are provided by arcgisonline.com.

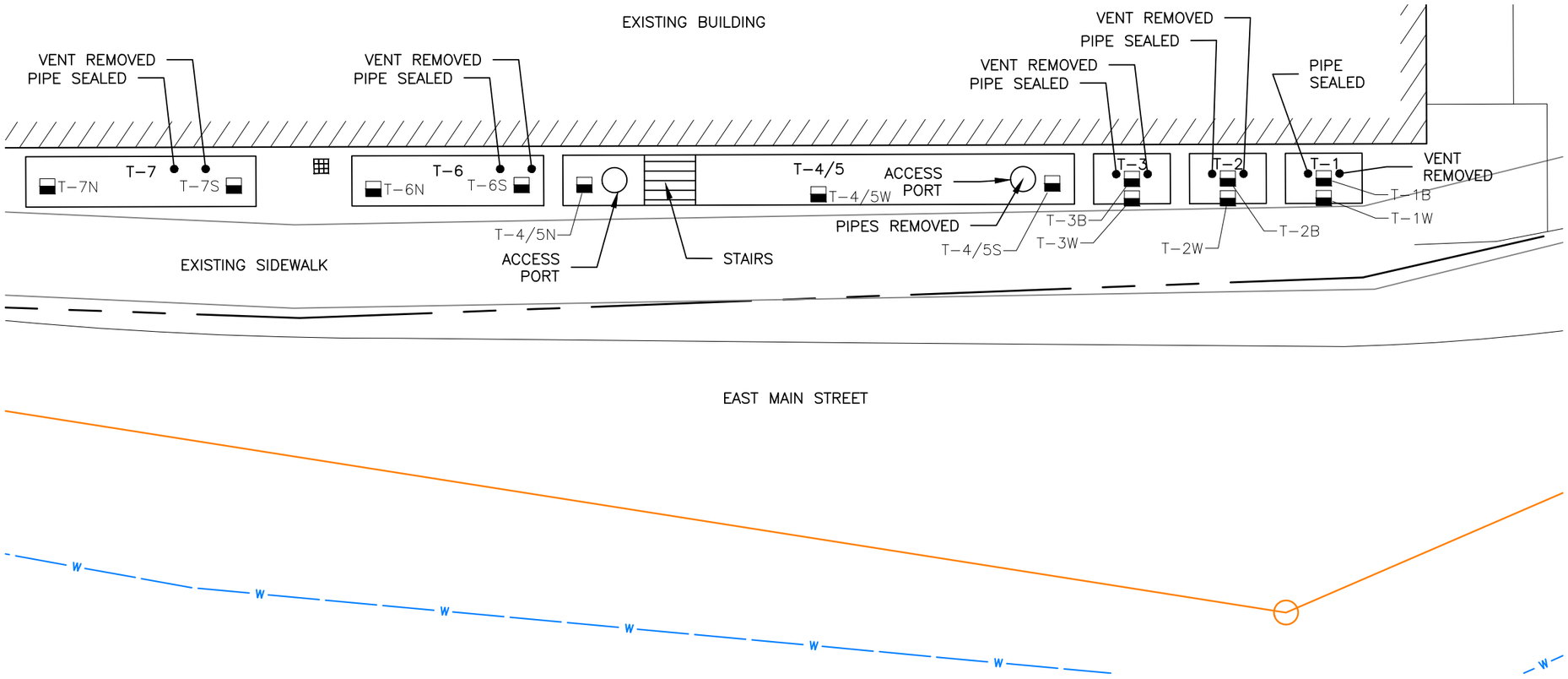
PROJ MGR: DJR	REVIEWED BY: KAC	PROJECT NO. 05.0045441.07
DESIGNED BY: AJT	DRAWN BY: MJS	DATE: 10-19-20

THIS MAP HAS BEEN COMPILED FROM OTHER MAPS AND/OR SOURCES OF INFORMATION.
THIS MAP SHOULD NOT BE CONSTRUED AS A PROPERTY SURVEY, NOR USED FOR CONSTRUCTION PURPOSES.

0 1,000 2,000 4,000 6,000 8,000
Scale in Feet

N

FIGURE
1



LEGEND

- CONFIRMATORY SAMPLE LOCATION
- PROPERTY BOUNDARY
- SANITARY SEWER LINE
- WATER LINE
- CATCH BASIN

NOTES:

1. PROPERTY LINES ARE APPROXIMATE AND BASED ON THE TOWN OF VERNON PARCEL MAP FROM THEIR GIS WEBSITE.

N

0 5 10 20

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

98 EAST MAIN STREET
VERNON-ROCKVILLE, CONNECTICUT

SAMPLE LOCATION MAP

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:

PROJ MGR: BDR	REVIEWED BY: DJR	CHECKED BY: BDR	FIGURE 2
DESIGNED BY: BDR	DRAWN BY: MJS	SCALE: AS SHOWN	
DATE: 10-11-2021	PROJECT NO. 05.0045441.08	REVISION NO.	SHEET NO. 1 OF 1

APPENDIX A
LIMITATIONS

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

6. Water level readings have been made, as described in this Report, in and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

COMPLIANCE WITH CODES AND REGULATIONS

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

INTERPRETATION OF DATA

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

ADDITIONAL INFORMATION

12. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

ADDITIONAL SERVICES

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

APPENDIX B
WASTE CHARACTERIZATION DATA

PHOENIX
Environmental Laboratories, Inc.

Tuesday, August 31, 2021

Attn: Mr. Ben Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Project ID: **DANIELS MILL**
SDG ID: **GCJ00916**
Sample ID#s: CJ00916 - CJ00919

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

August 31, 2021

SDG I.D.: GCJ00916

Volatile 8260 analysis:
1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane do not meet GWP criteria, these compounds are analyzed by GC/ECD to achieve this criteria.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

August 31, 2021

SDG I.D.: GCJ00916

Project ID: DANIELS MILL

Client Id	Lab Id	Matrix
TANK 1	CJ00916	WASTE WATER
TANK 2	CJ00917	WASTE WATER
TANK 4	CJ00918	WASTE WATER
TANK 6	CJ00919	WASTE WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 31, 2021

FOR: Attn: Mr. Ben Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	WASTE WATER	Collected by:	BR	08/19/21	12:30
Location Code:	GZACTENG	Received by:	LB	08/19/21	15:32
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	45481.08				

Laboratory Data

SDG ID: GCJ00916
Phoenix ID: CJ00916

Project ID: DANIELS MILL
Client ID: TANK 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Silver	< 0.010	0.010	mg/L	1	08/20/21	TH	E200.7
TCLP Arsenic	< 0.004	0.004	mg/L	1	08/20/21	TH	E200.7
TCLP Barium	< 0.10	0.10	mg/L	1	08/20/21	TH	E200.7
TCLP Cadmium	< 0.005	0.005	mg/L	1	08/20/21	TH	E200.7
TCLP Chromium	< 0.05	0.05	mg/L	1	08/20/21	TH	E200.7
TCLP Mercury	< 0.0002	0.0002	mg/L	1	08/20/21	AT	E245.1
TCLP Lead	0.016	0.010	mg/L	1	08/20/21	TH	E200.7
TCLP Selenium	< 0.05	0.05	mg/L	1	08/20/21	TH	E200.7
TCLP Metals Digestion	Completed				08/20/21	CG/AB	SW3010A
Cyanide Amenable	< 0.010	0.010	mg/L	1	08/25/21	A/B/G	SM4500CNG-11
Flash Point	>200	200	Degree F	1	08/23/21	ARG	SW1010B
Ignitability	Passed	140	degree F	1	08/23/21	ARG	SW846-Ignit
pH	6.47	1.00	pH Units	1	08/20/21 02:27	MW/EG	SM4500-H B-11
Reactivity Cyanide	< 2.0	2.0	mg/L	1.96	08/23/21	ARG/GD	SW846-React
Reactivity Sulfide	< 5	5	mg/L	1	08/23/21	ARG	SW-7.3
Reactivity	Negative		Pos/Neg	1	08/23/21	ARG	SW846-React
Extraction of ETPH	Completed				08/19/21	P/CG	SW3510C/SW3520C
Semi-Volatile Extraction	Completed				08/19/21	P/CG	SW3520C
TCLP Digestion Mercury	Completed				08/20/21	AB/AB	SW7470A
TCLP Extraction for Metals	Completed				08/19/21	AB	SW1311
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	0.068	mg/L	1	08/20/21	AW	CTETPH 8015D
Identification	ND		mg/L	1	08/20/21	AW	CTETPH 8015D
QA/QC Surrogates							
% Terphenyl (surr)	87		%	1	08/20/21	AW	50 - 150 %

Project ID: DANIELS MILL
Client ID: TANK 1

Phoenix I.D.: CJ00916

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1,1-Trichloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
1,1,2-Trichloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1-Dichloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1-Dichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1-Dichloropropene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,3-Trichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
1,2-Dibromoethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
1,2-Dichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2-Dichloroethane	ND	0.60	ug/L	1	08/22/21	HM	E624.1
1,2-Dichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,3-Dichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,3-Dichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,4-Dichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
2,2-Dichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
2-Chlorotoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
2-Hexanone	ND	5.0	ug/L	1	08/22/21	HM	E624.1
2-Isopropyltoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
4-Chlorotoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
4-Methyl-2-pentanone	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Acetone	ND	25	ug/L	1	08/22/21	HM	E624.1
Acrylonitrile	ND	0.50	ug/L	1	08/22/21	HM	E624.1
Benzene	ND	0.70	ug/L	1	08/22/21	HM	E624.1
Bromobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Bromochloromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Bromodichloromethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
Bromoform	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Bromomethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Carbon Disulfide	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Carbon tetrachloride	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chloroform	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chloromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	08/22/21	HM	E624.1
Dibromochloromethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
Dibromomethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Dichlorodifluoromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Ethylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Hexachlorobutadiene	ND	0.40	ug/L	1	08/22/21	HM	E624.1
Isopropylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Methyl ethyl ketone	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Methylene chloride	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Naphthalene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
n-Butylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
n-Propylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
o-Xylene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
p-Isopropyltoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
sec-Butylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Styrene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
tert-Butylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Tetrachloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	08/22/21	HM	E624.1
Toluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Total Xylenes	ND	1.0	ug/L	1	08/22/21	HM	E624.1
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	08/22/21	HM	E624.1
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Trichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Trichlorofluoromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Trichlorotrifluoroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Vinyl chloride	ND	1.0	ug/L	1	08/22/21	HM	E624.1
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	08/22/21	HM	70 - 130 %
% Bromofluorobenzene	96		%	1	08/22/21	HM	70 - 130 %
% Dibromofluoromethane	108		%	1	08/22/21	HM	70 - 130 %
% Toluene-d8	101		%	1	08/22/21	HM	70 - 130 %

Semivolatiles by SIM, PAH

2-Methylnaphthalene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Acenaphthene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Acenaphthylene	ND	0.29	ug/L	1	08/20/21	WB	625(SIM)
Anthracene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Benz(a)anthracene	ND	0.05	ug/L	1	08/20/21	WB	625(SIM)
Benzo(a)pyrene	ND	0.19	ug/L	1	08/20/21	WB	625(SIM)
Benzo(b)fluoranthene	ND	0.07	ug/L	1	08/20/21	WB	625(SIM)
Benzo(ghi)perylene	ND	0.46	ug/L	1	08/20/21	WB	625(SIM)
Benzo(k)fluoranthene	ND	0.29	ug/L	1	08/20/21	WB	625(SIM)
Chrysene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	1	08/20/21	WB	625(SIM)
Fluoranthene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Fluorene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	ug/L	1	08/20/21	WB	625(SIM)
Naphthalene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
Phenanthrene	ND	0.06	ug/L	1	08/20/21	WB	625(SIM)
Pyrene	ND	0.48	ug/L	1	08/20/21	WB	625(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	57		%	1	08/20/21	WB	30 - 130 %
% Nitrobenzene-d5	103		%	1	08/20/21	WB	30 - 130 %

Project ID: DANIELS MILL
Client ID: TANK 1

Phoenix I.D.: CJ00916

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	78		%	1	08/20/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

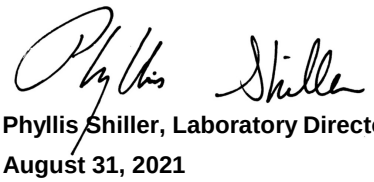
Comments:

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 31, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 31, 2021

FOR: Attn: Mr. Ben Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	WASTE WATER	Collected by:	BR	08/19/21	12:50
Location Code:	GZACTENG	Received by:	LB	08/19/21	15:32
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	45481.08				

Laboratory Data

SDG ID: GCJ00916
Phoenix ID: CJ00917

Project ID: DANIELS MILL
Client ID: TANK 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Silver	< 0.010	0.010	mg/L	1	08/20/21	TH	E200.7
TCLP Arsenic	< 0.004	0.004	mg/L	1	08/20/21	TH	E200.7
TCLP Barium	< 0.10	0.10	mg/L	1	08/20/21	TH	E200.7
TCLP Cadmium	< 0.005	0.005	mg/L	1	08/20/21	TH	E200.7
TCLP Chromium	< 0.05	0.05	mg/L	1	08/20/21	TH	E200.7
TCLP Mercury	< 0.0002	0.0002	mg/L	1	08/20/21	AT	E245.1
TCLP Lead	< 0.010	0.010	mg/L	1	08/20/21	TH	E200.7
TCLP Selenium	< 0.05	0.05	mg/L	1	08/20/21	TH	E200.7
TCLP Metals Digestion	Completed				08/20/21	CG/AB	SW3010A
Cyanide Amenable	< 0.010	0.010	mg/L	1	08/25/21	A/B/G	SM4500CNG-11
Flash Point	>200	200	Degree F	1	08/23/21	ARG	SW1010B
Ignitability	Passed	140	degree F	1	08/23/21	ARG	SW846-Ignit
pH	7.29	1.00	pH Units	1	08/20/21 02:31	MW/EG	SM4500-H B-11
Reactivity Cyanide	< 2.0	2.0	mg/L	2	08/23/21	ARG/GD	SW846-React
Reactivity Sulfide	< 5	5	mg/L	1	08/23/21	ARG	SW-7.3
Reactivity	Negative		Pos/Neg	1	08/23/21	ARG	SW846-React
Extraction of ETPH	Completed				08/19/21	P/CG	SW3510C/SW3520C
Semi-Volatile Extraction	Completed				08/19/21	P/CG	SW3520C
TCLP Digestion Mercury	Completed				08/20/21	AB/AB	SW7470A
TCLP Extraction for Metals	Completed				08/19/21	AB	SW1311
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	0.069	mg/L	1	08/20/21	AW	CTETPH 8015D
Identification	ND		mg/L	1	08/20/21	AW	CTETPH 8015D
QA/QC Surrogates							
% Terphenyl (surr)	98		%	1	08/20/21	AW	50 - 150 %

Ver 1

Project ID: DANIELS MILL
Client ID: TANK 2

Phoenix I.D.: CJ00917

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1,1-Trichloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
1,1,2-Trichloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1-Dichloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1-Dichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,1-Dichloropropene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,3-Trichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
1,2-Dibromoethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
1,2-Dichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,2-Dichloroethane	ND	0.60	ug/L	1	08/22/21	HM	E624.1
1,2-Dichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,3-Dichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,3-Dichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
1,4-Dichlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
2,2-Dichloropropane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
2-Chlorotoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
2-Hexanone	ND	5.0	ug/L	1	08/22/21	HM	E624.1
2-Isopropyltoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
4-Chlorotoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
4-Methyl-2-pentanone	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Acetone	ND	25	ug/L	1	08/22/21	HM	E624.1
Acrylonitrile	ND	0.50	ug/L	1	08/22/21	HM	E624.1
Benzene	ND	0.70	ug/L	1	08/22/21	HM	E624.1
Bromobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Bromochloromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Bromodichloromethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
Bromoform	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Bromomethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Carbon Disulfide	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Carbon tetrachloride	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chlorobenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chloroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chloroform	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Chloromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	08/22/21	HM	E624.1
Dibromochloromethane	ND	0.50	ug/L	1	08/22/21	HM	E624.1
Dibromomethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Dichlorodifluoromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Ethylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Hexachlorobutadiene	ND	0.40	ug/L	1	08/22/21	HM	E624.1
Isopropylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1

Ver 1

Project ID: DANIELS MILL
Client ID: TANK 2

Phoenix I.D.: CJ00917

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Methyl ethyl ketone	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Methylene chloride	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Naphthalene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
n-Butylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
n-Propylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
o-Xylene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
p-Isopropyltoluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
sec-Butylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Styrene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
tert-Butylbenzene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Tetrachloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	08/22/21	HM	E624.1
Toluene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Total Xylenes	ND	1.0	ug/L	1	08/22/21	HM	E624.1
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	08/22/21	HM	E624.1
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	08/22/21	HM	E624.1
Trichloroethene	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Trichlorofluoromethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Trichlorotrifluoroethane	ND	1.0	ug/L	1	08/22/21	HM	E624.1
Vinyl chloride	ND	1.0	ug/L	1	08/22/21	HM	E624.1
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	1	08/22/21	HM	70 - 130 %
% Bromofluorobenzene	97		%	1	08/22/21	HM	70 - 130 %
% Dibromofluoromethane	107		%	1	08/22/21	HM	70 - 130 %
% Toluene-d8	102		%	1	08/22/21	HM	70 - 130 %

Semivolatiles by SIM, PAH

2-Methylnaphthalene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Acenaphthene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Acenaphthylene	ND	0.29	ug/L	1	08/20/21	WB	625(SIM)
Anthracene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Benz(a)anthracene	ND	0.05	ug/L	1	08/20/21	WB	625(SIM)
Benzo(a)pyrene	ND	0.19	ug/L	1	08/20/21	WB	625(SIM)
Benzo(b)fluoranthene	ND	0.07	ug/L	1	08/20/21	WB	625(SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	08/20/21	WB	625(SIM)
Benzo(k)fluoranthene	ND	0.29	ug/L	1	08/20/21	WB	625(SIM)
Chrysene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	1	08/20/21	WB	625(SIM)
Fluoranthene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Fluorene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	ug/L	1	08/20/21	WB	625(SIM)
Naphthalene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
Phenanthrene	ND	0.06	ug/L	1	08/20/21	WB	625(SIM)
Pyrene	ND	0.49	ug/L	1	08/20/21	WB	625(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	82		%	1	08/20/21	WB	30 - 130 %
% Nitrobenzene-d5	95		%	1	08/20/21	WB	30 - 130 %

Ver 1

Project ID: DANIELS MILL
Client ID: TANK 2

Phoenix I.D.: CJ00917

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	72		%	1	08/20/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

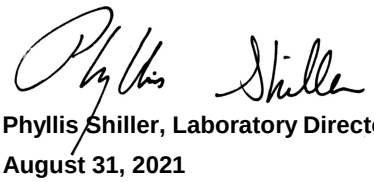
Comments:

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 31, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 31, 2021

FOR: Attn: Mr. Ben Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	WASTE WATER	Collected by:	BR	08/19/21	13:10
Location Code:	GZACTENG	Received by:	LB	08/19/21	15:32
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	45481.08				

Laboratory Data

SDG ID: GCJ00916
Phoenix ID: CJ00918

Project ID: DANIELS MILL
Client ID: TANK 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Waste Dilution TPH	Completed				08/19/21	R/R	SW3580A
TPH by GC (Extractable (C9-C36))							
Aviation Fuel / Kerosene	ND	17000	mg/kg	10	08/20/21	JRB	8015DRO
Diesel Fuel/Fuel Oil #2	**	17000	mg/kg	10	08/20/21	JRB	8015DRO
Fuel Oil #4	ND	17000	mg/kg	10	08/20/21	JRB	8015DRO
Fuel Oil #6	**	17000	mg/kg	10	08/20/21	JRB	8015DRO
Motor Oil	ND	17000	mg/kg	10	08/20/21	JRB	8015DRO
Other	ND	17000	mg/kg	10	08/20/21	JRB	8015DRO
Unidentified	1300000	17000	mg/kg	10	08/20/21	JRB	8015DRO
QA/QC Surrogates							
% COD (surr)	Diluted Out		%	10	08/20/21	JRB	50 - 150 %
% Terphenyl (surr)	Diluted Out		%	10	08/20/21	JRB	50 - 150 %

Project ID: DANIELS MILL
Client ID: TANK 4

Phoenix I.D.: CJ00918

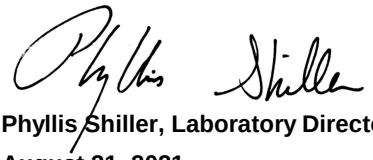
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram most closely resembles a mixture of diesel fuel / fuel #2 and fuel #6 The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 31, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 31, 2021

FOR: Attn: Mr. Ben Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	WASTE WATER	Collected by:	BR	08/19/21	13:40
Location Code:	GZACTENG	Received by:	LB	08/19/21	15:32
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	45481.08				

Laboratory Data

SDG ID: GCJ00916
Phoenix ID: CJ00919

Project ID: DANIELS MILL
Client ID: TANK 6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Silver	< 0.010	0.010	mg/L	1	08/20/21	TH	E200.7
TCLP Arsenic	0.204	0.004	mg/L	1	08/20/21	TH	E200.7
TCLP Barium	0.16	0.10	mg/L	1	08/20/21	TH	E200.7
TCLP Cadmium	< 0.005	0.005	mg/L	1	08/20/21	TH	E200.7
TCLP Chromium	< 0.05	0.05	mg/L	1	08/20/21	TH	E200.7
TCLP Mercury	< 0.0002	0.0002	mg/L	1	08/20/21	AT	E245.1
TCLP Lead	0.017	0.010	mg/L	1	08/20/21	TH	E200.7
TCLP Selenium	< 0.05	0.05	mg/L	1	08/20/21	TH	E200.7
TCLP Metals Digestion	Completed				08/20/21	CG/AB	SW3010A
Cyanide Amenable	< 0.050	* 0.050	mg/L	5	08/26/21	ARC/GD	SM4500CNG-11
Flash Point	>200	200	Degree F	1	08/24/21	ARG	SW1010B
Ignitability	Passed	140	degree F	1	08/24/21	ARG	SW846-Ignit
pH	6.86	1.00	pH Units	1	08/20/21 01:19	MW/ARC	SM4500-H B-11
Reactivity Cyanide	< 2.0	2.0	mg/L	1.99	08/23/21	ARG/GD	SW846-React
Reactivity Sulfide	< 5	5	mg/L	1	08/23/21	ARG	SW-7.3
Reactivity	Negative		Pos/Neg	1	08/23/21	ARG	SW846-React
Extraction of ETPH	Completed				08/19/21	P/CG	SW3510C/SW3520C
Semi-Volatile Extraction	Completed				08/19/21	P/CG	SW3520C
TCLP Digestion Mercury	Completed				08/20/21	AB/AB	SW7470A
TCLP Extraction for Metals	Completed				08/19/21	AB	SW1311
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	120	6.6	mg/L	100	08/25/21	AW	CTETPH 8015D
Identification	**		mg/L	100	08/25/21	AW	CTETPH 8015D
QA/QC Surrogates							
% Terphenyl (surr)	Diluted Out		%	100	08/25/21	AW	50 - 150 %

Ver 1

Project ID: DANIELS MILL
Client ID: TANK 6

Phoenix I.D.: CJ00919

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,1,1-Trichloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,1,2,2-Tetrachloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,1,2-Trichloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,1-Dichloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,1-Dichloroethene	ND	200	ug/L	400	08/23/21	HM	E624.1
1,1-Dichloropropene	ND	400	ug/L	400	08/23/21	HM	E624.1
1,2,3-Trichlorobenzene	ND	400	ug/L	400	08/23/21	HM	E624.1
1,2,3-Trichloropropane	ND	400	ug/L	400	08/23/21	HM	E624.1
1,2,4-Trichlorobenzene	ND	200	ug/L	400	08/23/21	HM	E624.1
1,2,4-Trimethylbenzene	ND	200	ug/L	400	08/23/21	HM	E624.1
1,2-Dibromo-3-chloropropane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,2-Dibromoethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,2-Dichlorobenzene	ND	400	ug/L	400	08/23/21	HM	E624.1
1,2-Dichloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,2-Dichloropropane	ND	200	ug/L	400	08/23/21	HM	E624.1
1,3,5-Trimethylbenzene	ND	200	ug/L	400	08/23/21	HM	E624.1
1,3-Dichlorobenzene	ND	400	ug/L	400	08/23/21	HM	E624.1
1,3-Dichloropropane	ND	400	ug/L	400	08/23/21	HM	E624.1
1,4-Dichlorobenzene	ND	200	ug/L	400	08/23/21	HM	E624.1
2,2-Dichloropropane	ND	400	ug/L	400	08/23/21	HM	E624.1
2-Chlorotoluene	ND	200	ug/L	400	08/23/21	HM	E624.1
2-Hexanone	ND	2000	ug/L	400	08/23/21	HM	E624.1
2-Isopropyltoluene	ND	400	ug/L	400	08/23/21	HM	E624.1
4-Chlorotoluene	ND	200	ug/L	400	08/23/21	HM	E624.1
4-Methyl-2-pentanone	ND	2000	ug/L	400	08/23/21	HM	E624.1
Acetone	3800000	250000	ug/L	50000	08/24/21	HM	E624.1
Acrylonitrile	ND	100	ug/L	400	08/23/21	HM	E624.1
Benzene	ND	200	ug/L	400	08/23/21	HM	E624.1
Bromobenzene	ND	400	ug/L	400	08/23/21	HM	E624.1
Bromochloromethane	ND	400	ug/L	400	08/23/21	HM	E624.1
Bromodichloromethane	ND	200	ug/L	400	08/23/21	HM	E624.1
Bromoform	ND	200	ug/L	400	08/23/21	HM	E624.1
Bromomethane	ND	200	ug/L	400	08/23/21	HM	E624.1
Carbon Disulfide	ND	200	ug/L	400	08/23/21	HM	E624.1
Carbon tetrachloride	ND	200	ug/L	400	08/23/21	HM	E624.1
Chlorobenzene	1000	400	ug/L	400	08/23/21	HM	E624.1
Chloroethane	ND	200	ug/L	400	08/23/21	HM	E624.1
Chloroform	ND	200	ug/L	400	08/23/21	HM	E624.1
Chloromethane	ND	200	ug/L	400	08/23/21	HM	E624.1
cis-1,2-Dichloroethene	ND	200	ug/L	400	08/23/21	HM	E624.1
cis-1,3-Dichloropropene	ND	200	ug/L	400	08/23/21	HM	E624.1
Dibromochloromethane	ND	200	ug/L	400	08/23/21	HM	E624.1
Dibromomethane	ND	400	ug/L	400	08/23/21	HM	E624.1
Dichlorodifluoromethane	ND	350	ug/L	400	08/23/21	HM	E624.1
Ethylbenzene	ND	400	ug/L	400	08/23/21	HM	E624.1
Hexachlorobutadiene	ND	200	ug/L	400	08/23/21	HM	E624.1
Isopropylbenzene	ND	200	ug/L	400	08/23/21	HM	E624.1

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
m&p-Xylene	ND	400	ug/L	400	08/23/21	HM	E624.1
Methyl ethyl ketone	19000	2000	ug/L	400	08/23/21	HM	E624.1
Methyl t-butyl ether (MTBE)	ND	200	ug/L	400	08/23/21	HM	E624.1
Methylene chloride	ND	2000	ug/L	400	08/23/21	HM	E624.1
Naphthalene	ND	400	ug/L	400	08/23/21	HM	E624.1
n-Butylbenzene	ND	350	ug/L	400	08/23/21	HM	E624.1
n-Propylbenzene	ND	200	ug/L	400	08/23/21	HM	E624.1
o-Xylene	ND	400	ug/L	400	08/23/21	HM	E624.1
p-Isopropyltoluene	ND	200	ug/L	400	08/23/21	HM	E624.1
sec-Butylbenzene	ND	350	ug/L	400	08/23/21	HM	E624.1
Styrene	ND	200	ug/L	400	08/23/21	HM	E624.1
tert-Butylbenzene	ND	350	ug/L	400	08/23/21	HM	E624.1
Tetrachloroethene	ND	200	ug/L	400	08/23/21	HM	E624.1
Tetrahydrofuran (THF)	ND	1000	ug/L	400	08/23/21	HM	E624.1
Toluene	1800	400	ug/L	400	08/23/21	HM	E624.1
Total Xylenes	ND	400	ug/L	400	08/23/21	HM	E624.1
trans-1,2-Dichloroethene	ND	200	ug/L	400	08/23/21	HM	E624.1
trans-1,3-Dichloropropene	ND	200	ug/L	400	08/23/21	HM	E624.1
trans-1,4-dichloro-2-butene	ND	2000	ug/L	400	08/23/21	HM	E624.1
Trichloroethene	ND	200	ug/L	400	08/23/21	HM	E624.1
Trichlorofluoromethane	ND	400	ug/L	400	08/23/21	HM	E624.1
Trichlorotrifluoroethane	ND	320	ug/L	400	08/23/21	HM	E624.1
Vinyl chloride	ND	200	ug/L	400	08/23/21	HM	E624.1
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (400x)	103		%	400	08/23/21	HM	70 - 130 %
% Bromofluorobenzene (400x)	96		%	400	08/23/21	HM	70 - 130 %
% Dibromofluoromethane (400x)	101		%	400	08/23/21	HM	70 - 130 %
% Toluene-d8 (400x)	102		%	400	08/23/21	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (50000x)	104		%	50000	08/24/21	HM	70 - 130 %
% Bromofluorobenzene (50000x)	95		%	50000	08/24/21	HM	70 - 130 %
% Dibromofluoromethane (50000x)	111		%	50000	08/24/21	HM	70 - 130 %
% Toluene-d8 (50000x)	101		%	50000	08/24/21	HM	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	28	ug/L	10	08/23/21	PS	SW8270D
Acenaphthene	ND	34	ug/L	10	08/23/21	PS	SW8270D
Acenaphthylene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Anthracene	ND	34	ug/L	10	08/23/21	PS	SW8270D
Benz(a)anthracene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Benzo(a)pyrene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Benzo(b)fluoranthene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Benzo(ghi)perylene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Benzo(k)fluoranthene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Chrysene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Dibenz(a,h)anthracene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Fluoranthene	ND	34	ug/L	10	08/23/21	PS	SW8270D
Fluorene	ND	34	ug/L	10	08/23/21	PS	SW8270D
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	10	08/23/21	PS	SW8270D
Naphthalene	32	29	ug/L	10	08/23/21	PS	SW8270D
Phenanthrene	ND	14	ug/L	10	08/23/21	PS	SW8270D

Project ID: DANIELS MILL
Client ID: TANK 6

Phoenix I.D.: CJ00919

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pyrene	ND	34	ug/L	10	08/23/21	PS	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl (10x)	45		%	10	08/23/21	PS	30 - 130 %
% Nitrobenzene-d5 (10x)	Interference		%	10	08/23/21	PS	30 - 130 %
% Terphenyl-d14 (10x)	39		%	10	08/23/21	PS	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Total Cyanide:
This sample was received with a pH<12; pH was adjusted to >12 (EPA requires preservation at time of sampling to a pH of >12.) A sample bias can not be ruled out.

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C9 to C20. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Amenable Cyanide Comment:
* The amenable cyanide could not be determined because the treated sample had more than two times the cyanide concentration of the untreated sample. The total cyanide concentration is 0.025 mg/L.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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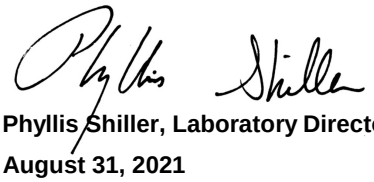

Phyllis Shiller, Laboratory Director
August 31, 2021
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 31, 2021

QA/QC Data

SDG I.D.: GCJ00916

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 588646 (mg/L), QC Sample No: CJ00347 (CJ00916)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	91.3			99.8			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 588647 (mg/L), QC Sample No: CJ01123 (CJ00917, CJ00919)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	108			99.5			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 588650 (mg/L), QC Sample No: CJ01123 (CJ00916, CJ00917, CJ00919)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.10	<0.10	<0.10	NC	102	109	6.6	103			80 - 120	20
Barium	BRL	0.10	0.36	0.32	NC	95.7	103	7.3	102			80 - 120	20
Cadmium	BRL	0.050	<0.050	<0.050	NC	95.4	103	7.7	102			80 - 120	20
Chromium	BRL	0.10	<0.10	<0.10	NC	92.5	100	7.8	101			80 - 120	20
Lead	BRL	0.10	<0.10	<0.10	NC	96.7	103	6.3	102			80 - 120	20
Selenium	BRL	0.10	<0.10	<0.10	NC	104	111	6.5	102			80 - 120	20
Silver	BRL	0.10	<0.10	<0.10	NC	100	107	6.8	102			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

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QA/QC Report

August 31, 2021

QA/QC Data

SDG I.D.: GCJ00916

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 589138 (mg/L), QC Sample No: CJ00916 (CJ00916, CJ00917, CJ00919)													
Cyanide Amenable	BRL	0.010	<0.010	<0.010	NC	106						90 - 110	20
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 588833 (mg/Kg), QC Sample No: CJ11284 5X (CJ00916, CJ00917, CJ00919)													
Reactivity Cyanide	BRL	5	<5	<4.9	NC	99.5						85 - 115	30
Reactivity Sulfide	BRL	20	<20	<20	NC	93.5						80 - 120	30
QA/QC Batch 588923 (Degree F), QC Sample No: CJ00657 (CJ00916, CJ00917)													
Flash Point			>200	>200	NC	103						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 588659 (pH), QC Sample No: CJ00773 (CJ00916, CJ00917)													
pH			8.65	8.64	0.10	97.2						85 - 115	20
QA/QC Batch 588639 (PH), QC Sample No: CJ00820 (CJ00919)													
pH at 25C - Soil			8.95	8.97	0.20	100						85 - 115	20
QA/QC Batch 589104 (Degree F), QC Sample No: CJ00919 (CJ00919)													
Flash Point			>200	>200	NC	103						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													

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QA/QC Report

August 31, 2021

QA/QC Data

SDG I.D.: GCJ00916

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 588558 (mg/L), QC Sample No: CJ00618 (CJ00916, CJ00917, CJ00919)											
TPH by GC (Extractable Products) - Waste Water											
Ext. Petroleum H.C. (C9-C36)	ND	0.10	104	111	6.5				60 - 120	30	
% Terphenyl (surr)	89	%	79	125	45.1				50 - 150	20	r
Comment:											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 588618 (mg/kg), QC Sample No: CJ00918 (CJ00918)											
TPH by GC (Extractable Products)											
Aviation Fuel/Kerosene	ND	3700							60 - 120	30	
Ext. Petroleum HC	ND	50	49	53	7.8				30 - 130	30	
Fuel Oil #2/ Diesel Fuel	ND	3700							60 - 120	30	
Fuel Oil #4	ND	990							60 - 120	30	
Fuel Oil #6	ND	990							60 - 120	30	
Motor Oil	ND	990							60 - 120	30	
Other Oil (Cutting & Lubricating)	ND	3700							60 - 120	30	
% COD (surr)	56	%	65	54	18.5				50 - 150	30	
% Terphenyl (surr)	97	%	97	98	1.0				50 - 150	30	
Comment:											
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 588557 (ug/L), QC Sample No: CI99128 (CJ00916, CJ00917, CJ00919)											
Semivolatiles by SIM, PAH - Waste Water											
2-Methylnaphthalene	ND	0.50	55	58	5.3				30 - 130	20	
Acenaphthene	ND	0.50	67	66	1.5				30 - 130	20	
Acenaphthylene	ND	0.10	62	44	34.0				30 - 130	20	r
Anthracene	ND	0.10	75	73	2.7				30 - 130	20	
Benz(a)anthracene	ND	0.02	79	80	1.3				30 - 130	20	
Benzo(a)pyrene	ND	0.02	77	65	16.9				30 - 130	20	
Benzo(b)fluoranthene	ND	0.02	81	95	15.9				30 - 130	20	
Benzo(ghi)perylene	ND	0.02	69	69	0.0				30 - 130	20	
Benzo(k)fluoranthene	ND	0.02	82	89	8.2				30 - 130	20	
Chrysene	ND	0.02	72	76	5.4				30 - 130	20	
Dibenz(a,h)anthracene	ND	0.02	82	97	16.8				30 - 130	20	
Fluoranthene	ND	0.50	80	82	2.5				30 - 130	20	
Fluorene	ND	0.10	68	73	7.1				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	0.02	86	84	2.4				30 - 130	20	
Naphthalene	ND	0.50	54	55	1.8				30 - 130	20	
Phenanthrene	ND	0.06	77	79	2.6				30 - 130	20	
Pyrene	ND	0.07	81	76	6.4				30 - 130	20	
% 2-Fluorobiphenyl	51	%	53	52	1.9				30 - 130	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Nitrobenzene-d5	78	%	91	71	24.7				30 - 130	20	r
% Terphenyl-d14	75	%	72	73	1.4				30 - 130	20	

Comment:

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 588948 (ug/L), QC Sample No: CJ00618 (CJ00916, CJ00917, CJ00919 (400X))

Volatiles - Waste Water

1,1,1,2-Tetrachloroethane	ND	1.0	98	98	0.0				70 - 130	20	
1,1,1-Trichloroethane	ND	1.0	96	97	1.0				70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	0.50	88	87	1.1				70 - 130	20	
1,1,2-Trichloroethane	ND	1.0	90	92	2.2				70 - 130	20	
1,1-Dichloroethane	ND	1.0	95	95	0.0				70 - 130	20	
1,1-Dichloroethene	ND	1.0	92	92	0.0				70 - 130	20	
1,1-Dichloropropene	ND	1.0	98	100	2.0				70 - 130	20	
1,2,3-Trichlorobenzene	ND	1.0	95	95	0.0				70 - 130	20	
1,2,3-Trichloropropane	ND	1.0	89	81	9.4				70 - 130	20	
1,2,4-Trichlorobenzene	ND	1.0	98	97	1.0				70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	107	106	0.9				70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	1.0	78	79	1.3				70 - 130	20	
1,2-Dibromoethane	ND	1.0	90	89	1.1				70 - 130	20	
1,2-Dichlorobenzene	ND	1.0	92	91	1.1				70 - 130	20	
1,2-Dichloroethane	ND	1.0	92	92	0.0				70 - 130	20	
1,2-Dichloropropane	ND	1.0	98	98	0.0				70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	105	105	0.0				70 - 130	20	
1,3-Dichlorobenzene	ND	1.0	98	98	0.0				70 - 130	20	
1,3-Dichloropropane	ND	1.0	95	95	0.0				70 - 130	20	
1,4-Dichlorobenzene	ND	1.0	91	91	0.0				70 - 130	20	
2,2-Dichloropropane	ND	1.0	99	98	1.0				70 - 130	20	
2-Chlorotoluene	ND	1.0	98	98	0.0				70 - 130	20	
2-Hexanone	ND	5.0	74	73	1.4				70 - 130	20	
2-Isopropyltoluene	ND	1.0	104	104	0.0				70 - 130	20	
4-Chlorotoluene	ND	1.0	96	97	1.0				70 - 130	20	
4-Methyl-2-pentanone	ND	5.0	77	76	1.3				70 - 130	20	
Acetone	ND	5.0	72	71	1.4				70 - 130	20	
Acrylonitrile	ND	5.0	79	78	1.3				70 - 130	20	
Benzene	ND	0.70	101	101	0.0				70 - 130	20	
Bromobenzene	ND	1.0	95	94	1.1				70 - 130	20	
Bromochloromethane	ND	1.0	90	92	2.2				70 - 130	20	
Bromodichloromethane	ND	0.50	95	94	1.1				70 - 130	20	
Bromoform	ND	1.0	86	86	0.0				70 - 130	20	
Bromomethane	ND	1.0	89	92	3.3				70 - 130	20	
Carbon Disulfide	ND	1.0	92	93	1.1				70 - 130	20	
Carbon tetrachloride	ND	1.0	107	109	1.9				70 - 130	20	
Chlorobenzene	ND	1.0	95	94	1.1				70 - 130	20	
Chloroethane	ND	1.0	97	97	0.0				70 - 130	30	
Chloroform	ND	1.0	91	92	1.1				70 - 130	20	
Chloromethane	ND	1.0	93	92	1.1				70 - 130	20	
cis-1,2-Dichloroethene	ND	1.0	100	98	2.0				70 - 130	20	
cis-1,3-Dichloropropene	ND	0.40	102	101	1.0				70 - 130	20	
Dibromochloromethane	ND	0.50	93	94	1.1				70 - 130	20	
Dibromomethane	ND	1.0	87	85	2.3				70 - 130	20	
Dichlorodifluoromethane	ND	1.0	114	116	1.7				70 - 130	20	

QA/QC Data

SDG I.D.: GCJ00916

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Ethylbenzene	ND	1.0	102	98	4.0				70 - 130	20	
Hexachlorobutadiene	ND	0.40	103	104	1.0				70 - 130	20	
Isopropylbenzene	ND	1.0	108	109	0.9				70 - 130	20	
m&p-Xylene	ND	1.0	101	101	0.0				70 - 130	20	
Methyl ethyl ketone	ND	5.0	80	74	7.8				70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	1.0	94	94	0.0				70 - 130	20	
Methylene chloride	ND	1.0	98	98	0.0				70 - 130	20	
Naphthalene	ND	1.0	94	91	3.2				70 - 130	20	
n-Butylbenzene	ND	1.0	105	103	1.9				70 - 130	20	
n-Propylbenzene	ND	1.0	100	102	2.0				70 - 130	20	
o-Xylene	ND	1.0	102	102	0.0				70 - 130	20	
p-Isopropyltoluene	ND	1.0	113	113	0.0				70 - 130	20	
sec-Butylbenzene	ND	1.0	119	119	0.0				70 - 130	20	
Styrene	ND	1.0	107	105	1.9				70 - 130	20	
tert-Butylbenzene	ND	1.0	106	107	0.9				70 - 130	20	
Tetrachloroethene	ND	1.0	95	94	1.1				70 - 130	20	
Tetrahydrofuran (THF)	ND	2.5	82	78	5.0				70 - 130	20	
Toluene	ND	1.0	98	97	1.0				70 - 130	20	
trans-1,2-Dichloroethene	ND	1.0	98	100	2.0				70 - 130	20	
trans-1,3-Dichloropropene	ND	0.40	98	96	2.1				70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	89	91	2.2				70 - 130	20	
Trichloroethene	ND	1.0	95	96	1.0				70 - 130	20	
Trichlorofluoromethane	ND	1.0	99	99	0.0				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	96	98	2.1				70 - 130	20	
Vinyl chloride	ND	1.0	104	102	1.9				70 - 130	20	
% 1,2-dichlorobenzene-d4	102	%	98	99	1.0				70 - 130	20	
% Bromofluorobenzene	97	%	102	101	1.0				70 - 130	20	
% Dibromofluoromethane	107	%	100	98	2.0				70 - 130	20	
% Toluene-d8	100	%	99	100	1.0				70 - 130	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 589236 (ug/L), QC Sample No: CJ01277 (CJ00919 (50000X))

Volatiles - Waste Water

Acetone	ND	5.0	72	72	0.0	116	91	24.2	70 - 130	20	r
% 1,2-dichlorobenzene-d4	101	%	98	99	1.0	100	98	2.0	70 - 130	20	
% Bromofluorobenzene	96	%	101	102	1.0	106	101	4.8	70 - 130	20	
% Dibromofluoromethane	103	%	102	100	2.0	128	104	20.7	70 - 130	20	r
% Toluene-d8	99	%	99	100	1.0	101	101	0.0	70 - 130	20	

Comment:

A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GCJ00916

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 31, 2021

Tuesday, August 31, 2021

Criteria: CT: GWP, SWP

State: CT

Sample Criteria Exceedances Report

GCJ00916 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ00916	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	0.50	0.2	0.2	ug/L
CJ00916	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	0.50	0.05	0.05	ug/L
CJ00916	TCLP-PB	TCLP Lead	CT / RSR GWPC (ug/l) / Inorganics	0.016	0.010	0.015	0.015	mg/L
CJ00916	TCLP-PB	TCLP Lead	CT / RSR SWPC (ug/l) / Inorganics	0.016	0.010	0.013	0.013	mg/L
CJ00917	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	0.50	0.2	0.2	ug/L
CJ00917	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	0.50	0.05	0.05	ug/L
CJ00919	$8100WMR	Dibenz(a,h)anthracene	CT / RSR GWPC (ug/l) / APS Organics	ND	10	0.1	0.1	ug/L
CJ00919	$8100WMR	Benzo(ghi)perylene	CT / RSR GWPC (ug/l) / APS Organics	ND	10	0.48	0.48	ug/L
CJ00919	$8100WMR	Chrysene	CT / RSR GWPC (ug/l) / APS Organics	ND	10	4.8	4.8	ug/L
CJ00919	$8100WMR	Indeno(1,2,3-cd)pyrene	CT / RSR GWPC (ug/l) / APS Organics	ND	10	0.1	0.1	ug/L
CJ00919	$8100WMR	Benz(a)anthracene	CT / RSR GWPC (ug/l) / Semivolatiles	ND	10	0.06	0.06	ug/L
CJ00919	$8100WMR	Benzo(b)fluoranthene	CT / RSR GWPC (ug/l) / Semivolatiles	ND	10	0.08	0.08	ug/L
CJ00919	$8100WMR	Benzo(k)fluoranthene	CT / RSR GWPC (ug/l) / Semivolatiles	ND	10	0.5	0.5	ug/L
CJ00919	$8100WMR	Benzo(a)pyrene	CT / RSR GWPC (ug/l) / Semivolatiles	ND	10	0.2	0.2	ug/L
CJ00919	$8100WMR	Chrysene	CT / RSR SWPC (ug/l) / APS Organics	ND	10	0.54	0.54	ug/L
CJ00919	$8100WMR	Dibenz(a,h)anthracene	CT / RSR SWPC (ug/l) / APS Organics	ND	10	0.3	0.3	ug/L
CJ00919	$8100WMR	Indeno(1,2,3-cd)pyrene	CT / RSR SWPC (ug/l) / APS Organics	ND	10	0.54	0.54	ug/L
CJ00919	$8100WMR	Acenaphthylene	CT / RSR SWPC (ug/l) / Semivolatiles	ND	10	0.3	0.3	ug/L
CJ00919	$8100WMR	Benzo(k)fluoranthene	CT / RSR SWPC (ug/l) / Semivolatiles	ND	10	0.3	0.3	ug/L
CJ00919	$8100WMR	Benzo(b)fluoranthene	CT / RSR SWPC (ug/l) / Semivolatiles	ND	10	0.3	0.3	ug/L
CJ00919	$8100WMR	Benzo(a)pyrene	CT / RSR SWPC (ug/l) / Semivolatiles	ND	10	0.3	0.3	ug/L
CJ00919	$8100WMR	Benz(a)anthracene	CT / RSR SWPC (ug/l) / Semivolatiles	ND	10	0.3	0.3	ug/L
CJ00919	$8260GWR	Total Xylenes	CT / RSR SWPC (ug/l) / APS Organics	ND	400	270	270	ug/L
CJ00919	$8260GWR	1,3,5-Trimethylbenzene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	140	140	ug/L
CJ00919	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR GWPC (ug/l) / APS Organics	ND	200	0.2	0.2	ug/L
CJ00919	$8260GWR	Bromodichloromethane	CT / RSR GWPC (ug/l) / APS Organics	ND	200	1	1	ug/L
CJ00919	$8260GWR	1,2,4-Trimethylbenzene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	140	140	ug/L
CJ00919	$8260GWR	Bromomethane	CT / RSR GWPC (ug/l) / APS Organics	ND	200	3.5	3.5	ug/L
CJ00919	$8260GWR	1,2,4-Trichlorobenzene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	70	70	ug/L
CJ00919	$8260GWR	Carbon Disulfide	CT / RSR GWPC (ug/l) / APS Organics	ND	200	40	40	ug/L
CJ00919	$8260GWR	Hexachlorobutadiene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	7.4	7.4	ug/L
CJ00919	$8260GWR	n-Propylbenzene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	50	50	ug/L
CJ00919	$8260GWR	2-Hexanone	CT / RSR GWPC (ug/l) / APS Organics	ND	2000	35	35	ug/L
CJ00919	$8260GWR	Chloromethane	CT / RSR GWPC (ug/l) / APS Organics	ND	200	18	18	ug/L
CJ00919	$8260GWR	2-Chlorotoluene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	140	140	ug/L
CJ00919	$8260GWR	4-Chlorotoluene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	140	140	ug/L
CJ00919	$8260GWR	Isopropylbenzene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	25	25	ug/L
CJ00919	$8260GWR	Tetrahydrofuran (THF)	CT / RSR GWPC (ug/l) / APS Organics	ND	1000	4	4	ug/L
CJ00919	$8260GWR	p-Isopropyltoluene	CT / RSR GWPC (ug/l) / APS Organics	ND	200	25	25	ug/L
CJ00919	$8260GWR	Chloroethane	CT / RSR GWPC (ug/l) / APS Organics	ND	200	7.4	7.4	ug/L

Tuesday, August 31, 2021

Criteria: CT: GWP, SWP

State: CT

Sample Criteria Exceedances Report

GCJ00916 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ00919	$8260GWR	1,2-Dichloropropane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	5	5	ug/L
CJ00919	$8260GWR	1,4-Dichlorobenzene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	75	75	ug/L
CJ00919	$8260GWR	1,1,2-Trichloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	5	5	ug/L
CJ00919	$8260GWR	1,2-Dichloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	1	1	ug/L
CJ00919	$8260GWR	1,2-Dibromoethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	0.05	0.05	ug/L
CJ00919	$8260GWR	1,1-Dichloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	70	70	ug/L
CJ00919	$8260GWR	1,1,2,2-Tetrachloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	0.5	0.5	ug/L
CJ00919	$8260GWR	1,1,1,2-Tetrachloroethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	1	1	ug/L
CJ00919	$8260GWR	1,1-Dichloroethene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	7	7	ug/L
CJ00919	$8260GWR	Styrene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	100	100	ug/L
CJ00919	$8260GWR	Chloroform	CT / RSR GWPC (ug/l) / Volatiles	ND	200	6	6	ug/L
CJ00919	$8260GWR	Acetone	CT / RSR GWPC (ug/l) / Volatiles	3800000	250000	700	700	ug/L
CJ00919	$8260GWR	cis-1,3-Dichloropropene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	0.5	0.5	ug/L
CJ00919	$8260GWR	4-Methyl-2-pentanone	CT / RSR GWPC (ug/l) / Volatiles	ND	2000	350	350	ug/L
CJ00919	$8260GWR	Methyl ethyl ketone	CT / RSR GWPC (ug/l) / Volatiles	19000	2000	400	400	ug/L
CJ00919	$8260GWR	Chlorobenzene	CT / RSR GWPC (ug/l) / Volatiles	1000	400	100	100	ug/L
CJ00919	$8260GWR	Methylene chloride	CT / RSR GWPC (ug/l) / Volatiles	ND	2000	5	5	ug/L
CJ00919	$8260GWR	cis-1,2-Dichloroethene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	70	70	ug/L
CJ00919	$8260GWR	Tetrachloroethene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	5	5	ug/L
CJ00919	$8260GWR	Toluene	CT / RSR GWPC (ug/l) / Volatiles	1800	400	1000	1000	ug/L
CJ00919	$8260GWR	trans-1,2-Dichloroethene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	100	100	ug/L
CJ00919	$8260GWR	trans-1,3-Dichloropropene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	0.5	0.5	ug/L
CJ00919	$8260GWR	Trichloroethene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	5	5	ug/L
CJ00919	$8260GWR	Vinyl chloride	CT / RSR GWPC (ug/l) / Volatiles	ND	200	2	2	ug/L
CJ00919	$8260GWR	Methyl t-butyl ether (MTBE)	CT / RSR GWPC (ug/l) / Volatiles	ND	200	100	100	ug/L
CJ00919	$8260GWR	Benzene	CT / RSR GWPC (ug/l) / Volatiles	ND	200	1	1	ug/L
CJ00919	$8260GWR	Carbon tetrachloride	CT / RSR GWPC (ug/l) / Volatiles	ND	200	5	5	ug/L
CJ00919	$8260GWR	Acrylonitrile	CT / RSR GWPC (ug/l) / Volatiles	ND	100	0.5	0.5	ug/L
CJ00919	$8260GWR	Dibromochloromethane	CT / RSR GWPC (ug/l) / Volatiles	ND	200	0.5	0.5	ug/L
CJ00919	$8260GWR	Bromoform	CT / RSR GWPC (ug/l) / Volatiles	ND	200	4	4	ug/L
CJ00919	$8260GWR	1,2-Dichloropropane	CT / RSR SWPC (ug/l) / APS Organics	ND	200	150	150	ug/L
CJ00919	$8260GWR	Acetone	CT / RSR SWPC (ug/l) / APS Organics	3800000	250000	10000	10000	ug/L
CJ00919	$8260GWR	1,2-Dibromo-3-chloropropane	CT / RSR SWPC (ug/l) / APS Organics	ND	200	1.1	1.1	ug/L
CJ00919	$8260GWR	1,2,4-Trimethylbenzene	CT / RSR SWPC (ug/l) / APS Organics	ND	200	150	150	ug/L
CJ00919	$8260GWR	Carbon Disulfide	CT / RSR SWPC (ug/l) / APS Organics	ND	200	150	150	ug/L
CJ00919	$8260GWR	1,2,4-Trichlorobenzene	CT / RSR SWPC (ug/l) / APS Organics	ND	200	9.6	9.6	ug/L
CJ00919	$8260GWR	Hexachlorobutadiene	CT / RSR SWPC (ug/l) / APS Organics	ND	200	10	10	ug/L
CJ00919	$8260GWR	Bromomethane	CT / RSR SWPC (ug/l) / APS Organics	ND	200	160	160	ug/L
CJ00919	$8260GWR	Methyl ethyl ketone	CT / RSR SWPC (ug/l) / APS Organics	19000	2000	10000	10000	ug/L
CJ00919	$8260GWR	Tetrachloroethene	CT / RSR SWPC (ug/l) / Volatiles	ND	200	88	88	ug/L
CJ00919	$8260GWR	Carbon tetrachloride	CT / RSR SWPC (ug/l) / Volatiles	ND	200	132	132	ug/L
CJ00919	$8260GWR	1,1-Dichloroethene	CT / RSR SWPC (ug/l) / Volatiles	ND	200	96	96	ug/L

Tuesday, August 31, 2021

Criteria: CT: GWP, SWP

State: CT

Sample Criteria Exceedances Report

GCJ00916 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ00919	$8260GWR	Acrylonitrile	CT / RSR SWPC (ug/l) / Volatiles	ND	100	20	20	ug/L
CJ00919	$8260GWR	1,1,2,2-Tetrachloroethane	CT / RSR SWPC (ug/l) / Volatiles	ND	200	110	110	ug/L
CJ00919	$ETPH_WMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR GWPC (ug/l) / Pest/PCB/TPH	120	6.6	0.25	0.25	mg/L
CJ00919	$ETPH_WMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR SWPC (ug/l) / APS Organics	120	6.6	0.25	0.25	mg/L
CJ00919	TCLP-AS	TCLP Arsenic	CT / RSR GWPC (ug/l) / Inorganics	0.204	0.004	0.05	0.05	mg/L
CJ00919	TCLP-AS	TCLP Arsenic	CT / RSR SWPC (ug/l) / Inorganics	0.204	0.004	0.004	0.004	mg/L
CJ00919	TCLP-PB	TCLP Lead	CT / RSR GWPC (ug/l) / Inorganics	0.017	0.010	0.015	0.015	mg/L
CJ00919	TCLP-PB	TCLP Lead	CT / RSR SWPC (ug/l) / Inorganics	0.017	0.010	0.013	0.013	mg/L

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL ***Project Number:***

Laboratory Sample ID(s): CJ00916-CJ00919 ***Sampling Date(s):*** 8/19/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 1311/1312, 6010, 7470/7471, 8260, 8270, ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☐ Yes ☑ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: ETPH Narration, SVOASIM Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?**	☑ Yes ☐ No
	b) Were these reporting limits met?	☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Phyllis Shiller **Position:** Laboratory Director

Printed Name: Phyllis Shiller **Date:** Tuesday, August 31, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 31, 2021

SDG I.D.: GCJ00916

SDG Comments

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. Only the RCRA 8 Metals are reported as requested on the chain of custody. The following analytes from the 6010 RCP Metals list were not reported: Antimony, Beryllium, Copper, Nickel, Thallium, Vanadium, Zinc.

Volatile 8260 analysis:
1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane do not meet the GWP these compounds are analyzed by GC/ECD to achieve this criteria.

8270 Semi-volatile Organics:
Only the PAH constituents are reported as requested on the chain-of-custody. In order to achieve the requested reporting levels for the target compounds, the sample was extracted and analyzed via 8270 selective ion monitoring (SIM).

Not all requested reporting levels were achieved due to the presence of target and non target compounds. Please refer to the Sample Criteria Exceedances section of this report.

Temperature above 6C:
The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no significant bias is suspected.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

LACHAT 08/23/21-1 Alyssa Cooke, Greg Danielewski, Chemist 08/23/21

CJ00916 , CJ00917 , CJ00919

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

LACHAT 08/25/21-1 Blake Antil, Greg Danielewski, Chemist 08/25/21

CJ00916 , CJ00917

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

LACHAT 08/26/21-1 Alyssa Cooke, Greg Danielewski, Chemist 08/26/21

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 31, 2021

SDG I.D.: GCJ00916

Cyanide Narration

CJ00919

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

QC (Batch Specific):

Batch 588833 (CJ11284)

CJ00916, CJ00917, CJ00919

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils

Batch 589138 (CJ00916)

CJ00916, CJ00917, CJ00919

All LCS recoveries were within 90 - 110 with the following exceptions: None.
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 588558 (Samples: CJ00916, CJ00917, CJ00919): -----

The LCS/LCSD RPD exceeds the method criteria for the surrogate. The RPD for the target analytes is acceptable. No significant variability is suspected. (% Terphenyl (surr))

Instrument:

AU-FID22 08/19/21-1 Jeff Bucko, Chemist 08/19/21

CJ00918 (1X, 10X)

The initial calibration (ETPH727I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (819A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL1 08/20/21-1 Jeff Bucko, Chemist 08/20/21

CJ00916 (1X), CJ00917 (1X)

The initial calibration (ETPH506I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (820A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL2 08/24/21-1 Adam Werner, Chemist 08/24/21

CJ00919 (100X)

The initial calibration (ETPH704I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (824A003_2) and contained the following outliers: None.

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RCP Certification Report

August 31, 2021

SDG I.D.: GCJ00916

ETPH Narration

The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 588558 (CJ00618)

CJ00916, CJ00917, CJ00919

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: % Terphenyl (surr)(45.1%)
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Batch 588618 (CJ00918)

CJ00918

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Mercury Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

MERLIN 08/20/21 09:16 Alex Purdue, Chemist 08/20/21

CJ00916, CJ00917, CJ00919

The method preparation blank, ICB, and CCBs contain all of the acids and reagents as the samples.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 588646 (CJ00347)

CJ00916

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

Batch 588647 (CJ01123)

CJ00917, CJ00919

All LCS recoveries were within 80 - 120 with the following exceptions: None.

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Certification Report

August 31, 2021

SDG I.D.: GCJ00916

Mercury Narration

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

ICP Metals Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

ARCOS 08/20/21 07:40 Tina Hall, Chemist 08/20/21

CJ00916, CJ00917, CJ00919

Additional criteria for CCV and ICSAB:
Sodium and Potassium are poor performing elements, the laboratory's in-house limits are 85-115% (CCV) and 70-130% (ICSAB).The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 588650 (CJ01123)

CJ00916, CJ00917, CJ00919

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM22 08/23/21-1 Wes Bryon, Chemist 08/23/21

CJ00919 (10X)

Initial Calibration Evaluation (CHEM22/22_SPLIT_0728):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM22/0823_03-22_SPLIT_0728):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
98% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 31, 2021

SDG I.D.: GCJ00916

SVOA Narration

Batch 588557 (CI99128)

CJ00916, CJ00917, CJ00919

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: % Nitrobenzene-d5(24.7%), Acenaphthylene(34.0%)
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

SVOASIM Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 588557 (Samples: CJ00916, CJ00917, CJ00919): -----

The LCS/LCSD RPD exceeds the method criteria for one analyte and a surrogate. This analyte was not reported in the sample(s). No significant variability is suspected. (Acenaphthylene, % Nitrobenzene-d5)

Instrument:

CHEM33 08/20/21-1 Wes Bryon, Chemist 08/20/21

CJ00916 (1X), CJ00917 (1X)

Initial Calibration Evaluation (CHEM33/33_PAHSIM_0701):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM33/0820_03-33_PAHSIM_0701):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 588557 (CI99128)

CJ00916, CJ00917, CJ00919

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: % Nitrobenzene-d5(24.7%), Acenaphthylene(34.0%)
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

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RCP Certification Report

August 31, 2021

SDG I.D.: GCJ00916

VOA Narration

Instrument:

CHEM23 08/22/21-1 Harry Mullin, Chemist 08/22/21

CJ00916 (1X), CJ00917 (1X), CJ00919 (400X)

Initial Calibration Evaluation (CHEM23/VOA23_081621):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: Bromomethane 26% (20%), Naphthalene 23% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM23/0822_03-VOA23_081621):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

CHEM23 08/24/21-1 Harry Mullin, Chemist 08/24/21

CJ00919 (50000X)

Initial Calibration Evaluation (CHEM23/VOA23_081621):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM23/0824_03-VOA23_081621):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 588948 (CJ00618) CHEM23 8/22/2021-1

CJ00916(1X), CJ00917(1X), CJ00919(400X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 589236 (CJ01277) CHEM23 8/24/2021-1

CJ00919(50000X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A blank MS/MSD was analyzed with this batch.

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RCP Certification Report

August 31, 2021

SDG I.D.: GCJ00916

VOA Narration

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 22.2C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ~~No~~ / Coolant: IPK ☐ ICE ☐ ~~No~~

CHAIN OF CUSTODY RECORD

Temp 22.2 °C Pg 1 of 1

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☒ ~~Email~~:

Customer: GZA
Address: Glastenbury CT
Project: Daniels Mill
Report to: Ben Rach
Invoice to: Same
QUOTE #
Project P.O: 45441.08

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 8-19-21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	ETPH	PAH	TCLP RCRA metals	Reactive Cyanide & Sulfide	Amenable Cyanide	PH Flashpoint	Extra PAH Analysis MS/MSD	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial	GL Amber 1000ml	PL As is [ ] HCl	PL As is [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle with NaOH	Bacteria Bottle as is
00916	Tank-1	~~DW~~ W	8-19-21	1230	X	X	X	X	X	X	X						5	3	2			1	1		
(1) 00917	Tank-2	WW	8-19-21	1250	X	X	X	X	X	X	X						5	3	2			1	1		
00918	Tank-4	WW	8-19-21	1310								X						1							
(2) 00919	Tank-6	WW	8-19-21	1390	X	X	X	X	X	X	X						5	3	2			1	1		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8/19/21	15:32

Comments, Special Requirements or Regulations:
Site is tax free
(1) NO NAOH received (HZO)
(2) ½ NAOH bottles received

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☐ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
☐ RCP Cert
☒ GW Protection
☒ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: CT

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☒ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

APPENDIX C
TANK REGISTRATION AND FIRE MARSHALL FORM

Connecticut Department of
Energy & Environmental Protection
Bureau of Materials Management & Compliance Assurance
Emergency Response & Spill Prevention Division

Notification of Scheduled Permanent Closure of Underground Storage Tanks

Submit one notification form per site. This notification must be submitted at least 30 days before beginning permanent closure of a commercial underground storage tank (UST) pursuant to the UST Regulations; section 22a-449(d)-107 of the Regulations of State Agencies.

Important Information:

1) ***At least 30 days before beginning permanent closure, please submit this completed form to: DEEP.30DayUST@ct.gov. A separate notification is required and submitted through ezFile when the tank is completely closed.***
2) ***Please review DEEP Guidance on Sampling and Analytical Methods for UST Closure: www.ct.gov/deep/cwp/view.asp?a=2692&q=322592&deepNav_GID=1652.***
3) ***If a release is discovered during a pre-tank removal assessment or during the tank removal the release must be reported to DEEP pursuant to Connecticut General Statutes section 22a-450 (please call 860-424-3338 or toll free at 1-866-337-7745).***
4) ***DEEP may be onsite to inspect the removal activities, but whether an inspection is performed or not, please proceed on your submitted schedule.***
5) ***If the submitted schedule changes please e-mail details of the schedule change to: DEEP.30DayUST@ct.gov. Enter "Schedule Change" on the email subject line.***

Part I: Site Information

1. LOCATION of UST(s)

Name of site: **Former Daniels Mill**

Street Address or Location Description: **98 East Main Street**

City/Town: **Vernon** State: **CT** Zip Code: **06066**

2. Site ID Number: _____

Part II: Owner/Operator Information

1. UST Owner Name: Town of Vernon

Mailing Address: 14 Park Place, 3rd Floor

City/Town: Vernon State: CT Zip Code: 06066

Business Phone: 860-870-3637 ext.:

Contact Person: Shaun Gately Phone: 860-870-3637 ext.

*E-mail: sgately@vernon-ct.gov

*By providing this e-mail address you are agreeing to receive official correspondence from the department, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

Part II: Owner/Operator Information (continued)

2. UST Operator, if different than UST owner

Name: Same

Mailing Address:

City/Town: State: Zip Code:

Business Phone: ext.:

Contact Person: Phone: ext.

*E-mail:

*By providing this e-mail address you are agreeing to receive official correspondence from the department, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes.

3. Contractor or person responsible for removing the UST System:

Name: Cisco, LLC

Mailing Address: 525 Ella Grasso Boulevard

City/Town: New Haven State: CT Zip Code: 06519

Business Phone: 203-915-2883 ext.:

Contact Person: Carter Porter Phone: 203-915-2883 ext.

E-mail: porter@ciscoenv.com

4. Contractor or environmental consultant responsible for conducting sampling:

Name: GZA GeoEnvironmental, Inc.

Mailing Address: 95 Glastonbury Boulevard, 3rd Floor

City/Town: Glastonbury State: CT Zip Code: 06033

Business Phone: 860-286-8900 ext.:

Contact Person: David Rusczyk Phone: 860-250-8556 ext.

E-mail: david.rusczyk@gza.com

Part III: Underground Storage Tank Information

Complete for all tanks being permanently closed at the subject location.

Tank Identification Number	Tank No.: 1	Tank No.: 2	Tank No.: 3	Tank No.: 4	Tank No.: 5
1. **Estimated Date Tank will be Closed** (month/day/year)	9/20/21	9/20/21	9/20/21	9/20/21	9/20/21
2. **Estimated Total Capacity** (gallons)	1500	1500	1500	3000	1500
3a. **Will a pre- tank removal assessment be undertaken (or was it already undertaken)?**	☒ yes ☐ no	☒ yes ☐ no	☒ yes ☐ no	☒ yes ☐ no	☒ yes ☐ no
3b. **If yes, was a release discovered and reported?**	☐ yes ☒ no	☐ yes ☒ no	☐ yes ☒ no	☐ yes ☒ no	☐ yes ☒ no
4. **Is this a piping only removal?**	☒ yes ☐ no	☒ yes ☐ no	☒ yes ☐ no	☒ yes ☐ no	☒ yes ☐ no
5. **Substance Currently Stored (or last stored)** *check one per compartment/tank*					
Gasoline	☐	☐	☐	☐	☐
Diesel	☐	☐	☐	☐	☐
Kerosene (for resale)	☐	☐	☐	☐	☐
Kerosene (on-site consumption)	☐	☐	☐	☐	☐
Heating Oil (on-site consumption)	☐	☐	☐	☒	☐
Heating Oil (for resale)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Biodiesel	☐	☐	☐	☐	☒
E-85	☐	☐	☐	☐	☐
E-15	☐	☐	☐	☐	☐
If Other, please specify here	Ukn	Ukn	Ukn		Ukn
Hazardous Substance	☐	☐	☐	☐	☐
CERCLA name					
CAS Number					

If you have any questions, please contact the Site Assessment and Support Unit at 860-424-3376 or by e-mail: (DEEP.30DayUST@ct.gov).

Part III: Underground Storage Tank Information

Complete for all tanks being permanently closed at the subject location.

Tank Identification Number	Tank No.: 6	Tank No.:	Tank No.:	Tank No.:	Tank No.:
1. **Estimated Date Tank will be Closed** (month/day/year)	9/20/21				
2. **Estimated Total Capacity** (gallons)	4000				
3a. **Will a pre- tank removal assessment be undertaken (or was it already undertaken)?**	☒ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
3b. **If yes, was a release discovered and reported?**	☐ yes ☒ no	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
4. **Is this a piping only removal?**	☒ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no	☐ yes ☐ no
5. **Substance Currently Stored (or last stored)** *check one per compartment/tank*					
Gasoline	☐	☐	☐	☐	☐
Diesel	☐	☐	☐	☐	☐
Kerosene (for resale)	☐	☐	☐	☐	☐
Kerosene (on-site consumption)	☐	☐	☐	☐	☐
Heating Oil (on-site consumption)	☐	☐	☐	☐	☐
Heating Oil (for resale)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Biodiesel	☐	☐	☐	☐	☐
E-85	☐	☐	☐	☐	☐
E-15	☐	☐	☐	☐	☐
If Other, please specify here	Ukn				
Hazardous Substance	☐	☐	☐	☐	☐
CERCLA name					
CAS Number					

If you have any questions, please contact the Site Assessment and Support Unit at 860-424-3376 or by e-mail: (DEEP.30DayUST@ct.gov).

TOWN OF VERNON CONNECTICUT
Office OF The FIRE MARSHAL
55 West Main Street
T: (860) 870-3652 F: (860) 870-3589

NOTICE OF INTENT to TEMPORARILY or PERMANENTLY CLOSE IN PLACE or REMOVE **ANY** UNDERGROUND FLAMMABLE or COMBUSTIBLE LIQUIDS STORAGE TANK on ALL PROPERTIES **EXCEPT** SINGLE or TWO-FAMILY RESIDENTIAL PROPERTY

Form:055 Rev: 2/16

INSTRUCTIONS to the Property Owner:

The 2015 Connecticut Fire Prevention Code (the Code) requires that you, AS THE PROPERTY OWNER, notify this Department of your intent to temporarily or permanently close in place or remove any flammable or combustible liquid underground storage tank on any property OTHER THAN SINGLE OR TWO-FAMILY RESIDENTIAL PROPERTY. For such work within the Town of Vernon the filing of this form with this Department **AT LEAST ONE WEEK PRIOR TO THE START OF SUCH WORK** is required. It is also required that you provide a ***minimum of 72 hours' notice prior to the actual removal of the tank from its grave*** by calling 860-870-3126 and leaving a message. Additionally, a Building Dept. permit for such work is required. A Fire Marshal inspection may be conducted during the course of the work, at our discretion. Specific approval by this Department is required before any tank may be abandoned in place. This form must be completed in its entirety and you must provide copies of all documentation related to this work, including photos that might be taken. ***Failing this shall cause you to be in violation of the Code.***

IN THE EVENT OF AN ACCIDENT, FIRE, EXPLOSION AND/OR SPILL: you must notify the fire department immediately by calling 911. The fire department shall notify this department and an investigation shall be conducted. A result of that investigation may be that you are held legally responsible and charges may be filed at Superior Court at the discretion of the Fire Marshal. **Do not notify** the fire department if contamination is found at the excavation site. **Do notify** the Connecticut Department of Energy and Environmental Protection, Oil and Chemical Spill Section at 860-566-3338. DEEP shall instruct you as to how you must proceed in that event. DEEP shall notify this Department and an investigation may be conducted as referenced above. **SEE STATE OF CONNECTICUT CONTRACTOR LICENSING REQUIREMENTS, BELOW.**

Property Address: 98 East Main Street, Vernon, CT	Legal Owner(s) of Property; Name(s): Town of Vernon
Occupancy Type: Vacant Building	Address: 14 Park Place, 3rd Floor
Size (Capacity) of Tank to be Temporarily Closed/Removed/Abandoned in Place: 6 USTS of Unknown Size	Telephone(s): Home: Work: 860-870-3637 (Shaun Gately)

Methodology: (Use the back side of this form if additional space is necessary.)

FOR ALL METHODS, explain the **metering system** and **method** you will use to render the tank atmosphere safe for work and transport:

☒ COMPLETE REMOVAL: If Tank is to be removed, explain destination (exact physical location, i.e. company name and address) of tank following removal:
Six inactive underground storage tanks (USTs) are located on the north side of the Daniels Mills building. Three of the six USTs will be removed and the remaining three will be abandoned in place. The graves for the 3 removed USTs will be filled using flowable fill in order to avoid undermining the structural integrity of the building and the adjacent roadway. The three removed USTs will be transferred to Cisco, LLCs facility at 525 Ella Grasso Blvd, New Haven, CT, dismantled and disposed of as scrap metal.

☒ ABANDONMENT IN PLACE ; this requires specific Fire Marshal approval and the reason for this necessity and the method to be utilized must be explained:
Due to the limited space between the Site building and East Main Street and their size, we anticipate the 3 eastern most USTs will be abandoned in place using flowable fill in order to avoid undermining the structural integrity of the building and the adjacent roadway.

Following this removal/abandonment, will any underground flammable or combustible liquids storage tank(s) remain upon the premises? ☐ NO ☒ YES: Please Explain below:
Assuming analytical results of soil samples collected beneath the USTs do not indicate a release, the three emptied and cleaned USTs will be abandoned in-place and filled with flowable fill and the UST graves from the three removed USTs will also be filled with flowable fill.

Exact Location of Tank to be Removed/Abandoned (include sketch on back, if appropriate). Be specific:
The 6 USTs are reportedly located within a concrete vault on the north side of the former Daniel's Mill building. Due to the size of the 3 eastern most USTs and their proximity to East Main Street and the northern foundation wall of the building, it is not feasible to remove these three USTs.

STATE OF CONNECTICUT LICENSING REQUIREMENTS

Single and two-family residential buildings are not regulated by this department and are, therefore, exempt from the requirements contained herein. However, licensing requirements for work in those same buildings are regulated by the CT Dept. of Consumer Protection. At a minimum, use of registered Home Improvement Contractors at residential buildings with three or four dwelling units is required for the dismantling of the piping system. Use of licensed Heating and Plumbing Contractors is required at all other occupancies and are acceptable for all work at all occupancies, including the three and four-family occupancies in place of the Home Improvement Contractors.

Contractor: Name: Cisco LLC	Contractor: Name
Address: 525 Ella Grasso Blvd New Haven CT 06519	Address:
Phone: 203-752-2558 License No.: HIC.0627108	Phone: License No.:
Scope of Work to be Performed: Abandonment of Tank unknown	Scope of Work to be Performed:
Contractor's Signature: Date: 10-7-21	Contractor's Signature: Date:

OWNER(S) RESPONSIBILITIES

I understand that, *as the owner of this property*, I have a legal obligation to:

(1) ensure that this underground storage tank removal be done in strict accordance with the regulations of the State of Connecticut; the hiring of a licensed contractor shall meet that obligation; and

(2) file this form at least one week in advance of this work; failure to provide 72 hours' notice prior to actual removal of the tank from its grave is a violation of the Code as determined by the Fire Marshal. The regulations are available at the Department of Town Fire Marshal.

Printed Name: Shaun Gately	Signature (Required):	Date: 10-7-21

APPENDIX D
DISPOSAL DOCUMENTATION

2922934

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address

Town of Vernon
14 Park Place
Vernon, CT 06066

Generator's Phone: 860-870-3670

Generator's Site Address (if different than mailing address)

Daniels Mills
98 East Main Street
Vernon, CT 06066

6. Transporter 1 Company Name: Cisco LLC — U.S. EPA ID Number: CTR000513267

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Tradebe Environmental Services LLC
50 Cross Street
Bridgeport, CT 06610 USA

Facility's Phone: 203-334-1666

U.S. EPA ID Number: CTD002593677

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Connecticut non regulated waste liquid, none, none, none	001	TT	7500	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

water from Tank Cleaning
CR02
Tradebe Profile Number 1000081196
Cisco Project # 212271
e-mail: Benjamin Rach <Benjamin.Rach@gza.com>

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Shawn Gatto — Signature — Month: 10 Day: 4 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ben Samuels — Signature — Month: 10 Day: 4 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tanya Davis — Signature — Month: 10 Day: 4 Year: 21

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

2917672

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		203-915-3823	WM212271.002

GENERATOR

5. Generator's Name and Mailing Address

Town of Vernon
14 Park Place
Vernon, CT 06066

Generator's Phone: 860-870-3570

Generator's Site Address (if different than mailing address)

Daniels Mills
98 East Main Street
Vernon, CT 06066

6. Transporter 1 Company Name: Cisco LLC — U.S. EPA ID Number: CTR000513267

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Tradebe Environmental Services LLC
50 Cross Street
Bridgeport, CT 06610 USA

U.S. EPA ID Number: CTD002593877

Facility's Phone: 203-334-1666

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Connecticut non regulated waste liquid, none, none, none	001	TT	350	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

water from Tank Cleaning
CR02
e-mail: Benjamin Rach <Benjamin.Rach@gza.com>

Tradebe Profile Number 1000081196
Cisco Project # 212271

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Shawn Gately — Signature — Month: 10 — Day: 4 — Year: 2021

INT'L

15. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Minicucci — Signature — Month: 10 — Day: 4 — Year: 2021

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tamica Davis — Signature — Month: 10 — Day: 4 — Year: 21

#2917675

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		203-915-2883	WM212271-005

GENERATOR

5. Generator's Name and Mailing Address
Town of Vernon
14 Park Place
Vernon, CT 06066
Generator's Phone: 860-870-3670

Generator's Site Address (if different than mailing address)
Daniels Mills
96 East Main Street
Vernon, CT 06066

6. Transporter 1 Company Name: Cisco LLC — U.S. EPA ID Number: CTR000513267

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Tradebe Environmental Services LLC
50 Cross Street
Bridgeport, CT 06610 USA
U.S. EPA ID Number: CTD002593677
Facility's Phone: 203-334-1666

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Connecticut non regulated waste liquid, none, none, none	001	TT	5000	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
water from Tank Cleaning
CR02
e-mail: Benjamin Rach <Benjamin.Rach@gza.com>
Tradebe Profile Number 1000081196
Cisco Project # 212271

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Shawn Gatley — Signature — Month: 10 Day: 5 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ben Daniels — Signature — Month: 10 Day: 5 Year: 21

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tamia Davis — Signature — Month: 10 Day: 7 Year: 21

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

2928128

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Town of Vernon
14 Park Place
Vernon, CT 06066

Generator's Phone: 860-870-3570

Generator's Site Address (if different than mailing address)

Daniels Mills
98 East Main Street
Vernon, CT 06066

6. Transporter 1 Company Name

Cisco LLC

U.S. EPA ID Number

CTR000513267

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Tradebe Environmental Services LLC
50 Cross Street
Bridgeport, CT 06610 USA

U.S. EPA ID Number

CTD002593877

Facility's Phone: 203-334-1665

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Connecticut non regulated waste liquid, none, none, none	001	TT	1500	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

water from Tank Cleaning
CR02
e-mail: Benjamin Rach <Benjamin.Rach@gza.com>

Tradebe Profile Number 1000081196
Cisco Project # 212271

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Shaun Cretella

Signature

Month: 10 Day: 5 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron Samuels

Signature

Month: 10 Day: 6 Year: 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: TAMICA DAVIS

Signature

Month: 10 Day: 8 Year: 21

WEIGHMASTER CERTIFICATE
TRUCK SCALE

Sims Metal

SIMS METAL

Ticket #: TMVPIU

Purchased From: 106394
FEIGENBAUM & NAIR
605 SOUTH STREET
PO BOX 302
NEW BRITAIN, CT 06051
ID # CISCO 16

SHIP DATE: 10/27/21

CFC CONTRACT ON FILE

DL/ID # 106394 (SIMS)

ENE - New Haven, CT
808 Washington Ave
New Haven, CT 06519

SHPMNT# COMMODITY	GROSS	TARE	NET	ADJ REASON	PD WT
TMVPIU #1 HMS Unprepared	46720b	37640b	9080	0	9080

tanks in soil yard

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS	9080	0	9080

GRS Date 10/27/21	GROSS TONS
GRS Time 09:58	4.0536
TRE Date 10/27/21	
TRE Time 10:05	

WEIGHMASTER SIGNATURE _____
(Karen H.)

a=SCALE 1 b=SCALE 2 c=SCALE 3 d=SCALE 4 m=MANUAL WEIGHT

File Copy

Inspected by: Mike A.

In accordance with the Clean Air Act and other applicable laws, seller must sign the Scrap Acceptance Agreement form provided at the scale at least one time every 2 years, which applies to any recyclables in the transaction which may contain or have contained refrigerants or other potential Hazardous Materials.

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury that any vehicle sold has been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless for damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Material as defined in the Scrap Acceptance Agreement or otherwise by any federal or state law and that for payment hereby received, I sell and convey title to Sims Metal Management.

CFC VERIFICATION: In partial consideration for Buyer's payment for Commodities, Customer hereby certifies and warrants that all refrigerants (including without limitation chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), or non-exempt refrigerant substitutes (and other non-CFC replacement refrigerants), and all other Class I and II substances, as defined in § 608 of the federal Clean Air Act, as amended, and in 40 Code of Federal Regulations Part 82):

☐ that had not leaked previously, have been properly removed and recovered from those appliances or shipments of appliances (including without limitation motor vehicle air conditioners) delivered to Buyer under this Weighmaster Certificate (Shipment), by the following person:

Name: _____

Address: _____

Date of Removal: _____

or

☐ had leaked previously from this Shipment.
☐ This Shipment contained no Commodities ever containing refrigerants.
☐ Customer signed Buyer's Scrap Acceptance Agreement in the last two years. Presume checked if nothing checked.

CUSTOMER SIGNATURE X

APPENDIX E
UST REMOVAL PHOTOGRAPHIC LOG

GZA GeoEnvironmental, Inc.	PHOTOGRAPHIC LOG	
Client Name: Town of Vernon	**Site Location:** 98 East Main Street, Vernon, Connecticut	**Project No.:** 05.0045441.08

Photo No.: 1	**Date:** 10/5/2021
Direction Photo Taken: Looking East **Photographer**: Benjamin Graham	
Description: Tank grave from UST No. 3.	

Photo No.: 2	**Date:** 10/5/2021
Direction Photo Taken: Looking Northwest **Photographer**: Benjamin Graham	
Description: Tank graves from UST Nos. 1 and 2.	

GZA GeoEnvironmental, Inc.		PHOTOGRAPHIC LOG
Client Name: Town of Vernon	**Site Location:** 98 East Main Street, Vernon, Connecticut	**Project No.:** 05.0045441.08

Photo No.: 3	**Date:** 10/5/2021
Direction Photo Taken: Looking South **Photographer**: Benjamin Graham	
Description: Loading UST Nos. 2 and 3 for disposal	

Photo No.: 4	**Date:** 10/6/2021
Direction Photo Taken: Looking Southeast **Photographer**: Benjamin Graham	
Description: Using vacuum truck to remove liquids from UST No. 6	

GZA GeoEnvironmental, Inc.	PHOTOGRAPHIC LOG	
Client Name: Town of Vernon	**Site Location:** 98 East Main Street, Vernon, Connecticut	**Project No.:** 05.0045441.08

Photo No.: 5	**Date:** 10/6/2021

Direction Photo Taken:
Looking Southeast
Photographer:
Benjamin Graham

Description:

Cleaning out UST No. 4/5

Photo No.: 6	**Date:** 10/7/2021

Direction Photo Taken:
Looking East
Photographer:
Benjamin Graham

Description:

Preparing to clean out UST No. 7.

GZA GeoEnvironmental, Inc.	PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Town of Vernon	98 East Main Street, Vernon, Connecticut	05.0045441.08

Photo No.: 7	Date: 10/18/2021

Direction Photo Taken:
Looking Northwest
Photographer:
Benjamin Rach

Description:

Backfilling the tank grave of UST Nos. 1, 2 and 3 with flowable fill.

Photo No.: 8	Date: 10/18/2021

Direction Photo Taken:
Looking Southeast
Photographer:
Benjamin Rach

Description:

Backfilling UST No. 6 with flowable fill.

APPENDIX F
SOIL SAMPLING DATA REPORT

Monday, October 11, 2021

Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Project ID: **DANIELS MILL 45441.08**
SDG ID: **GCJ51462**
Sample ID#s: CJ51462 - CJ51463

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 11, 2021

SDG I.D.: GCJ51462

Project ID: DANIELS MILL 45441.08

Client Id	Lab Id	Matrix
T7-N	CJ51462	SOIL
T7-S	CJ51463	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 11, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/07/21	9:50
Location Code:	GZACTENG	Received by:	CP	10/07/21	11:38
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ51462
Phoenix ID: CJ51462

Project ID: DANIELS MILL 45441.08
Client ID: T7-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		10/07/21	Q	SW846-%Solid
Field Extraction	Completed				10/07/21		SW5035A
Extraction of ETPH	Completed				10/07/21	R/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/07/21	R/L	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	53	mg/Kg	1	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	76		%	1	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	93		%	1	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.55	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ51462

Client ID: T7-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.3	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	33	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ51462

Client ID: T7-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	5.5	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	93		%	1	10/07/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Acenaphthene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Anthracene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Chrysene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Fluoranthene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Fluorene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Naphthalene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Phenanthrene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
Pyrene	ND	250	ug/Kg	1	10/08/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	79		%	1	10/08/21	WB	30 - 130 %
% Nitrobenzene-d5	84		%	1	10/08/21	WB	30 - 130 %
% Terphenyl-d14	92		%	1	10/08/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ51462

Client ID: T7-N

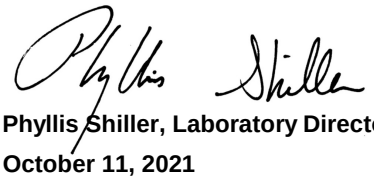
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 11, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 11, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/07/21	10:00
Location Code:	GZACTENG	Received by:	CP	10/07/21	11:38
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ51462
Phoenix ID: CJ51463

Project ID: DANIELS MILL 45441.08
Client ID: T7-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96		%		10/07/21	Q	SW846-%Solid
Field Extraction	Completed				10/07/21		SW5035A
Extraction of ETPH	Completed				10/07/21	R/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/07/21	R/L	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	250	mg/Kg	5	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	5	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	55		%	5	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	57		%	5	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.53	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C

Ver 1

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ51463

Client ID: T7-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	26	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	260	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.2	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	93		%	1	10/07/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/08/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	86		%	1	10/08/21	WB	30 - 130 %
% Nitrobenzene-d5	94		%	1	10/08/21	WB	30 - 130 %
% Terphenyl-d14	87		%	1	10/08/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ51463

Client ID: T7-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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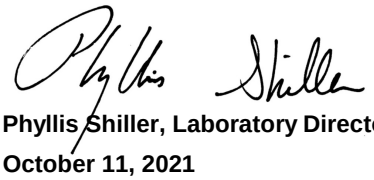

Phyllis Shiller, Laboratory Director

October 11, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

October 11, 2021

QA/QC Data

SDG I.D.: GCJ51462

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 595329 (mg/Kg), QC Sample No: CJ50526 (CJ51462, CJ51463)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	79	83	4.9	90	82	9.3	60 - 120	30
% COD (surr)	71	%	90	72	22.2	95	95	0.0	50 - 150	30
% Terphenyl (surr)	92	%	93	98	5.2	85	81	4.8	50 - 150	30
Comment:										
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.										
QA/QC Batch 595328 (ug/kg), QC Sample No: CJ50582 (CJ51462, CJ51463)										
Polynuclear Aromatic HC - Soil										
2-Methylnaphthalene	ND	230	76	76	0.0	71	75	5.5	40 - 140	30
Acenaphthene	ND	230	83	85	2.4	75	80	6.5	30 - 130	30
Acenaphthylene	ND	230	84	85	1.2	75	81	7.7	40 - 140	30
Anthracene	ND	230	86	85	1.2	77	82	6.3	40 - 140	30
Benz(a)anthracene	ND	230	71	73	2.8	63	67	6.2	40 - 140	30
Benzo(a)pyrene	ND	230	76	77	1.3	69	75	8.3	40 - 140	30
Benzo(b)fluoranthene	ND	230	79	78	1.3	73	77	5.3	40 - 140	30
Benzo(ghi)perylene	ND	230	73	77	5.3	68	74	8.5	40 - 140	30
Benzo(k)fluoranthene	ND	230	82	77	6.3	70	80	13.3	40 - 140	30
Chrysene	ND	230	73	75	2.7	65	70	7.4	40 - 140	30
Dibenz(a,h)anthracene	ND	230	75	77	2.6	68	74	8.5	40 - 140	30
Fluoranthene	ND	230	76	80	5.1	72	76	5.4	40 - 140	30
Fluorene	ND	230	83	85	2.4	76	81	6.4	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	75	77	2.6	69	76	9.7	40 - 140	30
Naphthalene	ND	230	75	74	1.3	71	74	4.1	40 - 140	30
Phenanthrene	ND	230	83	83	0.0	75	81	7.7	40 - 140	30
Pyrene	ND	230	73	78	6.6	70	73	4.2	30 - 130	30
% 2-Fluorobiphenyl	81	%	81	81	0.0	73	79	7.9	30 - 130	30
% Nitrobenzene-d5	85	%	94	88	6.6	82	84	2.4	30 - 130	30
% Terphenyl-d14	85	%	83	88	5.8	79	82	3.7	30 - 130	30
Comment:										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 595460 (ug/kg), QC Sample No: CJ51619 (CJ51462, CJ51463)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	102	106	3.8	97	95	2.1	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	99	101	2.0	98	96	2.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	92	97	5.3	84	84	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	95	101	6.1	93	91	2.2	70 - 130	30
1,1-Dichloroethane	ND	5.0	96	98	2.1	94	93	1.1	70 - 130	30
1,1-Dichloroethene	ND	5.0	92	92	0.0	91	91	0.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	103	104	1.0	100	97	3.0	70 - 130	30

QA/QC Data

SDG I.D.: GCJ51462

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,3-Trichlorobenzene	ND	5.0	105	109	3.7	66	58	12.9	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	87	93	6.7	83	82	1.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	102	108	5.7	66	60	9.5	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	102	104	1.9	86	82	4.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	106	115	8.1	96	92	4.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	98	104	5.9	93	91	2.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	99	104	4.9	80	74	7.8	70 - 130	30	
1,2-Dichloroethane	ND	5.0	94	97	3.1	89	87	2.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	98	101	3.0	95	94	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	102	104	1.9	90	85	5.7	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	98	102	4.0	79	75	5.2	70 - 130	30	
1,3-Dichloropropane	ND	5.0	95	98	3.1	90	88	2.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	100	103	3.0	79	74	6.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	104	105	1.0	99	97	2.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	103	105	1.9	90	87	3.4	70 - 130	30	
2-Hexanone	ND	25	95	101	6.1	81	78	3.8	70 - 130	30	
2-Isopropyltoluene	ND	5.0	105	106	0.9	90	85	5.7	70 - 130	30	
4-Chlorotoluene	ND	5.0	102	105	2.9	87	83	4.7	70 - 130	30	
4-Methyl-2-pentanone	ND	25	97	102	5.0	89	90	1.1	70 - 130	30	
Acetone	ND	10	80	75	6.5	73	74	1.4	70 - 130	30	
Acrylonitrile	ND	5.0	87	93	6.7	85	82	3.6	70 - 130	30	
Benzene	ND	1.0	98	101	3.0	96	94	2.1	70 - 130	30	
Bromobenzene	ND	5.0	102	106	3.8	90	85	5.7	70 - 130	30	
Bromochloromethane	ND	5.0	95	100	5.1	93	93	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	99	104	4.9	95	93	2.1	70 - 130	30	
Bromoform	ND	5.0	100	106	5.8	92	90	2.2	70 - 130	30	
Bromomethane	ND	5.0	96	93	3.2	88	87	1.1	70 - 130	30	
Carbon Disulfide	ND	5.0	90	87	3.4	83	80	3.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	103	103	0.0	96	97	1.0	70 - 130	30	
Chlorobenzene	ND	5.0	98	101	3.0	90	86	4.5	70 - 130	30	
Chloroethane	ND	5.0	99	97	2.0	98	96	2.1	70 - 130	30	
Chloroform	ND	5.0	92	95	3.2	90	89	1.1	70 - 130	30	
Chloromethane	ND	5.0	92	91	1.1	87	88	1.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	98	102	4.0	96	94	2.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	106	2.9	94	92	2.2	70 - 130	30	
Dibromochloromethane	ND	3.0	102	107	4.8	95	94	1.1	70 - 130	30	
Dibromomethane	ND	5.0	99	103	4.0	93	91	2.2	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	106	107	0.9	102	96	6.1	70 - 130	30	
Ethylbenzene	ND	1.0	101	103	2.0	94	90	4.3	70 - 130	30	
Hexachlorobutadiene	ND	5.0	108	108	0.0	75	65	14.3	70 - 130	30	m
Isopropylbenzene	ND	1.0	106	108	1.9	97	93	4.2	70 - 130	30	
m&p-Xylene	ND	2.0	101	103	2.0	94	90	4.3	70 - 130	30	
Methyl ethyl ketone	ND	5.0	89	91	2.2	79	79	0.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	113	122	7.7	111	104	6.5	70 - 130	30	
Methylene chloride	ND	5.0	60	65	8.0	62	60	3.3	70 - 130	30	l,m
Naphthalene	ND	5.0	105	110	4.7	77	70	9.5	70 - 130	30	
n-Butylbenzene	ND	1.0	111	111	0.0	88	79	10.8	70 - 130	30	
n-Propylbenzene	ND	1.0	105	107	1.9	95	89	6.5	70 - 130	30	
o-Xylene	ND	2.0	102	105	2.9	95	90	5.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	108	109	0.9	92	85	7.9	70 - 130	30	
sec-Butylbenzene	ND	1.0	105	106	0.9	91	85	6.8	70 - 130	30	
Styrene	ND	5.0	81	84	3.6	72	68	5.7	70 - 130	30	m
tert-Butylbenzene	ND	1.0	106	107	0.9	95	90	5.4	70 - 130	30	

QA/QC Data

SDG I.D.: GCJ51462

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Tetrachloroethene	ND	5.0	107	108	0.9	103	98	5.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	89	94	5.5	87	87	0.0	70 - 130	30
Toluene	ND	1.0	100	103	3.0	97	93	4.2	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	94	94	0.0	92	88	4.4	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	102	107	4.8	92	89	3.3	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	102	108	5.7	85	83	2.4	70 - 130	30
Trichloroethene	ND	5.0	104	107	2.8	102	98	4.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	100	99	1.0	99	96	3.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	91	88	3.4	90	86	4.5	70 - 130	30
Vinyl chloride	ND	5.0	96	97	1.0	96	93	3.2	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	101	102	1.0	102	102	0.0	70 - 130	30
% Bromofluorobenzene	98	%	99	99	0.0	98	98	0.0	70 - 130	30
% Dibromofluoromethane	101	%	99	98	1.0	101	100	1.0	70 - 130	30
% Toluene-d8	92	%	100	100	0.0	100	100	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 11, 2021

Monday, October 11, 2021

Criteria: CT: GAM, RC

State: CT

Sample Criteria Exceedances Report

GCJ51462 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL 45441.08 ***Project Number:***

Laboratory Sample ID(s): CJ51462, CJ51463 ***Sampling Date(s):*** 10/7/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8260, 8270, ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☑ Yes ☐ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____ **Position:** Assistant Lab Director

Printed Name: Greg Lawrence **Date:** Monday, October 11, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 11, 2021

SDG I.D.: GCJ51462

SDG Comments

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-FID1 10/08/21-1 Jeff Bucko, Chemist 10/08/21

CJ51463 (5X)

The initial calibration (ETPH916I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O08A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-FID11 10/07/21-1 Jeff Bucko, Chemist 10/07/21

CJ51462 (1X)

The initial calibration (ETPH621I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O07A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 595329 (CJ50526)

CJ51462, CJ51463

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM29 10/07/21-2 Matt Richard, Chemist 10/07/21

CJ51462 (1X), CJ51463 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM29/29_BN_0921):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM29/1007_11-29_BN_0921):

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RCP Certification Report

October 11, 2021

SDG I.D.: GCJ51462

SVOA Narration

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 595328 (CJ50582)

CJ51462, CJ51463

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 595460 (Samples: CJ51462, CJ51463): -----

The QC recoveries for one analyte are below the lower range. A low bias is possilbe. (Methylene chloride)

Instrument:

CHEM14 10/07/21-2 Jane Li, Chemist 10/07/21

CJ51462 (1X), CJ51463 (1X)

Initial Calibration Evaluation (CHEM14/VT100621):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 22% (20%), Acetone 26% (20%), Methylene chloride 34% (20%), Styrene 30% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.055 (0.1)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM14/1007_30-VT100621):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Methylene chloride 32%L (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.044 (0.05)

QC (Batch Specific):

Batch 595460 (CJ51619) CHEM14 10/7/2021-2

CJ51462(1X), CJ51463(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: Methylene chloride(60%)
All LCSD recoveries were within 70 - 130 with the following exceptions: Methylene chloride(65%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 11, 2021

SDG I.D.: GCJ51462

VOA Narration

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 5.8C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [ ] No [X]
Coolant: IPK [ ] ICE [X] No [ ]

CHAIN OF CUSTODY RECORD

Temp 5.8 °C Pg 1 of 1

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: benjamin.rush@gza.com

Customer: GZA
Address: 95 Glastonbury Blvd Glastonbury CT 06033

Project: Daniels Mill / 95441.04
Report to: Ben Rush
Invoice to: GZA
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/7/21

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	ETPH	PAH	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [1] methanol [7] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial	GL Amber 1000ml [ ] As is [ ] HCL	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
51462	T7-N	S	10.7.21	0950	X	X	X								3	2	1			
51463	T7-S	S	10.7.21	1000	X	X	X								3	2	1			

Relinquished by:	Accepted by:	Date:	Time:
Ben Rush	[signature]	10/7/21	11:38

Comments, Special Requirements or Regulations:
- Results by Friday 10/8
- Hold extra volume for potential SPLP analysis

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] Standard
[ ] Other
* SURCHARGE APPLIES

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[ ] RCP Cert
[ ] GW Protection
[ ] SW Protection
[X] GA Mobility
[ ] GB Mobility
[X] Residential DEC
[ ] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[ ] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[X] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

PEL-126 REV. 06/20

PHOENIX
Environmental Laboratories, Inc.

Friday, October 08, 2021

Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Project ID: **DANIELS MILL 45441.08**
SDG ID: **GCJ49289**
Sample ID#s: CJ49289 - CJ49294

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 08, 2021

SDG I.D.: GCJ49289

Project ID: DANIELS MILL 45441.08

Client Id	Lab Id	Matrix
T1-B	CJ49289	SOIL
T1-W	CJ49290	SOIL
T2-B	CJ49291	SOIL
T2-W	CJ49292	SOIL
T3-B	CJ49293	SOIL
T3-W	CJ49294	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/05/21	10:50
Location Code:	GZACTENG	Received by:	CP	10/05/21	14:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49289
Phoenix ID: CJ49289

Project ID: DANIELS MILL 45441.08
Client ID: T1-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		10/05/21	JS	SW846-%Solid
Field Extraction	Completed				10/05/21		SW5035A
Extraction of ETPH	Completed				10/06/21	B/L	SW3545A
Soil Extraction for SVOA PAH	Completed				10/06/21	B/K	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	51	mg/Kg	1	10/07/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/07/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	82		%	1	10/07/21	JRB	50 - 150 %
% Terphenyl (surr)	81		%	1	10/07/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.54	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49289

Client ID: T1-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
2-Chlorotoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
4-Chlorotoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/06/21	JLI	SW8260C
Acrylonitrile	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Benzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromochloromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromodichloromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromoform	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromomethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon Disulfide	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon tetrachloride	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroform	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chloromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromochloromethane	ND	3.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromomethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Ethylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Isopropylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
m&p-Xylene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Naphthalene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
n-Butylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
n-Propylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
o-Xylene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
sec-Butylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Styrene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
tert-Butylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrachloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Toluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Trichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Vinyl chloride	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	10/06/21	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	10/06/21	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	10/06/21	JLI	70 - 130 %
% Toluene-d8	96		%	1	10/06/21	JLI	70 - 130 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	87		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	120		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	104		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49289
Client ID: T1-B

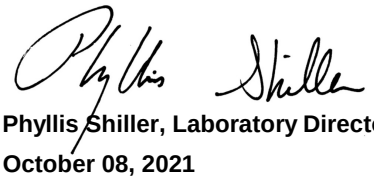
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/05/21	10:55
Location Code:	GZACTENG	Received by:	CP	10/05/21	14:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49289
Phoenix ID: CJ49290

Project ID: DANIELS MILL 45441.08
Client ID: T1-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		10/05/21	JS	SW846-%Solid
Field Extraction	Completed				10/05/21		SW5035A
Extraction of ETPH	Completed				10/06/21	B/L	SW3545A
Soil Extraction for SVOA PAH	Completed				10/06/21	B/K	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	52	mg/Kg	1	10/07/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/07/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	88		%	1	10/07/21	JRB	50 - 150 %
% Terphenyl (surr)	84		%	1	10/07/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.52	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49290

Client ID: T1-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
2-Chlorotoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
2-Hexanone	ND	26	ug/Kg	1	10/06/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
4-Chlorotoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	ug/Kg	1	10/06/21	JLI	SW8260C
Acetone	ND	260	ug/Kg	1	10/06/21	JLI	SW8260C
Acrylonitrile	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Benzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromochloromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromodichloromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromoform	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromomethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon Disulfide	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon tetrachloride	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroform	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chloromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromochloromethane	ND	3.1	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromomethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Ethylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Isopropylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
m&p-Xylene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Naphthalene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
n-Butylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
n-Propylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
o-Xylene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
sec-Butylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Styrene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
tert-Butylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrachloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Toluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Trichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Vinyl chloride	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	10/06/21	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	10/06/21	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	10/06/21	JLI	70 - 130 %
% Toluene-d8	97		%	1	10/06/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	113		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	98		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49290
Client ID: T1-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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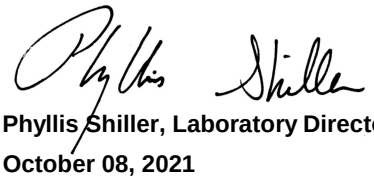

Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/05/21	10:10
Location Code:	GZACTENG	Received by:	CP	10/05/21	14:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49289
Phoenix ID: CJ49291

Project ID: DANIELS MILL 45441.08
Client ID: T2-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		10/05/21	JS	SW846-%Solid
Field Extraction	Completed				10/05/21		SW5035A
Extraction of ETPH	Completed				10/06/21	B/L	SW3545A
Soil Extraction for SVOA PAH	Completed				10/06/21	B/K	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	52	mg/Kg	1	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	77		%	1	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	93		%	1	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.53	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49291

Client ID: T2-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
2-Chlorotoluene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
4-Chlorotoluene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/06/21	JLI	SW8260C
Acrylonitrile	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Benzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Bromobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Bromochloromethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Bromodichloromethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Bromoform	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Bromomethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon Disulfide	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon tetrachloride	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Chlorobenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroform	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Chloromethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromochloromethane	ND	3.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromomethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Ethylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Isopropylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
m&p-Xylene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Naphthalene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
n-Butylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
n-Propylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
o-Xylene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
sec-Butylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Styrene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
tert-Butylbenzene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrachloroethene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Toluene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Trichloroethene	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Vinyl chloride	ND	5.3	ug/Kg	1	10/06/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	10/06/21	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	10/06/21	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	10/06/21	JLI	70 - 130 %
% Toluene-d8	96		%	1	10/06/21	JLI	70 - 130 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	83		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	115		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	102		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49291
Client ID: T2-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
October 08, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/05/21	10:15
Location Code:	GZACTENG	Received by:	CP	10/05/21	14:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49289
Phoenix ID: CJ49292

Project ID: DANIELS MILL 45441.08
Client ID: T2-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		10/05/21	JS	SW846-%Solid
Field Extraction	Completed				10/05/21		SW5035A
Extraction of ETPH	Completed				10/06/21	B/L	SW3545A
Soil Extraction for SVOA PAH	Completed				10/06/21	B/K	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	52	mg/Kg	1	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	77		%	1	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	84		%	1	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.55	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49292

Client ID: T2-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
2-Chlorotoluene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
4-Chlorotoluene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/06/21	JLI	SW8260C
Acrylonitrile	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Benzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Bromobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Bromochloromethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Bromodichloromethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Bromoform	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Bromomethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon Disulfide	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon tetrachloride	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Chlorobenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroform	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Chloromethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromochloromethane	ND	3.3	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromomethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Ethylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Isopropylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
m&p-Xylene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	33	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Naphthalene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
n-Butylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
n-Propylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
o-Xylene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
sec-Butylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Styrene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
tert-Butylbenzene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrachloroethene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Toluene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49292
Client ID: T2-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Trichloroethene	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Vinyl chloride	ND	5.5	ug/Kg	1	10/06/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	10/06/21	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	10/06/21	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	10/06/21	JLI	70 - 130 %
% Toluene-d8	96		%	1	10/06/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	82		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	122		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	107		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49292
Client ID: T2-W

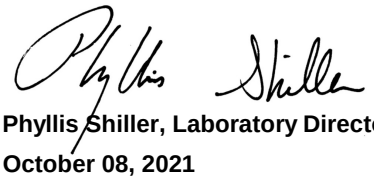
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/05/21	9:15
Location Code:	GZACTENG	Received by:	CP	10/05/21	14:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49289
Phoenix ID: CJ49293

Project ID: DANIELS MILL 45441.08
Client ID: T3-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		10/05/21	JS	SW846-%Solid
Field Extraction	Completed				10/05/21		SW5035A
Extraction of ETPH	Completed				10/06/21	B/L	SW3545A
Soil Extraction for SVOA PAH	Completed				10/06/21	B/K	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	53	mg/Kg	1	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	84		%	1	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	92		%	1	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.54	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49293

Client ID: T3-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
2-Chlorotoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
4-Chlorotoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/06/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/06/21	JLI	SW8260C
Acrylonitrile	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Benzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromochloromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromodichloromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromoform	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Bromomethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon Disulfide	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon tetrachloride	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chlorobenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroform	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Chloromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromochloromethane	ND	3.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromomethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Ethylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Isopropylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
m&p-Xylene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Naphthalene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
n-Butylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
n-Propylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
o-Xylene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
sec-Butylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Styrene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
tert-Butylbenzene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrachloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Toluene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49293
Client ID: T3-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Trichloroethene	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/06/21	JLI	SW8260C
Vinyl chloride	ND	5.4	ug/Kg	1	10/06/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	10/06/21	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	10/06/21	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	10/06/21	JLI	70 - 130 %
% Toluene-d8	97		%	1	10/06/21	JLI	70 - 130 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	250	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	83		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	117		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	102		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49293

Client ID: T3-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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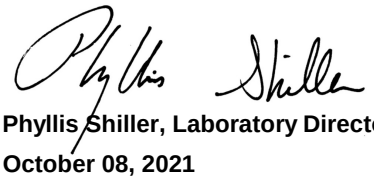


Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/05/21	9:20
Location Code:	GZACTENG	Received by:	CP	10/05/21	14:57
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ49289
Phoenix ID: CJ49294

Project ID: DANIELS MILL 45441.08
Client ID: T3-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		10/05/21	JS	SW846-%Solid
Field Extraction	Completed				10/05/21		SW5035A
Extraction of ETPH	Completed				10/06/21	B/L	SW3545A
Soil Extraction for SVOA PAH	Completed				10/06/21	B/K	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	51	mg/Kg	1	10/07/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/07/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	110		%	1	10/07/21	JRB	50 - 150 %
% Terphenyl (surr)	105		%	1	10/07/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	1	10/06/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.52	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49294

Client ID: T3-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
2-Chlorotoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
2-Hexanone	ND	26	ug/Kg	1	10/06/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
4-Chlorotoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	ug/Kg	1	10/06/21	JLI	SW8260C
Acetone	ND	260	ug/Kg	1	10/06/21	JLI	SW8260C
Acrylonitrile	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Benzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromochloromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromodichloromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromoform	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Bromomethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon Disulfide	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Carbon tetrachloride	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chlorobenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chloroform	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Chloromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromochloromethane	ND	3.1	ug/Kg	1	10/06/21	JLI	SW8260C
Dibromomethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Ethylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Isopropylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
m&p-Xylene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	ug/Kg	1	10/06/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Naphthalene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
n-Butylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
n-Propylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
o-Xylene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
sec-Butylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Styrene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
tert-Butylbenzene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrachloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Toluene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49294
Client ID: T3-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Trichloroethene	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	10	ug/Kg	1	10/06/21	JLI	SW8260C
Vinyl chloride	ND	5.2	ug/Kg	1	10/06/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	10/06/21	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	10/06/21	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	10/06/21	JLI	70 - 130 %
% Toluene-d8	97		%	1	10/06/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	85		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	114		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	101		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL 45441.08 Phoenix I.D.: CJ49294
Client ID: T3-W

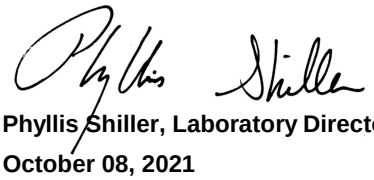
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

October 08, 2021

QA/QC Data

SDG I.D.: GCJ49289

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 594991 (mg/Kg), QC Sample No: CJ48764 (CJ49289, CJ49290, CJ49291, CJ49292, CJ49293, CJ49294)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	102	101	1.0	88	84	4.7	60 - 120	30
% COD (surr)	81	%	92	88	4.4	78	62	22.9	50 - 150	30
% Terphenyl (surr)	82	%	88	86	2.3	99	95	4.1	50 - 150	30
Comment:										
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.										
QA/QC Batch 594989 (ug/kg), QC Sample No: CJ48824 (CJ49289, CJ49290, CJ49291, CJ49292, CJ49293, CJ49294)										
Polynuclear Aromatic HC - Soil										
2-Methylnaphthalene	ND	230	74	78	5.3	71	68	4.3	40 - 140	30
Acenaphthene	ND	230	81	85	4.8	76	69	9.7	30 - 130	30
Acenaphthylene	ND	230	73	78	6.6	69	63	9.1	40 - 140	30
Anthracene	ND	230	85	87	2.3	80	71	11.9	40 - 140	30
Benz(a)anthracene	ND	230	85	86	1.2	77	68	12.4	40 - 140	30
Benzo(a)pyrene	ND	230	88	88	0.0	78	68	13.7	40 - 140	30
Benzo(b)fluoranthene	ND	230	89	91	2.2	82	72	13.0	40 - 140	30
Benzo(ghi)perylene	ND	230	81	81	0.0	73	62	16.3	40 - 140	30
Benzo(k)fluoranthene	ND	230	87	87	0.0	76	68	11.1	40 - 140	30
Chrysene	ND	230	89	93	4.4	83	75	10.1	40 - 140	30
Dibenz(a,h)anthracene	ND	230	85	85	0.0	78	67	15.2	40 - 140	30
Fluoranthene	ND	230	87	87	0.0	81	68	17.4	40 - 140	30
Fluorene	ND	230	79	84	6.1	77	69	11.0	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	86	87	1.2	75	63	17.4	40 - 140	30
Naphthalene	ND	230	73	74	1.4	63	64	1.6	40 - 140	30
Phenanthrene	ND	230	82	84	2.4	77	67	13.9	40 - 140	30
Pyrene	ND	230	86	87	1.2	83	72	14.2	30 - 130	30
% 2-Fluorobiphenyl	86	%	74	78	5.3	69	63	9.1	30 - 130	30
% Nitrobenzene-d5	111	%	101	106	4.8	84	90	6.9	30 - 130	30
% Terphenyl-d14	98	%	99	99	0.0	93	79	16.3	30 - 130	30
Comment:										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 595311 (ug/kg), QC Sample No: CJ49289 (CJ49289)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	107	107	0.0	99	97	2.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	106	2.9	93	92	1.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	100	100	0.0	93	88	5.5	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	100	98	2.0	93	91	2.2	70 - 130	30
1,1-Dichloroethane	ND	5.0	100	101	1.0	88	87	1.1	70 - 130	30
1,1-Dichloroethene	ND	5.0	107	109	1.9	98	100	2.0	70 - 130	30
1,1-Dichloropropene	ND	5.0	103	103	0.0	91	90	1.1	70 - 130	30

QA/QC Data

SDG I.D.: GCJ49289

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,3-Trichlorobenzene	ND	5.0	100	105	4.9	68	68	0.0	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	102	100	2.0	92	88	4.4	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	102	104	1.9	69	68	1.5	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	100	103	3.0	86	82	4.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	110	108	1.8	97	91	6.4	70 - 130	30	
1,2-Dibromoethane	ND	5.0	101	101	0.0	94	92	2.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	98	102	4.0	84	82	2.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	105	101	3.9	99	97	2.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	98	98	0.0	90	89	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	103	105	1.9	87	84	3.5	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	99	101	2.0	83	80	3.7	70 - 130	30	
1,3-Dichloropropane	ND	5.0	99	99	0.0	92	89	3.3	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	98	100	2.0	82	80	2.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	109	110	0.9	91	92	1.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	103	106	2.9	89	87	2.3	70 - 130	30	
2-Hexanone	ND	25	93	90	3.3	86	82	4.8	70 - 130	30	
2-Isopropyltoluene	ND	5.0	100	104	3.9	83	81	2.4	70 - 130	30	
4-Chlorotoluene	ND	5.0	102	105	2.9	86	84	2.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	101	98	3.0	95	93	2.1	70 - 130	30	
Acetone	ND	10	95	98	3.1	93	88	5.5	70 - 130	30	
Acrylonitrile	ND	5.0	96	96	0.0	84	81	3.6	70 - 130	30	
Benzene	ND	1.0	99	98	1.0	89	89	0.0	70 - 130	30	
Bromobenzene	ND	5.0	101	103	2.0	90	88	2.2	70 - 130	30	
Bromochloromethane	ND	5.0	100	100	0.0	92	90	2.2	70 - 130	30	
Bromodichloromethane	ND	5.0	106	105	0.9	97	95	2.1	70 - 130	30	
Bromoform	ND	5.0	110	110	0.0	98	98	0.0	70 - 130	30	
Bromomethane	ND	5.0	125	126	0.8	114	116	1.7	70 - 130	30	
Carbon Disulfide	ND	5.0	106	108	1.9	91	92	1.1	70 - 130	30	
Carbon tetrachloride	ND	5.0	106	109	2.8	93	94	1.1	70 - 130	30	
Chlorobenzene	ND	5.0	100	100	0.0	89	88	1.1	70 - 130	30	
Chloroethane	ND	5.0	120	121	0.8	108	109	0.9	70 - 130	30	
Chloroform	ND	5.0	100	101	1.0	89	90	1.1	70 - 130	30	
Chloromethane	ND	5.0	97	97	0.0	81	81	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	98	100	2.0	88	87	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	107	105	1.9	96	93	3.2	70 - 130	30	
Dibromochloromethane	ND	3.0	108	106	1.9	99	98	1.0	70 - 130	30	
Dibromomethane	ND	5.0	104	103	1.0	99	97	2.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	105	104	1.0	81	82	1.2	70 - 130	30	
Ethylbenzene	ND	1.0	102	103	1.0	90	89	1.1	70 - 130	30	
Hexachlorobutadiene	ND	5.0	100	108	7.7	57	54	5.4	70 - 130	30	m
Isopropylbenzene	ND	1.0	103	106	2.9	88	86	2.3	70 - 130	30	
m&p-Xylene	ND	2.0	102	102	0.0	90	88	2.2	70 - 130	30	
Methyl ethyl ketone	ND	5.0	87	85	2.3	76	73	4.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	103	103	0.0	101	100	1.0	70 - 130	30	
Methylene chloride	ND	5.0	92	93	1.1	89	88	1.1	70 - 130	30	
Naphthalene	ND	5.0	103	105	1.9	80	80	0.0	70 - 130	30	
n-Butylbenzene	ND	1.0	103	109	5.7	76	73	4.0	70 - 130	30	
n-Propylbenzene	ND	1.0	103	107	3.8	86	84	2.4	70 - 130	30	
o-Xylene	ND	2.0	102	101	1.0	89	88	1.1	70 - 130	30	
p-Isopropyltoluene	ND	1.0	104	108	3.8	82	78	5.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	102	107	4.8	81	78	3.8	70 - 130	30	
Styrene	ND	5.0	104	103	1.0	91	90	1.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	102	106	3.8	86	83	3.6	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Tetrachloroethene	ND	5.0	103	103	0.0	88	88	0.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	94	96	2.1	85	84	1.2	70 - 130	30	
Toluene	ND	1.0	102	102	0.0	91	90	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	105	108	2.8	99	98	1.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	110	109	0.9	99	99	0.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	115	115	0.0	98	94	4.2	70 - 130	30	
Trichloroethene	ND	5.0	99	100	1.0	91	90	1.1	70 - 130	30	
Trichlorofluoromethane	ND	5.0	116	119	2.6	107	109	1.9	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	99	104	4.9	91	92	1.1	70 - 130	30	
Vinyl chloride	ND	5.0	112	112	0.0	97	98	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%	99	102	3.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	99	0.0	99	99	0.0	70 - 130	30	
% Dibromofluoromethane	95	%	98	101	3.0	98	95	3.1	70 - 130	30	
% Toluene-d8	95	%	100	100	0.0	100	100	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 595034 (ug/kg), QC Sample No: CJ49294 (CJ49290, CJ49291, CJ49292, CJ49293, CJ49294)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	103	103	0.0	96	96	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	100	97	3.0	95	93	2.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	94	97	3.1	85	85	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	95	98	3.1	90	89	1.1	70 - 130	30	
1,1-Dichloroethane	ND	5.0	99	95	4.1	91	90	1.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	99	94	5.2	94	93	1.1	70 - 130	30	
1,1-Dichloropropene	ND	5.0	100	98	2.0	91	92	1.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	98	97	1.0	76	75	1.3	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	94	98	4.2	87	87	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	98	97	1.0	76	74	2.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	97	97	0.0	87	87	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	106	109	2.8	87	90	3.4	70 - 130	30	
1,2-Dibromoethane	ND	5.0	99	99	0.0	90	90	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	96	95	1.0	84	83	1.2	70 - 130	30	
1,2-Dichloroethane	ND	5.0	97	97	0.0	93	94	1.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	97	97	0.0	91	91	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	99	98	1.0	90	88	2.2	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	95	94	1.1	84	83	1.2	70 - 130	30	
1,3-Dichloropropane	ND	5.0	98	98	0.0	89	91	2.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	94	93	1.1	83	82	1.2	70 - 130	30	
2,2-Dichloropropane	ND	5.0	105	102	2.9	94	91	3.2	70 - 130	30	
2-Chlorotoluene	ND	5.0	100	97	3.0	89	89	0.0	70 - 130	30	
2-Hexanone	ND	25	89	89	0.0	73	70	4.2	70 - 130	30	
2-Isopropyltoluene	ND	5.0	97	97	0.0	87	86	1.2	70 - 130	30	
4-Chlorotoluene	ND	5.0	98	96	2.1	87	84	3.5	70 - 130	30	
4-Methyl-2-pentanone	ND	25	94	98	4.2	84	86	2.4	70 - 130	30	
Acetone	ND	10	94	90	4.3	79	78	1.3	70 - 130	30	
Acrylonitrile	ND	5.0	95	94	1.1	74	69	7.0	70 - 130	30	m
Benzene	ND	1.0	98	96	2.1	90	91	1.1	70 - 130	30	
Bromobenzene	ND	5.0	98	99	1.0	90	89	1.1	70 - 130	30	
Bromochloromethane	ND	5.0	99	96	3.1	94	90	4.3	70 - 130	30	
Bromodichloromethane	ND	5.0	101	102	1.0	95	95	0.0	70 - 130	30	
Bromoform	ND	5.0	103	106	2.9	92	92	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCJ49289

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bromomethane	ND	5.0	112	106	5.5	110	104	5.6	70 - 130	30
Carbon Disulfide	ND	5.0	98	94	4.2	91	91	0.0	70 - 130	30
Carbon tetrachloride	ND	5.0	102	99	3.0	95	94	1.1	70 - 130	30
Chlorobenzene	ND	5.0	97	96	1.0	89	89	0.0	70 - 130	30
Chloroethane	ND	5.0	109	102	6.6	106	105	0.9	70 - 130	30
Chloroform	ND	5.0	98	94	4.2	92	89	3.3	70 - 130	30
Chloromethane	ND	5.0	99	93	6.3	88	85	3.5	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	98	95	3.1	91	88	3.4	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	104	104	0.0	93	93	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	102	104	1.9	94	98	4.2	70 - 130	30
Dibromomethane	ND	5.0	101	102	1.0	94	97	3.1	70 - 130	30
Dichlorodifluoromethane	ND	5.0	107	102	4.8	97	94	3.1	70 - 130	30
Ethylbenzene	ND	1.0	98	98	0.0	91	91	0.0	70 - 130	30
Hexachlorobutadiene	ND	5.0	100	96	4.1	75	73	2.7	70 - 130	30
Isopropylbenzene	ND	1.0	99	100	1.0	91	90	1.1	70 - 130	30
m&p-Xylene	ND	2.0	98	98	0.0	89	89	0.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	82	82	0.0	71	71	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	94	1.1	95	92	3.2	70 - 130	30
Methylene chloride	ND	5.0	87	84	3.5	84	83	1.2	70 - 130	30
Naphthalene	ND	5.0	99	101	2.0	81	81	0.0	70 - 130	30
n-Butylbenzene	ND	1.0	101	99	2.0	86	84	2.4	70 - 130	30
n-Propylbenzene	ND	1.0	99	98	1.0	90	89	1.1	70 - 130	30
o-Xylene	ND	2.0	99	98	1.0	90	91	1.1	70 - 130	30
p-Isopropyltoluene	ND	1.0	100	100	0.0	88	87	1.1	70 - 130	30
sec-Butylbenzene	ND	1.0	99	99	0.0	88	87	1.1	70 - 130	30
Styrene	ND	5.0	101	100	1.0	91	91	0.0	70 - 130	30
tert-Butylbenzene	ND	1.0	98	99	1.0	90	89	1.1	70 - 130	30
Tetrachloroethene	ND	5.0	100	97	3.0	90	90	0.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	88	92	4.4	84	83	1.2	70 - 130	30
Toluene	ND	1.0	100	98	2.0	92	92	0.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	97	93	4.2	94	92	2.2	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	107	108	0.9	96	97	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	109	113	3.6	90	90	0.0	70 - 130	30
Trichloroethene	ND	5.0	96	96	0.0	91	91	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	105	100	4.9	103	101	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	93	90	3.3	89	87	2.3	70 - 130	30
Vinyl chloride	ND	5.0	106	100	5.8	99	95	4.1	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	99	100	1.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	98	%	100	100	0.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	93	%	101	98	3.0	100	97	3.0	70 - 130	30
% Toluene-d8	97	%	101	101	0.0	101	101	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

QA/QC Data

SDG I.D.: GCJ49289

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 08, 2021

Friday, October 08, 2021

Criteria: CT: GAM, RC

State: CT

Sample Criteria Exceedances Report

GCJ49289 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL 45441.08 ***Project Number:***

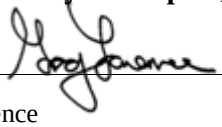
Laboratory Sample ID(s): CJ49289-CJ49294 ***Sampling Date(s):*** 10/5/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8260, 8270, ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☑ Yes ☐ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Assistant Lab Director

Printed Name: Greg Lawrence **Date:** Friday, October 08, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2021

SDG I.D.: GCJ49289

SDG Comments

CJ49289 - The client requested a short list for 8270 RCP Semivolatile.

CJ49290 - The client requested a short list for 8270 RCP Semivolatile.

CJ49291 - The client requested a short list for 8270 RCP Semivolatile.

CJ49292 - The client requested a short list for 8270 RCP Semivolatile.

CJ49293 - The client requested a short list for 8270 RCP Semivolatile.

CJ49294 - The client requested a short list for 8270 RCP Semivolatile.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-FID11 10/07/21-1 Jeff Bucko, Chemist 10/07/21

CJ49291 (1X), CJ49292 (1X), CJ49293 (1X)

The initial calibration (ETPH621I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O07A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL2 10/07/21-1 Jeff Bucko, Chemist 10/07/21

CJ49289 (1X), CJ49290 (1X), CJ49294 (1X)

The initial calibration (ETPH704I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O07A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 594991 (CJ48764)

CJ49289, CJ49290, CJ49291, CJ49292, CJ49293, CJ49294

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM19 10/06/21-1 Matt Richard, Chemist 10/06/21

CJ49289 (1X), CJ49290 (1X), CJ49291 (1X), CJ49292 (1X), CJ49293 (1X), CJ49294 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

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RCP Certification Report

October 08, 2021

SDG I.D.: GCJ49289

SVOA Narration

Initial Calibration Evaluation (CHEM19/19_BN_1004):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM19/1006_03-19_BN_1004):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 594989 (CJ48824)

CJ49289, CJ49290, CJ49291, CJ49292, CJ49293, CJ49294

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 595034 (Samples: CJ49290, CJ49291, CJ49292, CJ49293, CJ49294): -----

The LCS/LCSD recovery is acceptable. The MSD recovery is below the lower range. A low bias is possible. (Acrylonitrile)

QC Batch 595311 (Samples: CJ49289): -----

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is possible. (1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Hexachlorobutadiene)

Instrument:

CHEM18 10/05/21-3 Jane Li, Chemist 10/05/21

CJ49290 (1X), CJ49291 (1X), CJ49292 (1X), CJ49293 (1X), CJ49294 (1X, 50X)

Initial Calibration Evaluation (CHEM18/VT-M100421):
96% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 21% (20%), Acetone 24% (20%), trans-1,4-dichloro-2-butene 29% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM18/1005_47-VT-M100421):

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RCP Certification Report

October 08, 2021

SDG I.D.: GCJ49289

VOA Narration

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

CHEM18 10/06/21-1 Jane Li, Chemist 10/06/21

CJ49289 (1X, 50X)

Initial Calibration Evaluation (CHEM18/VT-M100421):
96% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 21% (20%), Acetone 24% (20%), trans-1,4-dichloro-2-butene 29% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM18/1006_02-VT-M100421):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Site Specific):

Batch 595034 (CJ49294) CHEM18 10/5/2021-3

CJ49290(1X), CJ49291(1X), CJ49292(1X), CJ49293(1X), CJ49294(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: None.
All MSD recoveries were within 70 - 130 with the following exceptions: Acrylonitrile(69%)
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 595311 (CJ49289) CHEM18 10/6/2021-1

CJ49289(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(68%), 1,2,4-Trichlorobenzene(69%), Hexachlorobutadiene(57%)
All MSD recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene(68%), 1,2,4-Trichlorobenzene(68%), Hexachlorobutadiene(54%)
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2021

SDG I.D.: GCJ49289

VOA Narration

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 3.3C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]

CHAIN OF CUSTODY RECORD

Temp 3.3 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: benjamin.roch@gza.com

Customer: GZA
Address: 95 Glastonbury Blvd, Glastonbury CT 06033

Project: Daniels Mill / 45441.08
Report to: Ben Roch
Invoice to: GZA
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: _____ Date: 10/5/21

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	ETPH	PAH	MS/MSD *	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [4] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
49289	T1-B	S	10/5/21	1050	X	X	X								3	2	1			
49290	T1-W			1055	X	X	X								3	2	1			
49291	T2-B			1010	X	X	X								3	2	1			
49292	T2-W			1015	X	X	X								3	2	1			
49293	T3-B			0915	X	X	X								3	2	1			
49294	T3-W			0920	X	X	X								3	2	1			

Relinquished by:	Accepted by:	Date:	Time:
Ben Roch		10/5	1457

Comments, Special Requirements or Regulations:
* Results by Friday 10/8/21
* Hold extra volume for potential SPLP analysis

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[X] 3 Days*
[ ] Standard
[ ] Other
* SURCHARGE APPLIES

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[ ] RCP Cert
[ ] GW Protection
[ ] SW Protection
[X] GA Mobility
[ ] GB Mobility
[X] Residential DEC
[ ] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[ ] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[X] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

PEL-126 REV. 06/20

PHOENIX
Environmental Laboratories, Inc.

Friday, October 08, 2021

Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Project ID: DANIELS MILL
SDG ID: GCJ50471
Sample ID#s: CJ50471 - CJ50475

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 08, 2021

SDG I.D.: GCJ50471

Project ID: DANIELS MILL

Client Id	Lab Id	Matrix
T4/5-S	CJ50471	SOIL
T4/5-W	CJ50472	SOIL
T4/5-N	CJ50473	SOIL
T6-N	CJ50474	SOIL
T6-S	CJ50475	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/06/21	12:45
Location Code:	GZACTENG	Received by:	SW	10/06/21	15:17
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ50471
Phoenix ID: CJ50471

Project ID: DANIELS MILL
Client ID: T4/5-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		10/06/21	JS	SW846-%Solid
Field Extraction	Completed				10/06/21		SW5035A
Extraction of ETPH	Completed				10/06/21	I/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/06/21	I/Y	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	56	mg/Kg	1	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	77		%	1	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	82		%	1	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.7	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.62	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T4/5-S

Phoenix I.D.: CJ50471

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	31	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	310	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.7	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	37	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T4/5-S

Phoenix I.D.: CJ50471

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	6.2	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	100		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	98		%	1	10/07/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	260	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	78		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	124		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	100		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL
Client ID: T4/5-S

Phoenix I.D.: CJ50471

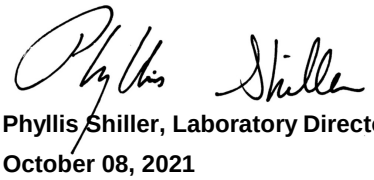
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/06/21	12:40
Location Code:	GZACTENG	Received by:	SW	10/06/21	15:17
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ50471
Phoenix ID: CJ50472

Project ID: DANIELS MILL
Client ID: T4/5-W

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		10/06/21	JS	SW846-%Solid
Field Extraction	Completed				10/06/21		SW5035A
Extraction of ETPH	Completed				10/06/21	I/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/06/21	I/Y	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	53	mg/Kg	1	10/07/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/07/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	89		%	1	10/07/21	JRB	50 - 150 %
% Terphenyl (surr)	84		%	1	10/07/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.56	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T4/5-W

Phoenix I.D.: CJ50472

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	28	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	28	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	280	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.4	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	34	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T4/5-W

Phoenix I.D.: CJ50472

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	5.6	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	101		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	99		%	1	10/07/21	JLI	70 - 130 %

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	70		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	106		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	91		%	1	10/07/21	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
October 08, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/06/21	12:35
Location Code:	GZACTENG	Received by:	SW	10/06/21	15:17
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ50471
Phoenix ID: CJ50473

Project ID: DANIELS MILL
Client ID: T4/5-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		10/06/21	JS	SW846-%Solid
Field Extraction	Completed				10/06/21		SW5035A
Extraction of ETPH	Completed				10/06/21	I/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/06/21	I/Y	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	53	mg/Kg	1	10/07/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/07/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	87		%	1	10/07/21	JRB	50 - 150 %
% Terphenyl (surr)	86		%	1	10/07/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	5.8	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.58	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T4/5-N

Phoenix I.D.: CJ50473

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	29	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	290	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.5	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	35	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T4/5-N

Phoenix I.D.: CJ50473

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	12	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	5.8	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	111		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	99		%	1	10/07/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	77		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	109		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	102		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL
Client ID: T4/5-N

Phoenix I.D.: CJ50473

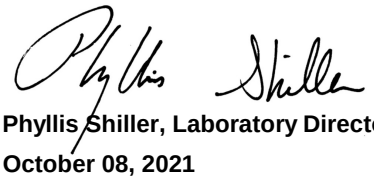
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/06/21	14:25
Location Code:	GZACTENG	Received by:	SW	10/06/21	15:17
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ50471
Phoenix ID: CJ50474

Project ID: DANIELS MILL
Client ID: T6-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		10/06/21	JS	SW846-%Solid
Field Extraction	Completed				10/06/21		SW5035A
Extraction of ETPH	Completed				10/06/21	I/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/06/21	I/Y	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	51	mg/Kg	1	10/07/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/07/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	72		%	1	10/07/21	JRB	50 - 150 %
% Terphenyl (surr)	80		%	1	10/07/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.54	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T6-N

Phoenix I.D.: CJ50474

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.2	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T6-N

Phoenix I.D.: CJ50474

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	5.4	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	100		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	99		%	1	10/07/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	114		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	100		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL
Client ID: T6-N

Phoenix I.D.: CJ50474

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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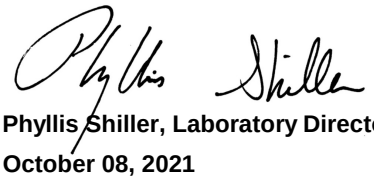


Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 08, 2021

FOR: Attn: Benjamin Rach
GZA GeoEnvironmental, Inc.
95 Glastonbury Blvd 3rd Fl
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/06/21	14:35
Location Code:	GZACTENG	Received by:	SW	10/06/21	15:17
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ50471
Phoenix ID: CJ50475

Project ID: DANIELS MILL
Client ID: T6-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		10/06/21	JS	SW846-%Solid
Field Extraction	Completed				10/06/21		SW5035A
Extraction of ETPH	Completed				10/06/21	I/Y	SW3546
Soil Extraction for SVOA PAH	Completed				10/06/21	I/Y	SW3546
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	52	mg/Kg	1	10/08/21	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/08/21	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	77		%	1	10/08/21	JRB	50 - 150 %
% Terphenyl (surr)	84		%	1	10/08/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	1	10/07/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.53	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T6-S

Phoenix I.D.: CJ50475

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,2-Dichloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
2-Chlorotoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	10/07/21	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
4-Chlorotoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	10/07/21	JLI	SW8260C
Acetone	ND	270	ug/Kg	1	10/07/21	JLI	SW8260C
Acrylonitrile	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Benzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromochloromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromodichloromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromoform	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Bromomethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon Disulfide	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Carbon tetrachloride	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chlorobenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chloroform	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Chloromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromochloromethane	ND	3.2	ug/Kg	1	10/07/21	JLI	SW8260C
Dibromomethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Ethylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Isopropylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
m&p-Xylene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	ug/Kg	1	10/07/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Naphthalene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
n-Butylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
n-Propylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
o-Xylene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
sec-Butylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Styrene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
tert-Butylbenzene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrachloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Toluene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C

Project ID: DANIELS MILL
Client ID: T6-S

Phoenix I.D.: CJ50475

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Trichloroethene	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	ug/Kg	1	10/07/21	JLI	SW8260C
Vinyl chloride	ND	5.3	ug/Kg	1	10/07/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	10/07/21	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	10/07/21	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	10/07/21	JLI	70 - 130 %
% Toluene-d8	92		%	1	10/07/21	JLI	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benz(a)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Chrysene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluoranthene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Fluorene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Naphthalene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Phenanthrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
Pyrene	ND	240	ug/Kg	1	10/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	1	10/07/21	WB	30 - 130 %
% Nitrobenzene-d5	97		%	1	10/07/21	WB	30 - 130 %
% Terphenyl-d14	91		%	1	10/07/21	WB	30 - 130 %

Project ID: DANIELS MILL
Client ID: T6-S

Phoenix I.D.: CJ50475

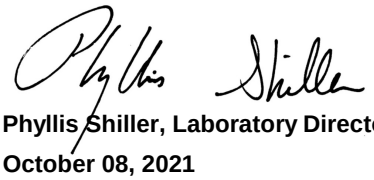
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

October 08, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

October 08, 2021

QA/QC Data

SDG I.D.: GCJ50471

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 595136 (mg/Kg), QC Sample No: CJ50206 (CJ50471, CJ50472, CJ50473, CJ50474, CJ50475)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	91	70	26.1				60 - 120	30
% COD (surr)	78	%	83	98	16.6				50 - 150	30
% Terphenyl (surr)	77	%	79	93	16.3				50 - 150	30
Comment:										
**The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS was within method criteria.										
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.										
QA/QC Batch 595138 (ug/kg), QC Sample No: CJ49259 (CJ50471, CJ50472, CJ50473, CJ50474, CJ50475)										
Polynuclear Aromatic HC - Soil										
2-Methylnaphthalene	ND	230	81	82	1.2	81	85	4.8	40 - 140	30
Acenaphthene	ND	230	88	93	5.5	84	87	3.5	30 - 130	30
Acenaphthylene	ND	230	83	87	4.7	92	95	3.2	40 - 140	30
Anthracene	ND	230	87	93	6.7	81	85	4.8	40 - 140	30
Benz(a)anthracene	ND	230	88	95	7.7	92	94	2.2	40 - 140	30
Benzo(a)pyrene	ND	230	81	87	7.1	81	85	4.8	40 - 140	30
Benzo(b)fluoranthene	ND	230	89	94	5.5	89	100	11.6	40 - 140	30
Benzo(ghi)perylene	ND	230	78	84	7.4	75	80	6.5	40 - 140	30
Benzo(k)fluoranthene	ND	230	84	90	6.9	79	82	3.7	40 - 140	30
Chrysene	ND	230	85	93	9.0	87	90	3.4	40 - 140	30
Dibenz(a,h)anthracene	ND	230	84	91	8.0	86	90	4.5	40 - 140	30
Fluoranthene	ND	230	88	94	6.6	94	98	4.2	40 - 140	30
Fluorene	ND	230	87	93	6.7	86	90	4.5	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	86	92	6.7	86	91	5.6	40 - 140	30
Naphthalene	ND	230	75	76	1.3	76	77	1.3	40 - 140	30
Phenanthrene	ND	230	86	93	7.8	100	88	12.8	40 - 140	30
Pyrene	ND	230	89	94	5.5	98	93	5.2	30 - 130	30
% 2-Fluorobiphenyl	78	%	78	87	10.9	79	75	5.2	30 - 130	30
% Nitrobenzene-d5	116	%	116	120	3.4	125	125	0.0	30 - 130	30
% Terphenyl-d14	94	%	96	107	10.8	94	91	3.2	30 - 130	30
Comment:										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 595296 (ug/kg), QC Sample No: CJ50423 (CJ50471, CJ50472, CJ50473, CJ50474)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	105	106	0.9	94	88	6.6	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	107	106	0.9	104	93	11.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	101	100	1.0	86	76	12.3	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	99	98	1.0	89	83	7.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	104	103	1.0	102	91	11.4	70 - 130	30
1,1-Dichloroethene	ND	5.0	104	102	1.9	102	92	10.3	70 - 130	30

QA/QC Data

SDG I.D.: GCJ50471

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloropropene	ND	5.0	104	103	1.0	101	92	9.3	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	112	107	4.6	79	72	9.3	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	100	98	2.0	90	81	10.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	103	101	2.0	75	68	9.8	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	98	98	0.0	91	81	11.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	109	105	3.7	85	76	11.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	101	100	1.0	91	83	9.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	94	92	2.2	81	73	10.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	103	103	0.0	97	89	8.6	70 - 130	30	
1,2-Dichloropropane	ND	5.0	100	99	1.0	94	87	7.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	101	100	1.0	95	85	11.1	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	93	92	1.1	80	72	10.5	70 - 130	30	
1,3-Dichloropropane	ND	5.0	105	103	1.9	95	86	9.9	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	93	92	1.1	79	71	10.7	70 - 130	30	
2,2-Dichloropropane	ND	5.0	113	112	0.9	105	94	11.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	99	97	2.0	91	82	10.4	70 - 130	30	
2-Hexanone	ND	25	100	96	4.1	82	75	8.9	70 - 130	30	
2-Isopropyltoluene	ND	5.0	98	97	1.0	93	83	11.4	70 - 130	30	
4-Chlorotoluene	ND	5.0	96	96	0.0	86	78	9.8	70 - 130	30	
4-Methyl-2-pentanone	ND	25	111	107	3.7	99	89	10.6	70 - 130	30	
Acetone	ND	10	94	90	4.3	78	71	9.4	70 - 130	30	
Acrylonitrile	ND	5.0	107	103	3.8	97	84	14.4	70 - 130	30	
Benzene	ND	1.0	101	100	1.0	97	90	7.5	70 - 130	30	
Bromobenzene	ND	5.0	97	97	0.0	87	79	9.6	70 - 130	30	
Bromochloromethane	ND	5.0	102	103	1.0	97	87	10.9	70 - 130	30	
Bromodichloromethane	ND	5.0	102	102	0.0	91	86	5.6	70 - 130	30	
Bromoform	ND	5.0	105	105	0.0	80	76	5.1	70 - 130	30	
Bromomethane	ND	5.0	107	108	0.9	105	95	10.0	70 - 130	30	
Carbon Disulfide	ND	5.0	100	99	1.0	96	86	11.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	108	108	0.0	98	92	6.3	70 - 130	30	
Chlorobenzene	ND	5.0	98	96	2.1	89	82	8.2	70 - 130	30	
Chloroethane	ND	5.0	101	100	1.0	100	92	8.3	70 - 130	30	
Chloroform	ND	5.0	104	104	0.0	101	91	10.4	70 - 130	30	
Chloromethane	ND	5.0	111	111	0.0	108	97	10.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	105	100	4.9	100	90	10.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	105	104	1.0	91	85	6.8	70 - 130	30	
Dibromochloromethane	ND	3.0	105	104	1.0	86	82	4.8	70 - 130	30	
Dibromomethane	ND	5.0	103	101	2.0	93	86	7.8	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	123	122	0.8	118	105	11.7	70 - 130	30	
Ethylbenzene	ND	1.0	101	100	1.0	95	86	9.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	98	97	1.0	87	73	17.5	70 - 130	30	
Isopropylbenzene	ND	1.0	100	100	0.0	96	86	11.0	70 - 130	30	
m&p-Xylene	ND	2.0	101	99	2.0	94	85	10.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	98	92	6.3	81	73	10.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	103	103	0.0	98	89	9.6	70 - 130	30	
Methylene chloride	ND	5.0	84	84	0.0	81	73	10.4	70 - 130	30	
Naphthalene	ND	5.0	119	115	3.4	85	77	9.9	70 - 130	30	
n-Butylbenzene	ND	1.0	102	101	1.0	93	80	15.0	70 - 130	30	
n-Propylbenzene	ND	1.0	100	98	2.0	94	84	11.2	70 - 130	30	
o-Xylene	ND	2.0	99	97	2.0	93	84	10.2	70 - 130	30	
p-Isopropyltoluene	ND	1.0	99	98	1.0	93	82	12.6	70 - 130	30	
sec-Butylbenzene	ND	1.0	102	100	2.0	97	85	13.2	70 - 130	30	
Styrene	ND	5.0	86	84	2.4	76	70	8.2	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
tert-Butylbenzene	ND	1.0	101	100	1.0	98	87	11.9	70 - 130	30	
Tetrachloroethene	ND	5.0	99	97	2.0	91	82	10.4	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	108	105	2.8	98	86	13.0	70 - 130	30	
Toluene	ND	1.0	100	99	1.0	94	86	8.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	103	102	1.0	98	89	9.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	107	106	0.9	91	85	6.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	121	120	0.8	92	84	9.1	70 - 130	30	
Trichloroethene	ND	5.0	100	98	2.0	96	88	8.7	70 - 130	30	
Trichlorofluoromethane	ND	5.0	111	109	1.8	112	98	13.3	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	93	92	1.1	93	82	12.6	70 - 130	30	
Vinyl chloride	ND	5.0	115	113	1.8	112	101	10.3	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0	99	100	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	103	103	0.0	101	103	2.0	70 - 130	30	
% Dibromofluoromethane	99	%	98	100	2.0	97	99	2.0	70 - 130	30	
% Toluene-d8	99	%	101	101	0.0	100	102	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 595449 (ug/kg), QC Sample No: CJ50475 (CJ50475)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	110	109	0.9	107	108	0.9	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	108	109	0.9	101	103	2.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	104	102	1.9	101	106	4.8	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	105	104	1.0	103	105	1.9	70 - 130	30	
1,1-Dichloroethane	ND	5.0	106	103	2.9	98	100	2.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	110	106	3.7	91	92	1.1	70 - 130	30	
1,1-Dichloropropene	ND	5.0	110	111	0.9	102	104	1.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	109	112	2.7	102	103	1.0	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	100	98	2.0	94	98	4.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	108	111	2.7	100	99	1.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	109	108	0.9	101	103	2.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	117	116	0.9	114	116	1.7	70 - 130	30	
1,2-Dibromoethane	ND	5.0	107	108	0.9	105	107	1.9	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	107	107	0.0	101	103	2.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	104	102	1.9	100	101	1.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	107	107	0.0	102	104	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	110	109	0.9	101	104	2.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	105	105	0.0	98	99	1.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	105	104	1.0	102	103	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	107	106	0.9	99	101	2.0	70 - 130	30	
2,2-Dichloropropane	ND	5.0	115	113	1.8	99	101	2.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	111	110	0.9	103	106	2.9	70 - 130	30	
2-Hexanone	ND	25	107	107	0.0	94	97	3.1	70 - 130	30	
2-Isopropyltoluene	ND	5.0	112	113	0.9	104	106	1.9	70 - 130	30	
4-Chlorotoluene	ND	5.0	110	109	0.9	102	103	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	108	108	0.0	102	105	2.9	70 - 130	30	
Acetone	ND	10	98	94	4.2	26	13	66.7	70 - 130	30	m,r
Acrylonitrile	ND	5.0	106	102	3.8	74	72	2.7	70 - 130	30	
Benzene	ND	1.0	108	107	0.9	101	103	2.0	70 - 130	30	
Bromobenzene	ND	5.0	110	109	0.9	104	107	2.8	70 - 130	30	
Bromochloromethane	ND	5.0	107	104	2.8	101	103	2.0	70 - 130	30	
Bromodichloromethane	ND	5.0	109	108	0.9	104	107	2.8	70 - 130	30	

QA/QC Data

SDG I.D.: GCJ50471

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromoform	ND	5.0	109	109	0.0	106	109	2.8	70 - 130	30	
Bromomethane	ND	5.0	108	104	3.8	91	96	5.3	70 - 130	30	
Carbon Disulfide	ND	5.0	107	103	3.8	85	85	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	110	109	0.9	98	105	6.9	70 - 130	30	
Chlorobenzene	ND	5.0	107	107	0.0	101	103	2.0	70 - 130	30	
Chloroethane	ND	5.0	116	110	5.3	95	100	5.1	70 - 130	30	
Chloroform	ND	5.0	103	100	3.0	97	99	2.0	70 - 130	30	
Chloromethane	ND	5.0	109	102	6.6	88	91	3.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	109	107	1.9	102	105	2.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	112	112	0.0	104	106	1.9	70 - 130	30	
Dibromochloromethane	ND	3.0	110	109	0.9	106	112	5.5	70 - 130	30	
Dibromomethane	ND	5.0	109	108	0.9	106	107	0.9	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	112	109	2.7	93	94	1.1	70 - 130	30	
Ethylbenzene	ND	1.0	109	109	0.0	101	104	2.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	111	112	0.9	92	94	2.2	70 - 130	30	
Isopropylbenzene	ND	1.0	114	113	0.9	106	109	2.8	70 - 130	30	
m&p-Xylene	ND	2.0	108	108	0.0	101	103	2.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	97	97	0.0	89	94	5.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	93	92	1.1	108	117	8.0	70 - 130	30	
Methylene chloride	ND	5.0	77	75	2.6	65	67	3.0	70 - 130	30	m
Naphthalene	ND	5.0	114	117	2.6	108	110	1.8	70 - 130	30	
n-Butylbenzene	ND	1.0	116	116	0.0	103	104	1.0	70 - 130	30	
n-Propylbenzene	ND	1.0	113	111	1.8	103	105	1.9	70 - 130	30	
o-Xylene	ND	2.0	110	110	0.0	104	106	1.9	70 - 130	30	
p-Isopropyltoluene	ND	1.0	113	115	1.8	104	105	1.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	113	111	1.8	102	104	1.9	70 - 130	30	
Styrene	ND	5.0	87	88	1.1	82	84	2.4	70 - 130	30	
tert-Butylbenzene	ND	1.0	112	113	0.9	104	107	2.8	70 - 130	30	
Tetrachloroethene	ND	5.0	110	111	0.9	105	105	0.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	104	100	3.9	99	99	0.0	70 - 130	30	
Toluene	ND	1.0	110	110	0.0	103	105	1.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	110	106	3.7	93	95	2.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	113	113	0.0	106	108	1.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	117	115	1.7	103	105	1.9	70 - 130	30	
Trichloroethene	ND	5.0	111	110	0.9	103	105	1.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	113	109	3.6	98	100	2.0	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	104	101	2.9	87	89	2.3	70 - 130	30	
Vinyl chloride	ND	5.0	112	109	2.7	95	96	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	%	101	101	0.0	102	101	1.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	100	1.0	99	99	0.0	70 - 130	30	
% Dibromofluoromethane	104	%	101	99	2.0	100	98	2.0	70 - 130	30	
% Toluene-d8	93	%	101	101	0.0	100	100	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GCJ50471

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 08, 2021

Friday, October 08, 2021

Criteria: CT: GAM, RC

State: CT

Sample Criteria Exceedances Report

GCJ50471 - GZACTENG

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** GZA GeoEnvironmental, Inc.

Project Location: DANIELS MILL ***Project Number:***

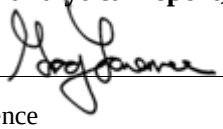
Laboratory Sample ID(s): CJ50471-CJ50475 ***Sampling Date(s):*** 10/6/2021

List RCP Methods Used (e.g., 8260, 8270, et cetera) 8260, 8270, ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☐ Yes ☑ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Assistant Lab Director

Printed Name: Greg Lawrence **Date:** Friday, October 08, 2021

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2021

SDG I.D.: GCJ50471

SDG Comments

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

Temperature above 6C:
The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no significant bias is suspected.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-FID11 10/07/21-1 Jeff Bucko, Chemist 10/07/21

CJ50471 (1X)

The initial calibration (ETPH621I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O07A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-FID22 10/06/21-1 Jeff Bucko, Chemist 10/06/21

CJ50472 (1X), CJ50473 (1X), CJ50474 (1X), CJ50475 (1X)

The initial calibration (ETPH727I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O06A048_2) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 595136 (CJ50206)

CJ50471, CJ50472, CJ50473, CJ50474, CJ50475

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
**The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS was within method criteria.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM07 10/06/21-1 Matt Richard, Chemist 10/06/21

CJ50471 (1X), CJ50472 (1X), CJ50473 (1X), CJ50474 (1X), CJ50475 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM07/7_BN_1004):
100% of target compounds met criteria.

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RCP Certification Report

October 08, 2021

SDG I.D.: GCJ50471

SVOA Narration

The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM07/1006_03-7_BN_1004):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
90% of target compounds met criteria.
The following compounds did not meet % deviation criteria: % Nitrobenzene-d5 37%H (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 595138 (CJ49259)

CJ50471, CJ50472, CJ50473, CJ50474, CJ50475

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 595449 (Samples: CJ50475): -----

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is possible. (Acetone, Methylene chloride)

The MS/MSD RPD exceeds the method criteria for one analyte, therefore there may be variability in the reported result. (Acetone)

Instrument:

CHEM14 10/07/21-1 Jane Li, Chemist 10/07/21

CJ50475 (1X, 50X)

Initial Calibration Evaluation (CHEM14/VT100621):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 22% (20%), Acetone 26% (20%), Methylene chloride 34% (20%), Styrene 30% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.055 (0.1)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM14/1006_51-VT100621):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
96% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Methylene chloride 32%L (30%)
The following compounds did not meet maximum % deviations: None.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2021

SDG I.D.: GCJ50471

VOA Narration

The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.045 (0.05)

CHEM31 10/06/21-2 Jane Li, Chemist 10/06/21

CJ50471 (1X), CJ50472 (1X), CJ50473 (1X), CJ50474 (1X)

Initial Calibration Evaluation (CHEM31/VT-L100521):
92% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2,3-Trichlorobenzene 29% (20%), Acetone 26% (20%), Bromoform 25% (20%), Methylene chloride 21% (20%), Naphthalene 38% (20%), Styrene 23% (20%), trans-1,4-dichloro-2-butene 24% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.074 (0.1), Bromoform 0.087 (0.1), Tetrachloroethene 0.191 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM31/1006_30-VT-L100521):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 595296 (CJ50423) CHEM31 10/6/2021-2

CJ50471(1X), CJ50472(1X), CJ50473(1X), CJ50474(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QC (Site Specific):

Batch 595449 (CJ50475) CHEM14 10/7/2021-1

CJ50475(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: Acetone(26%), Methylene chloride(65%)
All MSD recoveries were within 70 - 130 with the following exceptions: Acetone(13%), Methylene chloride(67%)
All MS/MSD RPDs were less than 30% with the following exceptions: Acetone(66.7%)
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 8.2C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☐ ICE ☑ No ☐

CHAIN OF CUSTODY RECORD

Temp 5.2 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☒ Email: benjamin.rachele@gza.com

Customer: GZA
Address: 95 Glastonbury Blvd Glastonbury CT 06033

Project: Daniels Mill / 45441.08
Report to: Ben Rachele
Invoice to: GZA
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Client Sample - Information - Identification
Date: 10/6/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260 ETPH PAHs	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials 1:1 methanol 2:1 H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
50471	T4/5-S	S	10/6/21	1245	X X X			3	2	1								
50472	T4/5-W	S		1240	X X X			3	2	1								
50473	T4/5-N	S		1235	X X X			3	2	1								
50474	T6-N	S		1425	X X X			3	2	1								
50475	T6-S	S		1435	X X X			3	2	1								

Relinquished by:	Accepted by:	Date:	Time:
Ben Rachele	Emma Nelson	10/6/21	1517

Comments, Special Requirements or Regulations:
*Results by Friday 10/8
- Hold extra volume for potential SPLP analysis

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
☐ 1 Day*
☒ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☐ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☑ GA Mobility
☐ GB Mobility
☑ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: CT

Data Format
☐ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☒ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

PEL-126 REV. 06/20

APPENDIX G
FLOWABLE FILL TICKETS

TILCON CONNECTICUT INC.

301 Hartford Ave. - P.O.Box 310903
Newington, CT 06131-0903

www.tilconct.com

CONCRETE PLANTS
- NEW BRITAIN, CT - EAST GRANBY, CT - NORWICH, CT
- OLD SAYBROOK, CT - HARTFORD, CT

TEL: (860) 225-7801
TOLL FREE: 1-888-TILCONN

DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	7:28	207	8280		85	158	934642

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	1
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS		QUANTITY DELIVERED: 10.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched		% Var	% Moisture		Actual Wat	Trim
GRNBY SAND	2163 lb	22936 lb	22880 lb		-0.24%	6.04%	A	1303 lb	
LEHIGH I / II	49 lb	490 lb	480 lb		-2.04%				
POZZOTIVE	100 lb	1000 lb	1020 lb	>	2.00%				
WATER	46.0 gal	303.5 gal	303.0 gal		-0.16%			2528.5 lb	

Water allowed at jobsite: 7.30 lb

IMPORTANT

The designation of mix by the volumetric proportioning of cements and aggregates such as a 1:2:3" is understood to be purely nominal and not intended to limit specifically the exact amounts of the quantities actually used. The seller reserves the right to the vary the quantities of the cement and aggregates, to introduce admixtures, accelerators, and other agents, and to batch the ingredients by weight, all in conformity with the standard practice for manufacturing ready mix concrete.

All accounts are due and payable at time of delivery, unless purchaser has applied and has been approved for open account sales in which case, payment is due according to our standard terms.

Purchaser agrees to pay all costs of collection, expenses, and reasonable attorney's fees incurred with the collection of any debt owed by the purchaser to Tilcon Connecticut Inc. (Tilcon).

Purchaser agrees to pay interest on any delinquent balance at a rate of (18%) eighteen percent per annum, provided said interest rate does not exceed the maximum rate allowed by law in which case interest will be assessed at the maximum rate allowed by law.

The terms of this delivery are cash on delivery (C.O.D.) unless the purchaser has requested and been approved for an open account with Tilcon and this open account is in good standing. Open account customer's delivery terms are in accordance with their Credit Application and Agreement.

! DANGER !

Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Do not breathe dust/fume/gas/mist/vapors/spray

Wash hands thorougly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Contaminated work clothing must not be allowed out of the workplace

Use only outdoors or in a well-ventilated area

RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contained clothing before reuse. Immediately call a poison center/doctor.

In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

Store locked up. Store in a well-ventilated place. Keep container(s) tightly closed.

DISPOSAL

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	7:43	207	8280		68	158	934643

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	2
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 20.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched		% Var	% Moisture		Actual Wat	Trim
GRNBY SAND	2163 lb	22904 lb	22860 lb		-0.19%	5.89%	A	1271 lb	
LEHIGH I / II	49 lb	490 lb	500 lb		2.04%				
POZZOTIVE	100 lb	1000 lb	1070 lb	>	7.00%				
WATER	46.0 gal	307.3 gal	307.0 gal		-0.11%			2561.9 lb	

Water allowed at jobsite: 5.30 lb

IMPORTANT

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Contaminated work clothing must not be allowed out of the workplace

Use only outdoors or in a well-ventilated area

RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water/shower. Wash containated clothing before reuse. Immediately call a poison center/doctor.

In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

Store locked up. Store in a well-ventilated place. Keep container(s) tightly closed.

DISPOSAL

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	7:47	207	8280		140	158	934644

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	3
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 30.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched		% Var	% Moisture		Actual Wat	Trim
GRNBY SAND	2163 lb	22895 lb	22840 lb		-0.24%	5.85%	A	1262 lb	
LEHIGH I / II	49 lb	490 lb	490 lb	>	0.00%				
POZZOTIVE	100 lb	1000 ib	1080 lb	>	8.00%				
WATER	46.0 gal	308.4 gal	308.0 gal		-0.14%			2570.3 lb	

Water allowed at jobsite: 6.52 lb

IMPORTANT

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Use only outdoors or in a well-ventilated area

RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water/shower. Wash containated clothing before reuse. Immediately call a poison center/doctor.

In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

Store locked up. Store in a well-ventilated place. Keep container(s) tightly closed.

DISPOSAL

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	8:02	207	8280		81	158	934645

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	4
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 40.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual Wat	Trim
GRNBY SAND	2163 lb	22816 lb	22760 lb	-0.24%	5.48% A	1183 lb	
LEHIGH I / II	49 lb	490 lb	480 lb	-2.04%			
POZZOTIVE	100 lb	1000 lb	1080 lb >	8.00%			
WATER	46.0 gal	317.9 gal	318.0 gal	0.02%		2653.7 lb	

Water allowed at jobsite: 2.24 lb

IMPORTANT

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Wear protective gloves/protective clothing/eye protection/face protection

Contaminated work clothing must not be allowed out of the workplace

Use only outdoors or in a well-ventilated area

RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

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In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

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DISPOSAL

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	8:12	207	8280		230	158	934647

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	6
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 60.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched		% Var	% Moisture		Actual Wat	Trim
GRNBY SAND	2163 lb	22930 lb	22880 lb		-0.22%	6.01%	A	1298 lb	
LEHIGH I / II	49 lb	490 lb	510 lb	>	4.08%				
POZZOTIVE	100 lb	1000 lb	1030 lb	>	3.00%				
WATER	46.0 gal	304.2 gal	303.0 gal		-0.38%			2528.5 lb	

Water allowed at jobsite: 12.53 lb

IMPORTANT

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PRECAUTIONARY STATEMENTS

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Wash hands thorougly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Contaminated work clothing must not be allowed out of the workplace

Use only outdoors or in a well-ventilated area

RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

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In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

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DISPOSAL

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	8:21	207	8280		93	158	934648

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	7
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 70.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual Wat	Trim
GRNBY SAND	2163 lb	22917 lb	22860 lb	-0.25%	5.95% A	1284 lb	
LEHIGH I / II	49 lb	490 lb	490 lb	0.00%			
POZZOTIVE	100 lb	1000 lb	1070 lb >	7.00%			
WATER	46.0 gal	305.7 gal	306.0 gal	0.08%		2553.6 lb	

Water allowed at jobsite: 1.07 lb

IMPORTANT

The designation of mix by the volumetric proportioning of cements and aggregates such as a 1:2:3" is understood to be purely nominal and not intended to limit specifically the exact amounts of the quantities actually used. The seller reserves the right to the vary the quantities of the cement and aggregates, to introduce admixtures, accelerators, and other agents, and to batch the ingredients by weight, all in conformity with the standard practice for manufacturing ready mix concrete.

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STORAGE

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	8:38	207	8280		78	158	934650

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	8
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 80.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual Wat	Trim
GRNBY SAND	2163 lb	22931 lb	22880 lb	-0.22%	6.02% A	1298 lb	
LEHIGH I / II	49 lb	490 lb	500 lb	2.04%			
POZZOTIVE	100 lb	1000 lb	1010 lb >	1.00%			
WATER	46.0 gal	304.1 gal	304.0 gal	-0.02%		2536.9 lb	

Water allowed at jobsite: 3.45 lb

IMPORTANT

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Purchaser agrees to pay all costs of collection, expenses, and reasonable attorney's fees incurred with the collection of any debt owed by the purchaser to Tilcon Connecticut Inc. (Tilcon).

Purchaser agrees to pay interest on any delinquent balance at a rate of (18%) eighteen percent per annum, provided said interest rate does not exceed the maximum rate allowed by law in which case interest will be assessed at the maximum rate allowed by law.

The terms of this delivery are cash on delivery (C.O.D.) unless the purchaser has requested and been approved for an open account with Tilcon and this open account is in good standing. Open account customer's delivery terms are in accordance with their Credit Application and Agreement.

! DANGER !

Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Do not breathe dust/fume/gas/mist/vapors/spray

Wash hands thorougly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Contaminated work clothing must not be allowed out of the workplace

Use only outdoors or in a well-ventilated area

RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water/shower. Wash containated clothing before reuse. Immediately call a poison center/doctor.

In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

Store locked up. Store in a well-ventilated place. Keep container(s) tightly closed.

DISPOSAL

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

TILCON CONNECTICUT INC.

301 Hartford Ave. - P.O.Box 310903
Newington, CT 06131-0903

www.tilconct.com

CONCRETE PLANTS
- NEW BRITAIN, CT - EAST GRANBY, CT - NORWICH, CT
- OLD SAYBROOK, CT - HARTFORD, CT

TEL: (860) 225-7801
TOLL FREE: 1-888-TILCONN

DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	8:42	207	8280		85	158	934651

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	9
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 90.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched		% Var	% Moisture		Actual Wat	Trim
GRNBY SAND	2163 lb	22972 lb	22920 lb		-0.23%	6.21%	A	1339 lb	
LEHIGH I / II	49 lb	490 lb	490 lb	*	0.00%				
POZZOTIVE	100 lb	1000 lb	1010 lb	>	1.00%				
WATER	46.0 gal	299.1 gal	300.0 gal		0.29%			2503.5 lb	

Water allowed at jobsite: 0.00 lb

IMPORTANT

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RESPONSE

If swallowed, rinse mouth. Do NOT induce vomiting. Immediatly call a poison center/doctor.

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In inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.

If exposed or concerned, seek medical advice/attention

STORAGE

Store locked up. Store in a well-ventilated place. Keep container(s) tightly closed.

DISPOSAL

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	8:52	207	8280		68	158	934653

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	10
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 100.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual Wat	Trim
GRNBY SAND	2163 lb	22964 lb	22940 lb	-0.11%	6.17% A	1333 lb	
LEHIGH I / II	49 lb	490 lb	500 lb	2.04%			
POZZOTIVE	100 lb	1000 lb	1010 lb >	1.00%			
WATER	46.0 gal	300.1 gal	301.0 gal <	0.30%		2511.8 lb	

Water allowed at jobsite: 0.00 lb

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STORAGE

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DISPOSAL

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	9:07	207	8280		91	158	934655

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	11
		QUANTITY ORDERED: 110.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 110.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual Wat	Trim
GRNBY SAND	2163 lb	22979 lb	22940 lb	-0.17%	6.24% A	1347 lb	
LEHIGH I / II	49 lb	490 lb	480 lb	-2.04%			
POZZOTIVE	100 lb	1000 lb	990 lb	-1.00%			
WATER	46.0 gal	298.4 gal	297.0 gal	-0.46%		2478.5 lb	

Water allowed at jobsite: 13.72 lb

IMPORTANT

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STORAGE

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DISPOSAL

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DATE	TIME	ORDER NO.	CUST NO.	PROJECT NO.	TRUCK NO.	PLANT NO.	TICKET NO.
10/18/21	10:05	207	8280		93	158	934659

CUSTOMER NAME / INFORMATION	JOB NAME / INFORMATION	LOADS TO JOB
CISCO LLC	98 EAST MAIN ST VERNON	12
		QUANTITY ORDERED: 120.01
SPECIAL INSTRUCTIONS: GRAB A BUCKET		QUANTITY DELIVERED: 120.00

PROD ID	QUANTITY	PRODUCT DESRIPTION	UNIT	$/UNIT	EXTENDED
893600	10.00	FLOCON ST - POZZ	yd		
998	1.00	ENVIRONMENTAL IMPACT FEE	EA		
78	1.00	ENERGY SURCHARGE	EA		

MIXER ARRIVED	MIXER DISCHARGED	DELAYED TRUCK TIME	TRUCK UNLOAD TIME		

REQUESTED SLUMP: 10

Minimum Haul Rate:
Hot Water Use Rate:

Sub-Total
Sales Tax
Total $
Balance Due

I authorize the driver of this truck to add: _____ gallons

The undersigned agrees to indemnify and hold harmless the driver of this truck and TILCON CONNECTICUT INC. from any and all damage, losses and/or injury to the premises and/or adjacent property which may be claimed by anyone to have arisen out of the delivery of this order.

X _____
INSPECTED, APPROVED & RECEIVED BY

Material	Design Qty	Required	Batched		% Var	% Moisture	Actual Wat	Trim
GRNBY SAND	2163 lb	22922 lb	22880 lb		-0.18%	5.97% A	1289 lb	
LEHIGH I / II	49 lb	490 lb	480 lb		-2.04%			
POZZOTIVE	100 lb	1000 lb	1020 lb	>	2.00%			
WATER	46.0 gal	305.2 gal	306.0 gal		0.25%		2553.6 lb	

Water allowed at jobsite: 0.00 lb

IMPORTANT

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DISPOSAL

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GZA GeoEnvironmental, Inc.