



**GRAFTON**  
QUALITY LIFE. NATURALLY.

December \_\_, 2022

Brian Julien  
Grafton Investments, LLC  
35056 W Old Woods  
Oconomowoc, WI 53066

Michael Steger  
2076 First Ave.  
Grafton, WI 53024

Subject: Soil Sample Results for 2076 First Ave. Property, Grafton, WI  
Lime Kiln Landfill, WDNR License No. 3602  
BRRTS No. 02-46-549906 and 02-46-000743

Dear Mr. Julien and Mr. Steger:

TRC, on behalf of the Village of Grafton, completed geoprobe soil sampling at the property located at 2076 First Ave., Grafton, WI (Site) in November 2022 to delineate shallow soil impacts identified during previous investigations at the Site. This sampling was performed in accordance with the *Site Investigation Workplan (SIWP)* (TRC, 2021<sup>1</sup>), which was previously provided to you.

The purpose of this letter is to provide you with the results of the recent soil sampling conducted at the property on November 18, 2022. The sampling included five geoprobe soil boring locations (SB-01 through SB-05), each sampled at two depth intervals. The sample locations are shown as green circles on Figure 1 (Attachment 1). The proposed temporary well was not installed in the main building due to dry soil conditions observed at SB-04, indicating a shallow well, if installed at this location, would not be able to yield a groundwater sample. Samples were submitted for laboratory analysis by Eurofins Environment Testing for volatile organic compounds (VOCs). The laboratory analytical results from the sampling event are included in the attached table (Attachment 2) and the laboratory report is included as Attachment 3.

As expected, trichloroethene (TCE) was detected in several soil samples. Other VOCs were also detected in some samples, at lower, estimated (J-flagged) concentrations. The results shown in the table are compared to Wisconsin's NR 720 Residual Contaminant Levels (RCLs). **No samples within the direct contact zone (0 to 4 feet below ground surface) exceeded industrial direct contact RCLs (8,410 ug/kg for TCE).** Several samples exceeded soil-to-groundwater pathway RCLs for TCE and/or other VOC parameters; this was expected, as the identification of the downgradient plume is what instigated this investigation.

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<sup>1</sup> TRC. 2021. Site Investigation Workplan. Lime Kiln Park and West Plume. December 30, 2021.

The samples collected from the soil boring adjacent to the storage shed (SB-03) had TCE concentrations greater than the other locations. The shallow soil sample concentration exceeded the non-industrial direct contact RCL but did not exceed the industrial direct contact RCL. The storage shed slab and the surrounding parking lot pavement prevent direct contact exposure with these soils.

These soil sampling results are consistent with the historical soil sampling conducted at the Site and the results from the August 2022 vapor sampling. Per TRC's discussions with Site personnel on November 18, 2022, the storage shed is used by the tenant for storage, is not occupied for long periods of time, and no women of child-bearing age (15-45) occupy the storage shed. **These factors and the indoor air sample result from the storage shed (submitted to you September 19, 2022) indicate there is not an immediate vapor risk with continued use of the storage shed.**

The Village and TRC continue to share results of the investigation with the WDNR and will follow up with updates for future work at the site. Next steps for investigation at the property include installation of water table monitoring wells and a second round of vapor sampling in accordance with the SIWP. These tasks are tentatively scheduled for first quarter of 2023. TRC will reach out directly to you to coordinate access to conduct this work.

If you have any questions concerning the enclosed information, please contact me at 262-375-5325 or Alia Enright with TRC at 608-572-3845. Your cooperation in this matter is greatly appreciated.

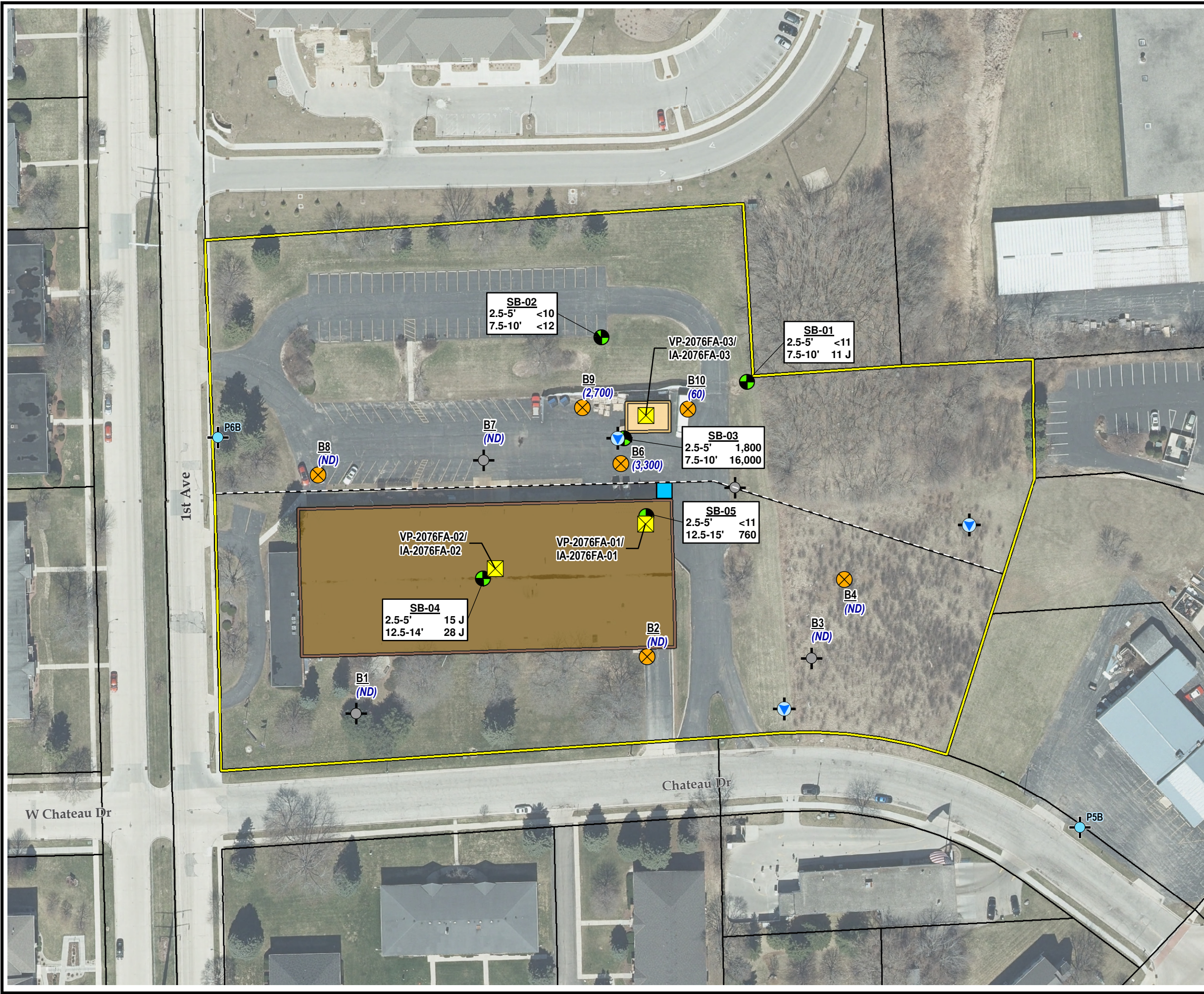
Sincerely,

TRC

Amber Thomas, P.E.  
Village of Grafton  
Director of Public Works/Village Engineer

Attachments: 1. Figure 1 – Sampling Locations, 2076 First Ave.  
2. Table 1 – 2076 First Ave. Soil Sampling Results  
3. Laboratory Analytical Report

cc: John Feeney – WDNR (electronic only)  
Alia Enright P.E., TRC (electronic only)  
Michael Herbrand – Houseman & Feind (electronic only)  
Jim Guyette – Guyette Law (electronic only)



### LEGEND

- OUTDOOR (AMBIENT) AIR SAMPLE (TRC)
- PAIRED SUB-SLAB/INDOOR AIR VAPOR SAMPLE (TRC)
- ⊗ PREVIOUS SOIL
- ⊕ PREVIOUS TEMPORARY WELL
- GEOPROBE BORING (TRC)
- ⊕ PROPOSED WATER TABLE MONITORING WELL (TRC)
- ⊕ MONITORING WELL LOCATION
- MAIN BUILDING
- STORAGE SHED
- SITE BOUNDARY
- TAX PARCEL
- (60) TCE SOIL CONCENTRATION IN PPB

- ### NOTES
1. BASE MAP IMAGERY FROM ORTHOPHOTO CONSORTIUM (WROC) AND THE SOUTHEAST WI REGIONAL PLANNING COMMISSION (SEWRPC) (2020).
  2. PREVIOUS SOIL BORING/TEMPORARY WELL LOCATIONS AND TCE CONCENTRATIONS OBTAINED FROM AECOM FIGURE 4: GEOPROBE LOCATION MAP DATED FEBRUARY 2017.
  3. PROPOSED TEMPORARY WELL AT SB-04 WAS NOT INSTALLED DUE TO DRY SOIL CONDITIONS OBSERVED DURING GEOPROBE SOIL SCREENING.



PROJECT:		<b>BRRTS #02-46-549906 AND #02-46-000743 LIME KILN PARK AND WEST PLUME GRAFTON, OZAUKEE COUNTY, WISCONSIN</b>	
TITLE:		<b>SAMPLING LOCATIONS 2076 FIRST AVE.</b>	
DRAWN BY:	A. ADAIR	PROJ. NO.:	459265
CHECKED BY:	A. ENRIGHT	<b>FIGURE 1</b>	
APPROVED BY:	S. SELLWOOD		
DATE:	DECEMBER 2022		
		708 Heartland Trail, Suite 3000 Madison, WI 53717 Phone: 608.826.3600 www.trccompanies.com	
FILE NO.:	459265_101_SL.mxd		

2076 First Ave.  
 BRRTS #02-46-549  
 Lime Kiln Pa  
 Grafton, Ozauk

Parameters	NR 720 Residual Contaminant Levels			SB
	Groundwater Pathway RCL (ug/kg)	Non-Industrial Direct Contact RCL (ug/kg)	Industrial Direct Contact RCL (ug/kg)	2.5-5 11/18/2022 u
<b>VOCs (ug/kg)</b>				
1,1,1,2-Tetrachloroethane	53.414634	2780	12300	< 31
1,1,1-Trichloroethane	140.2	640000	640000	< 25
1,1,2,2-Tetrachloroethane	0.156407	810	3600	< 26
1,1,2-Trichloroethane	3.24	1590	7010	< 23
1,1-Dichloroethane	483.418182	5060	22200	< 27
1,1-Dichloroethene	5.02	320000	1190000	< 26
1,1-Dichloropropene	---	---	---	< 20
1,2,3-Trichlorobenzene	---	62600	934000	< 30
1,2,3-Trichloropropane	51.909212	5.1	109	< 27
1,2,4-Trichlorobenzene	408	24000	113000	< 23
1,2,4-Trimethylbenzene <sup>(2)</sup>	1378.7	219000	219000	< 24
1,2-Dibromo-3-chloropropane	0.1728	7.5	92.3	< 130
1,2-Dibromoethane	0.0282	50	221	< 26
1,2-Dichlorobenzene	1168	376000	376000	< 22
1,2-Dichloroethane	2.84	652	2870	< 26
1,2-Dichloropropane	3.32	3400	15000	< 28
1,3,5-Trimethylbenzene <sup>(2)</sup>	1378.7	182000	182000	< 25
1,3-Dichlorobenzene	1152.77434	297000	297000	< 27
1,3-Dichloropropane	---	1490000	1490000	< 24
1,4-Dichlorobenzene	144	3740	16400	< 24
2,2-Dichloropropane	---	191000	191000	< 29
2-Chlorotoluene	---	907000	907000	< 21
4-Chlorotoluene	---	253000	253000	< 23
4-Isopropyltoluene	---	162000	162000	< 24
Benzene	5.12	1600	7070	<b>12 J</b>
Bromobenzene	---	342000	679000	< 24
Bromochloromethane	---	216000	906000	< 28
Bromodichloromethane	0.3255	418	1830	< 25
Bromoform	2.332	25400	113000	< 32
Bromomethane	5.059603	9600	43000	< 53
Carbon tetrachloride	3.88	916	4030	< 25
Chlorobenzene	135.8	370000	761000	< 26
Chloroethane	226.602871	2120000	2120000	< 33
Chloroform	3.33	454	1980	< 25

Chloromethane	15.510638	159000	669000	< 21
cis-1,2-Dichloroethene	41.2	156000	2340000	< 27
cis-1,3-Dichloropropene <sup>(1)</sup>	0.3	1210000	1210000	< 28
Dibromochloromethane	31.95	8280	38900	< 32
Dibromomethane	---	34000	143000	< 18
Dichlorodifluoromethane (Freon 12)	3086.294416	126000	530000	< 45
Di-isopropyl ether	---	2260000	2260000	< 18
Ethylbenzene	1570	8020	35400	< 12
Hexachlorobutadiene	---	1630	7190	< 30
Isopropylbenzene (Cumene)	---	268000	268000	< 25
Methyl tert-butyl ether (MTBE)	27.020979	63800	282000	< 26
Methylene chloride	2.56	61800	1150000	< 110
Naphthalene	658.181818	5520	24100	< 22
n-Butylbenzene	---	108000	108000	< 26
n-Propylbenzene	---	264000	264000	< 27
sec-Butylbenzene	---	145000	145000	< 26
Styrene	220	867000	867000	< 26
tert-Butylbenzene	---	183000	183000	< 26
Tetrachloroethene	4.54	33000	145000	< 25
Toluene	1107.2	818000	818000	< 9.8
trans-1,2-Dichloroethene	62.6	1560000	1850000	< 23
trans-1,3-Dichloropropene <sup>(1)</sup>	0.3	1510000	1510000	< 24
Trichloroethene	3.58	1300	8410	< 11
Trichlorofluoromethane (Freon 11)	4477.48062	1230000	1230000	< 28
Trichlorotrifluoroethane (Freon 113)	---	910000	910000	< 31
Vinyl chloride	0.138	66.8	2080	< 17
Xylenes, total	3960	260000	260000	< 15

**Notes:**

**Black bold** = detection exceeds the NR 720 Groundwater Pathway RCL

*Black italics* = detection exceeds the Non-Industrial Direct Contact RCL within the direct contact zone (0 to 4 foot interval)

**Red bold** = detection exceeds the Industrial Direct-Contact RCL within the direct contact zone (0 to 4 foot interval)

RCLs from Wisconsin Administrative Code Chapter NR 720 Residual Contaminant Level, December 2018.

--- - no standard established

VOCs - volatile organic compounds.

ug/kg - micrograms per kilogram

< = not detected above indicated laboratory method detection limit (MDL).

J - Results between the limit of detection and limit of quantitation.

bgs - below ground surface

**Table 1**  
**Soil Sampling Results**  
**0906 and #02-46-000743**  
**North and West Plume**  
**Dodge County, Wisconsin**

Sample ID							
-01	SB-02		SB-03		SB-04		SB
7.5-10	2.5-5	7.5-10	2.5-5	7.5-10	2.5-5	12.5-14	2.5-5
11/18/2022	11/18/2022	11/18/2022	11/18/2022	11/18/2022	11/18/2022	11/18/2022	11/18/2022
u	u	u	u	u	u	u	u
< 28	< 28	< 34	< 28	< 40	< 34	< 27	< 31
< 23	< 23	< 28	< 23	79 J	< 28	< 23	< 26
< 24	< 24	< 29	< 24	< 34	< 30	< 24	< 27
< 21	< 21	< 26	< 21	< 30	< 26	< 21	< 24
< 25	< 25	< 30	< 25	< 35	< 30	< 24	< 28
< 23	< 24	< 29	< 23	< 33	< 29	< 23	< 26
< 18	< 18	< 22	< 18	< 26	< 22	< 18	< 20
< 27	< 28	< 34	< 27	< 39	< 34	< 27	< 31
< 25	< 25	< 31	< 25	< 36	< 31	< 25	< 28
< 20	< 21	< 25	< 21	< 29	< 25	< 20	< 23
< 21	< 22	< 26	< 21	< 31	< 27	< 21	< 24
< 120	< 120	< 150	< 120	< 170	< 150	< 120	< 130
< 23	< 23	< 29	< 23	< 33	< 29	< 23	< 26
< 20	< 20	< 25	< 20	< 29	< 25	< 20	< 23
< 23	< 24	< 29	< 24	< 34	< 29	< 23	< 27
< 26	< 26	< 32	< 26	< 37	< 32	< 25	< 29
< 23	< 23	< 28	< 23	< 33	< 28	< 23	< 26
< 24	< 24	< 30	< 24	< 34	< 30	< 24	< 27
< 22	< 22	< 27	< 22	< 31	< 27	< 21	< 24
< 22	< 22	< 27	< 22	< 31	< 27	< 22	< 25
< 27	< 27	< 33	< 27	< 38	< 33	< 26	< 30
< 19	< 19	< 23	< 19	< 27	< 23	< 19	< 21
< 21	< 21	< 26	< 21	< 30	< 26	< 21	< 24
< 22	< 22	< 27	< 22	< 31	< 27	< 21	< 24
< 8.7	< 8.9	< 11	< 8.8	< 13	< 11	< 8.7	< 9.9
< 21	< 22	< 26	< 21	< 31	< 26	< 21	< 24
< 26	< 26	< 32	< 26	< 37	< 32	< 25	< 29
< 22	< 23	< 27	< 22	< 32	< 28	< 22	< 25
< 29	< 29	< 36	< 29	< 42	< 36	< 29	< 33
< 48	< 48	< 59	< 48	< 68	< 59	< 47	< 54
< 23	< 23	< 28	< 23	< 33	< 29	< 23	< 26
< 23	< 23	< 29	< 23	< 33	< 29	< 23	< 26
< 30	< 31	< 37	< 30	< 43	< 37	< 30	< 34
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< 19	< 19	< 24	< 19	< 27	< 24	< 19	< 22
< 24	< 25	< 30	< 24	<b>44 J</b>	< 30	< 24	< 28
< 25	< 25	< 31	< 25	< 36	< 31	< 25	< 28
< 29	< 30	< 36	< 29	< 42	< 36	< 29	< 33
< 16	< 16	< 20	< 16	< 23	< 20	< 16	< 18
< 40	< 41	< 50	< 40	< 58	< 50	< 40	< 46
< 17	< 17	< 20	< 17	< 24	< 21	< 16	< 19
< 11	< 11	< 14	< 11	< 16	< 14	< 11	< 12
< 27	< 27	< 33	< 27	< 38	< 33	< 26	< 30
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< 20	< 20	< 25	< 20	< 29	< 25	< 20	< 23
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< 25	< 25	< 31	< 25	< 36	< 31	< 25	< 28
< 24	< 24	< 29	< 24	< 34	< 30	< 24	< 27
< 23	< 23	< 29	< 23	< 33	< 29	< 23	< 26
< 24	< 24	< 29	< 24	< 34	< 30	< 24	< 27
< 22	< 22	< 27	< 22	<b>67 J</b>	< 28	< 22	< 25
< 8.8	< 8.9	< 11	< 8.8	< 13	< 11	< 8.7	< 9.9
< 21	< 21	< 26	< 21	< 30	< 26	< 21	< 24
< 22	< 22	< 27	< 22	< 31	< 27	< 21	< 24
<b>11 J</b>	< 10	< 12	<b>1800</b>	<b>16000</b>	<b>15 J</b>	<b>28 J</b>	< 11
< 26	< 26	< 32	< 26	< 37	< 32	< 25	< 29
< 28	< 28	< 34	< 28	50 J	< 34	< 27	< 31
< 16	< 16	< 19	< 16	< 22	< 19	< 16	< 18
< 13	< 13	< 16	< 13	< 19	< 16	< 13	< 15

**Footnotes:**

- (1) Groundwater pathway RCL is for 1,3-dichloropropene.
- (2) Groundwater pathway RCL is for trimethylbenzenes (1,2,4- and 1,3,5- combined).

<b>-05</b>
<b>12.5-15</b>
<b>11/18/2022</b>
<b>u</b>

< 28
64
< 24
< 21
< 25
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< 22



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< 40
< 16
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< 23
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< 25
< 24
< 23
< 24
< 22
< 8.8
< 21
< 22
<b>760</b>
< 26
44 J
< 16
< 13

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Alia Enright  
TRC Environmental Corporation  
999 Fourier Drive  
Suite 101  
Madison, Wisconsin 53717

Generated 12/6/2022 12:08:18 PM

**JOB DESCRIPTION**

Village of Grafton 459265.0000.0000

**JOB NUMBER**

500-225785-1

# Eurofins Chicago

## Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization



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Authorized for release by  
Sandie Fredrick, Project Manager II  
[Sandra.Fredrick@et.eurofinsus.com](mailto:Sandra.Fredrick@et.eurofinsus.com)  
(920)261-1660



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# Case Narrative

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

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## Job ID: 500-225785-1

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### Laboratory: Eurofins Chicago

#### Narrative

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#### Job Narrative 500-225785-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 11/19/2022 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.1° C.

#### GC/MS VOA

Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. SB-03 (7.5-10) (500-225785-6)

Method 8260B: The laboratory control sample (LCS) for 686079 recovered outside control limits for Chloroethane and Bromomethane. This is a prepped 5035 LCS. All daily instrument LCSs were acceptable, and the data have been reported. SB-01 (2.5-5) (500-225785-1), SB-01 (7.5-10) (500-225785-2), SB-02 (2.5-5) (500-225785-3), SB-02 (7.5-10) (500-225785-4), SB-03 (2.5-5) (500-225785-5), SB-03 (7.5-10) (500-225785-6), SB-04 (2.5-5) (500-225785-7), SB-04 (12.5-14) (500-225785-8), SB-05 (2.5-5) (500-225785-9), SB-05 (12.5-15) (500-225785-10) and TRIP BLANK MEOH (500-225785-11)

Method 8260B: The laboratory control sample (LCS) for preparation batch 500-686079 and analytical batch 500-687630 recovered outside control limits for the following analytes: Bromomethane and Styrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 500-687630 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-01 (2.5-5) (500-225785-1), SB-01 (7.5-10) (500-225785-2), SB-02 (2.5-5) (500-225785-3), SB-02 (7.5-10) (500-225785-4), SB-03 (2.5-5) (500-225785-5), SB-03 (7.5-10) (500-225785-6), SB-04 (2.5-5) (500-225785-7), SB-04 (12.5-14) (500-225785-8), SB-05 (2.5-5) (500-225785-9), SB-05 (12.5-15) (500-225785-10) and TRIP BLANK MEOH (500-225785-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Client Sample ID: SB-01 (2.5-5)

Lab Sample ID: 500-225785-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12	J	17	9.7	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: SB-01 (7.5-10)

Lab Sample ID: 500-225785-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	11	J	30	9.8	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: SB-02 (2.5-5)

Lab Sample ID: 500-225785-3

No Detections.

## Client Sample ID: SB-02 (7.5-10)

Lab Sample ID: 500-225785-4

No Detections.

## Client Sample ID: SB-03 (2.5-5)

Lab Sample ID: 500-225785-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1800		30	9.8	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: SB-03 (7.5-10)

Lab Sample ID: 500-225785-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	44	J	86	35	ug/Kg	50	✳	8260B	Total/NA
Tetrachloroethene	67	J	86	32	ug/Kg	50	✳	8260B	Total/NA
1,1,1-Trichloroethane	79	J	86	33	ug/Kg	50	✳	8260B	Total/NA
Trichloroethene	16000		43	14	ug/Kg	50	✳	8260B	Total/NA
1,1,2-Trichlorotrifluoroethane	50	J	86	39	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: SB-04 (2.5-5)

Lab Sample ID: 500-225785-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	15	J	37	12	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: SB-04 (12.5-14)

Lab Sample ID: 500-225785-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	28	J	30	9.7	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: SB-05 (2.5-5)

Lab Sample ID: 500-225785-9

No Detections.

## Client Sample ID: SB-05 (12.5-15)

Lab Sample ID: 500-225785-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	64		60	23	ug/Kg	50	✳	8260B	Total/NA
Trichloroethene	760		30	9.8	ug/Kg	50	✳	8260B	Total/NA
1,1,2-Trichlorotrifluoroethane	44	J	60	27	ug/Kg	50	✳	8260B	Total/NA

## Client Sample ID: TRIP BLANK MEOH

Lab Sample ID: 500-225785-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Method Summary

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



# Sample Summary

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-225785-1	SB-01 (2.5-5)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-2	SB-01 (7.5-10)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-3	SB-02 (2.5-5)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-4	SB-02 (7.5-10)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-5	SB-03 (2.5-5)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-6	SB-03 (7.5-10)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-7	SB-04 (2.5-5)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-8	SB-04 (12.5-14)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-9	SB-05 (2.5-5)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-10	SB-05 (12.5-15)	Solid	11/18/22 00:00	11/19/22 09:50
500-225785-11	TRIP BLANK MEOH	Solid	11/18/22 00:00	11/19/22 09:50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-01 (2.5-5)**

**Lab Sample ID: 500-225785-1**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 86.6**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>12</b>	<b>J</b>	17	9.7	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Bromobenzene	<24		66	24	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Bromochloromethane	<28		66	28	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Bromodichloromethane	<25		66	25	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Bromoform	<32		66	32	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Bromomethane	<53	*+	200	53	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Carbon tetrachloride	<25		66	25	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Chlorobenzene	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Chloroethane	<33	*+	66	33	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Chloroform	<25		130	25	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Chloromethane	<21		66	21	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
2-Chlorotoluene	<21		66	21	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
4-Chlorotoluene	<23		66	23	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
cis-1,2-Dichloroethene	<27		66	27	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
cis-1,3-Dichloropropene	<28		66	28	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Dibromochloromethane	<32		66	32	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,2-Dibromo-3-Chloropropane	<130		330	130	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,2-Dibromoethane	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Dibromomethane	<18		66	18	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,2-Dichlorobenzene	<22		66	22	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,3-Dichlorobenzene	<27		66	27	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,4-Dichlorobenzene	<24		66	24	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Dichlorodifluoromethane	<45		200	45	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,1-Dichloroethane	<27		66	27	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,2-Dichloroethane	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,1-Dichloroethene	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,2-Dichloropropane	<28		66	28	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,3-Dichloropropane	<24		66	24	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
2,2-Dichloropropane	<29		66	29	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,1-Dichloropropene	<20		66	20	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Ethylbenzene	<12		17	12	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Hexachlorobutadiene	<30		66	30	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Isopropylbenzene	<25		66	25	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Isopropyl ether	<18		66	18	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Methylene Chloride	<110		330	110	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Methyl tert-butyl ether	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Naphthalene	<22		66	22	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
n-Butylbenzene	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
N-Propylbenzene	<27		66	27	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
p-Isopropyltoluene	<24		66	24	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
sec-Butylbenzene	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Styrene	<26	*+	66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
tert-Butylbenzene	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,1,1,2-Tetrachloroethane	<31		66	31	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
1,1,2,2-Tetrachloroethane	<26		66	26	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Tetrachloroethene	<25		66	25	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
Toluene	<9.8		17	9.8	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
trans-1,2-Dichloroethene	<23		66	23	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50
trans-1,3-Dichloropropene	<24		66	24	ug/Kg	✳	11/18/22 00:00	12/01/22 11:56	50

Eurofins Chicago

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-01 (2.5-5)**

**Lab Sample ID: 500-225785-1**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 86.6**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<30		66	30	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,2,4-Trichlorobenzene	<23		66	23	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,1,1-Trichloroethane	<25		66	25	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,1,2-Trichloroethane	<23		66	23	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
Trichloroethene	<11		33	11	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
Trichlorofluoromethane	<28		66	28	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,2,3-Trichloropropane	<27		130	27	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,1,2-Trichlorotrifluoroethane	<31		66	31	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,2,4-Trimethylbenzene	<24		66	24	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
1,3,5-Trimethylbenzene	<25		66	25	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
Vinyl chloride	<17		66	17	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50
Xylenes, Total	<15		33	15	ug/Kg	☼	11/18/22 00:00	12/01/22 11:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		72 - 124	11/18/22 00:00	12/01/22 11:56	50
Dibromofluoromethane (Surr)	95		75 - 120	11/18/22 00:00	12/01/22 11:56	50
1,2-Dichloroethane-d4 (Surr)	84		75 - 126	11/18/22 00:00	12/01/22 11:56	50
Toluene-d8 (Surr)	96		75 - 120	11/18/22 00:00	12/01/22 11:56	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-01 (7.5-10)**

**Lab Sample ID: 500-225785-2**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 90.2**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Bromobenzene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Bromochloromethane	<26		60	26	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Bromodichloromethane	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Bromoform	<29		60	29	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Bromomethane	<48	*+	180	48	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Carbon tetrachloride	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Chlorobenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Chloroethane	<30	*+	60	30	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Chloroform	<22		120	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Chloromethane	<19		60	19	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
2-Chlorotoluene	<19		60	19	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
4-Chlorotoluene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
cis-1,2-Dichloroethene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
cis-1,3-Dichloropropene	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Dibromochloromethane	<29		60	29	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,2-Dibromoethane	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Dibromomethane	<16		60	16	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,2-Dichlorobenzene	<20		60	20	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,3-Dichlorobenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,4-Dichlorobenzene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Dichlorodifluoromethane	<40		180	40	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,1-Dichloroethane	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,2-Dichloroethane	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,1-Dichloroethene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,2-Dichloropropane	<26		60	26	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,3-Dichloropropane	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
2,2-Dichloropropane	<27		60	27	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,1-Dichloropropene	<18		60	18	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Ethylbenzene	<11		15	11	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Hexachlorobutadiene	<27		60	27	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Isopropylbenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Isopropyl ether	<17		60	17	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Methylene Chloride	<98		300	98	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Naphthalene	<20		60	20	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
n-Butylbenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
N-Propylbenzene	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
p-Isopropyltoluene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
sec-Butylbenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Styrene	<23	*+	60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
tert-Butylbenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,1,1,2-Tetrachloroethane	<28		60	28	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
1,1,2,2-Tetrachloroethane	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Tetrachloroethene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
Toluene	<8.8		15	8.8	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
trans-1,2-Dichloroethene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50
trans-1,3-Dichloropropene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:20	50

Eurofins Chicago

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-01 (7.5-10)**

**Lab Sample ID: 500-225785-2**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 90.2**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<27		60	27	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,2,4-Trichlorobenzene	<20		60	20	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,1,1-Trichloroethane	<23		60	23	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,1,2-Trichloroethane	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
<b>Trichloroethene</b>	<b>11</b>	<b>J</b>	30	9.8	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
Trichlorofluoromethane	<26		60	26	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,1,2-Trichlorotrifluoroethane	<28		60	28	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
Vinyl chloride	<16		60	16	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50
Xylenes, Total	<13		30	13	ug/Kg	☼	11/18/22 00:00	12/01/22 12:20	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	11/18/22 00:00	12/01/22 12:20	50
Dibromofluoromethane (Surr)	95		75 - 120	11/18/22 00:00	12/01/22 12:20	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126	11/18/22 00:00	12/01/22 12:20	50
Toluene-d8 (Surr)	96		75 - 120	11/18/22 00:00	12/01/22 12:20	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-02 (2.5-5)**

**Lab Sample ID: 500-225785-3**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 87.0**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.9		15	8.9	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Bromobenzene	<22		61	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Bromochloromethane	<26		61	26	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Bromodichloromethane	<23		61	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Bromoform	<29		61	29	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Bromomethane	<48	*+	180	48	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Carbon tetrachloride	<23		61	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Chlorobenzene	<23		61	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Chloroethane	<31	*+	61	31	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Chloroform	<22		120	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Chloromethane	<19		61	19	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
2-Chlorotoluene	<19		61	19	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
4-Chlorotoluene	<21		61	21	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
cis-1,2-Dichloroethene	<25		61	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
cis-1,3-Dichloropropene	<25		61	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Dibromochloromethane	<30		61	30	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,2-Dibromoethane	<23		61	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Dibromomethane	<16		61	16	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,2-Dichlorobenzene	<20		61	20	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,3-Dichlorobenzene	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,4-Dichlorobenzene	<22		61	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Dichlorodifluoromethane	<41		180	41	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,1-Dichloroethane	<25		61	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,2-Dichloroethane	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,1-Dichloroethene	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,2-Dichloropropane	<26		61	26	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,3-Dichloropropane	<22		61	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
2,2-Dichloropropane	<27		61	27	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,1-Dichloropropene	<18		61	18	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Ethylbenzene	<11		15	11	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Hexachlorobutadiene	<27		61	27	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Isopropylbenzene	<23		61	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Isopropyl ether	<17		61	17	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Methylene Chloride	<99		300	99	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Methyl tert-butyl ether	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Naphthalene	<20		61	20	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
n-Butylbenzene	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
N-Propylbenzene	<25		61	25	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
p-Isopropyltoluene	<22		61	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
sec-Butylbenzene	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Styrene	<23	*+	61	23	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
tert-Butylbenzene	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,1,1,2-Tetrachloroethane	<28		61	28	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
1,1,2,2-Tetrachloroethane	<24		61	24	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Tetrachloroethene	<22		61	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
Toluene	<8.9		15	8.9	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
trans-1,2-Dichloroethene	<21		61	21	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50
trans-1,3-Dichloropropene	<22		61	22	ug/Kg	✳	11/18/22 00:00	12/01/22 12:43	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-02 (2.5-5)**

**Lab Sample ID: 500-225785-3**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 87.0**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<28		61	28	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,2,4-Trichlorobenzene	<21		61	21	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,1,1-Trichloroethane	<23		61	23	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,1,2-Trichloroethane	<21		61	21	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
Trichloroethene	<10		30	10	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
Trichlorofluoromethane	<26		61	26	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,1,2-Trichlorotrifluoroethane	<28		61	28	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,2,4-Trimethylbenzene	<22		61	22	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
1,3,5-Trimethylbenzene	<23		61	23	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
Vinyl chloride	<16		61	16	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50
Xylenes, Total	<13		30	13	ug/Kg	☼	11/18/22 00:00	12/01/22 12:43	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	11/18/22 00:00	12/01/22 12:43	50
Dibromofluoromethane (Surr)	94		75 - 120	11/18/22 00:00	12/01/22 12:43	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126	11/18/22 00:00	12/01/22 12:43	50
Toluene-d8 (Surr)	96		75 - 120	11/18/22 00:00	12/01/22 12:43	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-02 (7.5-10)**

**Lab Sample ID: 500-225785-4**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 90.6**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		18	11	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Bromobenzene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Bromochloromethane	<32		74	32	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Bromodichloromethane	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Bromoform	<36		74	36	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Bromomethane	<59	*+	220	59	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Carbon tetrachloride	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Chlorobenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Chloroethane	<37	*+	74	37	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Chloroform	<27		150	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Chloromethane	<24		74	24	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
2-Chlorotoluene	<23		74	23	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
4-Chlorotoluene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
cis-1,2-Dichloroethene	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
cis-1,3-Dichloropropene	<31		74	31	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Dibromochloromethane	<36		74	36	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2-Dibromoethane	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Dibromomethane	<20		74	20	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2-Dichlorobenzene	<25		74	25	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,3-Dichlorobenzene	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,4-Dichlorobenzene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Dichlorodifluoromethane	<50		220	50	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1-Dichloroethane	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2-Dichloroethane	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1-Dichloroethene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2-Dichloropropane	<32		74	32	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,3-Dichloropropane	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
2,2-Dichloropropane	<33		74	33	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1-Dichloropropene	<22		74	22	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Ethylbenzene	<14		18	14	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Hexachlorobutadiene	<33		74	33	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Isopropylbenzene	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Isopropyl ether	<20		74	20	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Methylene Chloride	<120		370	120	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Methyl tert-butyl ether	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Naphthalene	<25		74	25	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
n-Butylbenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
N-Propylbenzene	<31		74	31	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
p-Isopropyltoluene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
sec-Butylbenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Styrene	<29	*+	74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
tert-Butylbenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1,1,2-Tetrachloroethane	<34		74	34	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1,1,2,2-Tetrachloroethane	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Tetrachloroethene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Toluene	<11		18	11	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
trans-1,2-Dichloroethene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
trans-1,3-Dichloropropene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-02 (7.5-10)**

**Lab Sample ID: 500-225785-4**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 90.6**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		74	34	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2,4-Trichlorobenzene	<25		74	25	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1,1-Trichloroethane	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1,2-Trichloroethane	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Trichloroethene	<12		37	12	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Trichlorofluoromethane	<32		74	32	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,1,2-Trichlorotrifluoroethane	<34		74	34	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,2,4-Trimethylbenzene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
1,3,5-Trimethylbenzene	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Vinyl chloride	<19		74	19	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50
Xylenes, Total	<16		37	16	ug/Kg	☼	11/18/22 00:00	12/01/22 13:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124	11/18/22 00:00	12/01/22 13:08	50
Dibromofluoromethane (Surr)	92		75 - 120	11/18/22 00:00	12/01/22 13:08	50
1,2-Dichloroethane-d4 (Surr)	83		75 - 126	11/18/22 00:00	12/01/22 13:08	50
Toluene-d8 (Surr)	96		75 - 120	11/18/22 00:00	12/01/22 13:08	50



# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-03 (2.5-5)**

**Lab Sample ID: 500-225785-5**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 91.1**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.8		15	8.8	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Bromobenzene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Bromochloromethane	<26		60	26	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Bromodichloromethane	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Bromoform	<29		60	29	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Bromomethane	<48	*+	180	48	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Carbon tetrachloride	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Chlorobenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Chloroethane	<30	*+	60	30	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Chloroform	<22		120	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Chloromethane	<19		60	19	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
2-Chlorotoluene	<19		60	19	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
4-Chlorotoluene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
cis-1,2-Dichloroethene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
cis-1,3-Dichloropropene	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Dibromochloromethane	<29		60	29	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,2-Dibromoethane	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Dibromomethane	<16		60	16	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,2-Dichlorobenzene	<20		60	20	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,3-Dichlorobenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,4-Dichlorobenzene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Dichlorodifluoromethane	<40		180	40	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,1-Dichloroethane	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,2-Dichloroethane	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,1-Dichloroethene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,2-Dichloropropane	<26		60	26	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,3-Dichloropropane	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
2,2-Dichloropropane	<27		60	27	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,1-Dichloropropene	<18		60	18	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Ethylbenzene	<11		15	11	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Hexachlorobutadiene	<27		60	27	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Isopropylbenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Isopropyl ether	<17		60	17	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Methylene Chloride	<98		300	98	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Naphthalene	<20		60	20	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
n-Butylbenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
N-Propylbenzene	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
p-Isopropyltoluene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
sec-Butylbenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Styrene	<23	*+	60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
tert-Butylbenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,1,1,2-Tetrachloroethane	<28		60	28	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
1,1,2,2-Tetrachloroethane	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Tetrachloroethene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
Toluene	<8.8		15	8.8	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
trans-1,2-Dichloroethene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50
trans-1,3-Dichloropropene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 13:32	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-03 (2.5-5)**

**Lab Sample ID: 500-225785-5**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 91.1**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<27		60	27	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,2,4-Trichlorobenzene	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,1,1-Trichloroethane	<23		60	23	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,1,2-Trichloroethane	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
<b>Trichloroethene</b>	<b>1800</b>		30	9.8	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
Trichlorofluoromethane	<26		60	26	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,1,2-Trichlorotrifluoroethane	<28		60	28	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
Vinyl chloride	<16		60	16	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50
Xylenes, Total	<13		30	13	ug/Kg	☼	11/18/22 00:00	12/01/22 13:32	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	11/18/22 00:00	12/01/22 13:32	50
Dibromofluoromethane (Surr)	93		75 - 120	11/18/22 00:00	12/01/22 13:32	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126	11/18/22 00:00	12/01/22 13:32	50
Toluene-d8 (Surr)	95		75 - 120	11/18/22 00:00	12/01/22 13:32	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-03 (7.5-10)**

**Lab Sample ID: 500-225785-6**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 94.0**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<13		21	13	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Bromobenzene	<31		86	31	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Bromochloromethane	<37		86	37	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Bromodichloromethane	<32		86	32	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Bromoform	<42		86	42	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Bromomethane	<68	*+	260	68	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Carbon tetrachloride	<33		86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Chlorobenzene	<33		86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Chloroethane	<43	*+	86	43	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Chloroform	<32		170	32	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Chloromethane	<27		86	27	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
2-Chlorotoluene	<27		86	27	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
4-Chlorotoluene	<30		86	30	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
<b>cis-1,2-Dichloroethene</b>	<b>44</b>	<b>J</b>	86	35	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
cis-1,3-Dichloropropene	<36		86	36	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Dibromochloromethane	<42		86	42	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,2-Dibromo-3-Chloropropane	<170		430	170	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,2-Dibromoethane	<33		86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Dibromomethane	<23		86	23	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,2-Dichlorobenzene	<29		86	29	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,3-Dichlorobenzene	<34		86	34	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,4-Dichlorobenzene	<31		86	31	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Dichlorodifluoromethane	<58		260	58	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,1-Dichloroethane	<35		86	35	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,2-Dichloroethane	<34		86	34	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,1-Dichloroethene	<33		86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,2-Dichloropropane	<37		86	37	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,3-Dichloropropane	<31		86	31	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
2,2-Dichloropropane	<38		86	38	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,1-Dichloropropene	<26		86	26	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Ethylbenzene	<16		21	16	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Hexachlorobutadiene	<38		86	38	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Isopropylbenzene	<33		86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Isopropyl ether	<24		86	24	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Methylene Chloride	<140		430	140	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Methyl tert-butyl ether	<34		86	34	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Naphthalene	<29		86	29	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
n-Butylbenzene	<33		86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
N-Propylbenzene	<36		86	36	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
p-Isopropyltoluene	<31		86	31	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
sec-Butylbenzene	<34		86	34	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Styrene	<33	*+	86	33	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
tert-Butylbenzene	<34		86	34	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,1,1,2-Tetrachloroethane	<40		86	40	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
1,1,2,2-Tetrachloroethane	<34		86	34	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
<b>Tetrachloroethene</b>	<b>67</b>	<b>J</b>	86	32	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
Toluene	<13		21	13	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
trans-1,2-Dichloroethene	<30		86	30	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50
trans-1,3-Dichloropropene	<31		86	31	ug/Kg	✳	11/18/22 00:00	12/01/22 13:56	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-03 (7.5-10)**

**Lab Sample ID: 500-225785-6**

Date Collected: 11/18/22 00:00

Matrix: Solid

Date Received: 11/19/22 09:50

Percent Solids: 94.0

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<39		86	39	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
1,2,4-Trichlorobenzene	<29		86	29	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
<b>1,1,1-Trichloroethane</b>	<b>79</b>	<b>J</b>	86	33	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
1,1,2-Trichloroethane	<30		86	30	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
<b>Trichloroethene</b>	<b>16000</b>		43	14	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
Trichlorofluoromethane	<37		86	37	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
1,2,3-Trichloropropane	<36		170	36	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
<b>1,1,2-Trichlorotrifluoroethane</b>	<b>50</b>	<b>J</b>	86	39	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
1,2,4-Trimethylbenzene	<31		86	31	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
1,3,5-Trimethylbenzene	<33		86	33	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
Vinyl chloride	<22		86	22	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50
Xylenes, Total	<19		43	19	ug/Kg	☼	11/18/22 00:00	12/01/22 13:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	11/18/22 00:00	12/01/22 13:56	50
Dibromofluoromethane (Surr)	93		75 - 120	11/18/22 00:00	12/01/22 13:56	50
1,2-Dichloroethane-d4 (Surr)	90		75 - 126	11/18/22 00:00	12/01/22 13:56	50
Toluene-d8 (Surr)	95		75 - 120	11/18/22 00:00	12/01/22 13:56	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-04 (2.5-5)**

**Lab Sample ID: 500-225785-7**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 80.1**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<11		19	11	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Bromobenzene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Bromochloromethane	<32		74	32	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Bromodichloromethane	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Bromoform	<36		74	36	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Bromomethane	<59	*+	220	59	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Carbon tetrachloride	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Chlorobenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Chloroethane	<37	*+	74	37	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Chloroform	<28		150	28	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Chloromethane	<24		74	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
2-Chlorotoluene	<23		74	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
4-Chlorotoluene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
cis-1,2-Dichloroethene	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
cis-1,3-Dichloropropene	<31		74	31	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Dibromochloromethane	<36		74	36	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2-Dibromo-3-Chloropropane	<150		370	150	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2-Dibromoethane	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Dibromomethane	<20		74	20	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2-Dichlorobenzene	<25		74	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,3-Dichlorobenzene	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,4-Dichlorobenzene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Dichlorodifluoromethane	<50		220	50	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1-Dichloroethane	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2-Dichloroethane	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1-Dichloroethene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2-Dichloropropane	<32		74	32	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,3-Dichloropropane	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
2,2-Dichloropropane	<33		74	33	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1-Dichloropropene	<22		74	22	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Ethylbenzene	<14		19	14	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Hexachlorobutadiene	<33		74	33	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Isopropylbenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Isopropyl ether	<21		74	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Methylene Chloride	<120		370	120	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Methyl tert-butyl ether	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Naphthalene	<25		74	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
n-Butylbenzene	<29		74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
N-Propylbenzene	<31		74	31	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
p-Isopropyltoluene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
sec-Butylbenzene	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Styrene	<29	*+	74	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
tert-Butylbenzene	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1,1,2-Tetrachloroethane	<34		74	34	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1,2,2-Tetrachloroethane	<30		74	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Tetrachloroethene	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Toluene	<11		19	11	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
trans-1,2-Dichloroethene	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
trans-1,3-Dichloropropene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-04 (2.5-5)**

**Lab Sample ID: 500-225785-7**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 80.1**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<34		74	34	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2,4-Trichlorobenzene	<25		74	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1,1-Trichloroethane	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1,2-Trichloroethane	<26		74	26	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
<b>Trichloroethene</b>	<b>15</b>	<b>J</b>	37	12	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Trichlorofluoromethane	<32		74	32	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2,3-Trichloropropane	<31		150	31	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,1,2-Trichlorotrifluoroethane	<34		74	34	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,2,4-Trimethylbenzene	<27		74	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
1,3,5-Trimethylbenzene	<28		74	28	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Vinyl chloride	<19		74	19	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
Xylenes, Total	<16		37	16	ug/Kg	☼	11/18/22 00:00	12/01/22 14:20	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	84		72 - 124				11/18/22 00:00	12/01/22 14:20	50
Dibromofluoromethane (Surr)	91		75 - 120				11/18/22 00:00	12/01/22 14:20	50
1,2-Dichloroethane-d4 (Surr)	82		75 - 126				11/18/22 00:00	12/01/22 14:20	50
Toluene-d8 (Surr)	97		75 - 120				11/18/22 00:00	12/01/22 14:20	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-04 (12.5-14)**

**Lab Sample ID: 500-225785-8**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 88.6**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Bromobenzene	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Bromochloromethane	<25		59	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Bromodichloromethane	<22		59	22	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Bromoform	<29		59	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Bromomethane	<47	*+	180	47	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Carbon tetrachloride	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Chlorobenzene	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Chloroethane	<30	*+	59	30	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Chloroform	<22		120	22	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Chloromethane	<19		59	19	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
2-Chlorotoluene	<19		59	19	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
4-Chlorotoluene	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
cis-1,2-Dichloroethene	<24		59	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
cis-1,3-Dichloropropene	<25		59	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Dibromochloromethane	<29		59	29	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2-Dibromoethane	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Dibromomethane	<16		59	16	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2-Dichlorobenzene	<20		59	20	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,3-Dichlorobenzene	<24		59	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,4-Dichlorobenzene	<22		59	22	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Dichlorodifluoromethane	<40		180	40	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1-Dichloroethane	<24		59	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2-Dichloroethane	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1-Dichloroethene	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2-Dichloropropane	<25		59	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,3-Dichloropropane	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
2,2-Dichloropropane	<26		59	26	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1-Dichloropropene	<18		59	18	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Ethylbenzene	<11		15	11	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Hexachlorobutadiene	<26		59	26	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Isopropylbenzene	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Isopropyl ether	<16		59	16	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Methylene Chloride	<97		300	97	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Methyl tert-butyl ether	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Naphthalene	<20		59	20	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
n-Butylbenzene	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
N-Propylbenzene	<25		59	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
p-Isopropyltoluene	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
sec-Butylbenzene	<24		59	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Styrene	<23	*+	59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
tert-Butylbenzene	<24		59	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1,1,2-Tetrachloroethane	<27		59	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1,2,2-Tetrachloroethane	<24		59	24	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Tetrachloroethene	<22		59	22	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Toluene	<8.7		15	8.7	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
trans-1,2-Dichloroethene	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
trans-1,3-Dichloropropene	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-04 (12.5-14)**

**Lab Sample ID: 500-225785-8**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 88.6**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<27		59	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2,4-Trichlorobenzene	<20		59	20	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1,1-Trichloroethane	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1,2-Trichloroethane	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
<b>Trichloroethene</b>	<b>28</b>	<b>J</b>	30	9.7	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Trichlorofluoromethane	<25		59	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,1,2-Trichlorotrifluoroethane	<27		59	27	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,2,4-Trimethylbenzene	<21		59	21	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
1,3,5-Trimethylbenzene	<23		59	23	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Vinyl chloride	<16		59	16	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50
Xylenes, Total	<13		30	13	ug/Kg	☼	11/18/22 00:00	12/01/22 14:44	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124	11/18/22 00:00	12/01/22 14:44	50
Dibromofluoromethane (Surr)	92		75 - 120	11/18/22 00:00	12/01/22 14:44	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126	11/18/22 00:00	12/01/22 14:44	50
Toluene-d8 (Surr)	94		75 - 120	11/18/22 00:00	12/01/22 14:44	50



# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-05 (2.5-5)**

**Lab Sample ID: 500-225785-9**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 89.5**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<9.9		17	9.9	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Bromobenzene	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Bromochloromethane	<29		68	29	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Bromodichloromethane	<25		68	25	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Bromoform	<33		68	33	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Bromomethane	<54	*+	200	54	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Carbon tetrachloride	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Chlorobenzene	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Chloroethane	<34	*+	68	34	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Chloroform	<25		140	25	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Chloromethane	<22		68	22	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
2-Chlorotoluene	<21		68	21	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
4-Chlorotoluene	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
cis-1,2-Dichloroethene	<28		68	28	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
cis-1,3-Dichloropropene	<28		68	28	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Dibromochloromethane	<33		68	33	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2-Dibromo-3-Chloropropane	<130		340	130	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2-Dibromoethane	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Dibromomethane	<18		68	18	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2-Dichlorobenzene	<23		68	23	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,3-Dichlorobenzene	<27		68	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,4-Dichlorobenzene	<25		68	25	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Dichlorodifluoromethane	<46		200	46	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1-Dichloroethane	<28		68	28	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2-Dichloroethane	<27		68	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1-Dichloroethene	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2-Dichloropropane	<29		68	29	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,3-Dichloropropane	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
2,2-Dichloropropane	<30		68	30	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1-Dichloropropene	<20		68	20	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Ethylbenzene	<12		17	12	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Hexachlorobutadiene	<30		68	30	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Isopropylbenzene	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Isopropyl ether	<19		68	19	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Methylene Chloride	<110		340	110	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Methyl tert-butyl ether	<27		68	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Naphthalene	<23		68	23	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
n-Butylbenzene	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
N-Propylbenzene	<28		68	28	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
p-Isopropyltoluene	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
sec-Butylbenzene	<27		68	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Styrene	<26	*+	68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
tert-Butylbenzene	<27		68	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1,1,2-Tetrachloroethane	<31		68	31	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1,1,2,2-Tetrachloroethane	<27		68	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Tetrachloroethene	<25		68	25	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Toluene	<9.9		17	9.9	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
trans-1,2-Dichloroethene	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
trans-1,3-Dichloropropene	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-05 (2.5-5)**

**Lab Sample ID: 500-225785-9**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 89.5**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<31		68	31	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2,4-Trichlorobenzene	<23		68	23	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1,1-Trichloroethane	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1,2-Trichloroethane	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Trichloroethene	<11		34	11	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Trichlorofluoromethane	<29		68	29	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2,3-Trichloropropane	<28		140	28	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,1,2-Trichlorotrifluoroethane	<31		68	31	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,2,4-Trimethylbenzene	<24		68	24	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
1,3,5-Trimethylbenzene	<26		68	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Vinyl chloride	<18		68	18	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50
Xylenes, Total	<15		34	15	ug/Kg	☼	11/18/22 00:00	12/01/22 15:07	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	11/18/22 00:00	12/01/22 15:07	50
Dibromofluoromethane (Surr)	94		75 - 120	11/18/22 00:00	12/01/22 15:07	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126	11/18/22 00:00	12/01/22 15:07	50
Toluene-d8 (Surr)	97		75 - 120	11/18/22 00:00	12/01/22 15:07	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-05 (12.5-15)**

**Lab Sample ID: 500-225785-10**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 91.1**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<8.7		15	8.7	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Bromobenzene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Bromochloromethane	<26		60	26	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Bromodichloromethane	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Bromoform	<29		60	29	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Bromomethane	<48	*+	180	48	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Carbon tetrachloride	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Chlorobenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Chloroethane	<30	*+	60	30	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Chloroform	<22		120	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Chloromethane	<19		60	19	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
2-Chlorotoluene	<19		60	19	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
4-Chlorotoluene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
cis-1,2-Dichloroethene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
cis-1,3-Dichloropropene	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Dibromochloromethane	<29		60	29	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,2-Dibromo-3-Chloropropane	<120		300	120	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,2-Dibromoethane	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Dibromomethane	<16		60	16	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,2-Dichlorobenzene	<20		60	20	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,3-Dichlorobenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,4-Dichlorobenzene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Dichlorodifluoromethane	<40		180	40	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,1-Dichloroethane	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,2-Dichloroethane	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,1-Dichloroethene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,2-Dichloropropane	<26		60	26	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,3-Dichloropropane	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
2,2-Dichloropropane	<27		60	27	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,1-Dichloropropene	<18		60	18	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Ethylbenzene	<11		15	11	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Hexachlorobutadiene	<27		60	27	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Isopropylbenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Isopropyl ether	<16		60	16	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Methylene Chloride	<97		300	97	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Methyl tert-butyl ether	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Naphthalene	<20		60	20	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
n-Butylbenzene	<23		60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
N-Propylbenzene	<25		60	25	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
p-Isopropyltoluene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
sec-Butylbenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Styrene	<23	*+	60	23	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
tert-Butylbenzene	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,1,1,2-Tetrachloroethane	<28		60	28	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
1,1,2,2-Tetrachloroethane	<24		60	24	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Tetrachloroethene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
Toluene	<8.8		15	8.8	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
trans-1,2-Dichloroethene	<21		60	21	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50
trans-1,3-Dichloropropene	<22		60	22	ug/Kg	✳	11/18/22 00:00	12/01/22 15:31	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-05 (12.5-15)**

**Lab Sample ID: 500-225785-10**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Percent Solids: 91.1**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<27		60	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
1,2,4-Trichlorobenzene	<20		60	20	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
<b>1,1,1-Trichloroethane</b>	<b>64</b>		60	23	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
1,1,2-Trichloroethane	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
<b>Trichloroethene</b>	<b>760</b>		30	9.8	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
Trichlorofluoromethane	<26		60	26	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
1,2,3-Trichloropropane	<25		120	25	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
<b>1,1,2-Trichlorotrifluoroethane</b>	<b>44 J</b>		60	27	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
1,2,4-Trimethylbenzene	<21		60	21	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
1,3,5-Trimethylbenzene	<23		60	23	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
Vinyl chloride	<16		60	16	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50
Xylenes, Total	<13		30	13	ug/Kg	☼	11/18/22 00:00	12/01/22 15:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 124	11/18/22 00:00	12/01/22 15:31	50
Dibromofluoromethane (Surr)	92		75 - 120	11/18/22 00:00	12/01/22 15:31	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126	11/18/22 00:00	12/01/22 15:31	50
Toluene-d8 (Surr)	95		75 - 120	11/18/22 00:00	12/01/22 15:31	50

# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: TRIP BLANK MEOH**

**Lab Sample ID: 500-225785-11**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<7.3		13	7.3	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Bromobenzene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Bromochloromethane	<21		50	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Bromodichloromethane	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Bromoform	<24		50	24	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Bromomethane	<40	*+	150	40	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Carbon tetrachloride	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Chlorobenzene	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Chloroethane	<25	*+	50	25	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Chloroform	<19		100	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Chloromethane	<16		50	16	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
2-Chlorotoluene	<16		50	16	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
4-Chlorotoluene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Dibromochloromethane	<24		50	24	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2-Dibromoethane	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Dibromomethane	<14		50	14	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1-Dichloroethane	<21		50	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2-Dichloroethane	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1-Dichloroethene	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2-Dichloropropane	<21		50	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,3-Dichloropropane	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
2,2-Dichloropropane	<22		50	22	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1-Dichloropropene	<15		50	15	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Hexachlorobutadiene	<22		50	22	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Isopropylbenzene	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Isopropyl ether	<14		50	14	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Methylene Chloride	<82		250	82	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Naphthalene	<17		50	17	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
n-Butylbenzene	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
N-Propylbenzene	<21		50	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
p-Isopropyltoluene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
sec-Butylbenzene	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Styrene	<19	*+	50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
tert-Butylbenzene	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Tetrachloroethene	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Toluene	<7.4		13	7.4	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50

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# Client Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: TRIP BLANK MEOH**

**Lab Sample ID: 500-225785-11**

**Date Collected: 11/18/22 00:00**

**Matrix: Solid**

**Date Received: 11/19/22 09:50**

**Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Trichloroethene	<8.2		25	8.2	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Trichlorofluoromethane	<21		50	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,1,2-Trichlorotrifluoroethane	<23		50	23	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Vinyl chloride	<13		50	13	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
Xylenes, Total	<11		25	11	ug/Kg		11/18/22 00:00	12/01/22 15:55	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	83		72 - 124				11/18/22 00:00	12/01/22 15:55	50
Dibromofluoromethane (Surr)	92		75 - 120				11/18/22 00:00	12/01/22 15:55	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126				11/18/22 00:00	12/01/22 15:55	50
Toluene-d8 (Surr)	96		75 - 120				11/18/22 00:00	12/01/22 15:55	50

# Definitions/Glossary

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# QC Association Summary

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## GC/MS VOA

### Prep Batch: 686079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225785-1	SB-01 (2.5-5)	Total/NA	Solid	5035	
500-225785-2	SB-01 (7.5-10)	Total/NA	Solid	5035	
500-225785-3	SB-02 (2.5-5)	Total/NA	Solid	5035	
500-225785-4	SB-02 (7.5-10)	Total/NA	Solid	5035	
500-225785-5	SB-03 (2.5-5)	Total/NA	Solid	5035	
500-225785-6	SB-03 (7.5-10)	Total/NA	Solid	5035	
500-225785-7	SB-04 (2.5-5)	Total/NA	Solid	5035	
500-225785-8	SB-04 (12.5-14)	Total/NA	Solid	5035	
500-225785-9	SB-05 (2.5-5)	Total/NA	Solid	5035	
500-225785-10	SB-05 (12.5-15)	Total/NA	Solid	5035	
500-225785-11	TRIP BLANK MEOH	Total/NA	Solid	5035	
LB3 500-686079/12-A	Method Blank	Total/NA	Solid	5035	
LCS 500-686079/13-A	Lab Control Sample	Total/NA	Solid	5035	

### Analysis Batch: 687630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225785-1	SB-01 (2.5-5)	Total/NA	Solid	8260B	686079
500-225785-2	SB-01 (7.5-10)	Total/NA	Solid	8260B	686079
500-225785-3	SB-02 (2.5-5)	Total/NA	Solid	8260B	686079
500-225785-4	SB-02 (7.5-10)	Total/NA	Solid	8260B	686079
500-225785-5	SB-03 (2.5-5)	Total/NA	Solid	8260B	686079
500-225785-6	SB-03 (7.5-10)	Total/NA	Solid	8260B	686079
500-225785-7	SB-04 (2.5-5)	Total/NA	Solid	8260B	686079
500-225785-8	SB-04 (12.5-14)	Total/NA	Solid	8260B	686079
500-225785-9	SB-05 (2.5-5)	Total/NA	Solid	8260B	686079
500-225785-10	SB-05 (12.5-15)	Total/NA	Solid	8260B	686079
500-225785-11	TRIP BLANK MEOH	Total/NA	Solid	8260B	686079
LB3 500-686079/12-A	Method Blank	Total/NA	Solid	8260B	686079
MB 500-687630/6	Method Blank	Total/NA	Solid	8260B	
LCS 500-686079/13-A	Lab Control Sample	Total/NA	Solid	8260B	686079
LCS 500-687630/4	Lab Control Sample	Total/NA	Solid	8260B	

## General Chemistry

### Analysis Batch: 687530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225785-1	SB-01 (2.5-5)	Total/NA	Solid	Moisture	
500-225785-2	SB-01 (7.5-10)	Total/NA	Solid	Moisture	
500-225785-3	SB-02 (2.5-5)	Total/NA	Solid	Moisture	
500-225785-4	SB-02 (7.5-10)	Total/NA	Solid	Moisture	

### Analysis Batch: 687533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-225785-5	SB-03 (2.5-5)	Total/NA	Solid	Moisture	
500-225785-6	SB-03 (7.5-10)	Total/NA	Solid	Moisture	
500-225785-7	SB-04 (2.5-5)	Total/NA	Solid	Moisture	
500-225785-8	SB-04 (12.5-14)	Total/NA	Solid	Moisture	
500-225785-9	SB-05 (2.5-5)	Total/NA	Solid	Moisture	
500-225785-10	SB-05 (12.5-15)	Total/NA	Solid	Moisture	
500-225785-5 DU	SB-03 (2.5-5)	Total/NA	Solid	Moisture	



# Surrogate Summary

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

**Matrix: Solid**

**Prep Type: Total/NA**

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-225785-1	SB-01 (2.5-5)	81	95	84	96
500-225785-2	SB-01 (7.5-10)	84	95	83	96
500-225785-3	SB-02 (2.5-5)	83	94	86	96
500-225785-4	SB-02 (7.5-10)	85	92	83	96
500-225785-5	SB-03 (2.5-5)	84	93	86	95
500-225785-6	SB-03 (7.5-10)	84	93	90	95
500-225785-7	SB-04 (2.5-5)	84	91	82	97
500-225785-8	SB-04 (12.5-14)	84	92	87	94
500-225785-9	SB-05 (2.5-5)	83	94	86	97
500-225785-10	SB-05 (12.5-15)	82	92	87	95
500-225785-11	TRIP BLANK MEOH	83	92	87	96
LB3 500-686079/12-A	Method Blank	83	91	86	96
LCS 500-686079/13-A	Lab Control Sample	75	93	84	95
LCS 500-687630/4	Lab Control Sample	72	94	81	96
MB 500-687630/6	Method Blank	85	95	88	95

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: LB3 500-686079/12-A**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 686079**

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<7.3		13	7.3	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Bromobenzene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Bromochloromethane	<21		50	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Bromodichloromethane	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Bromoform	<24		50	24	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Bromomethane	<40		150	40	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Carbon tetrachloride	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Chlorobenzene	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Chloroethane	<25		50	25	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Chloroform	<19		100	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Chloromethane	<16		50	16	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
2-Chlorotoluene	<16		50	16	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
4-Chlorotoluene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Dibromochloromethane	<24		50	24	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2-Dibromoethane	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Dibromomethane	<14		50	14	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1-Dichloroethane	<21		50	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2-Dichloroethane	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1-Dichloroethene	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2-Dichloropropane	<21		50	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,3-Dichloropropane	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
2,2-Dichloropropane	<22		50	22	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1-Dichloropropene	<15		50	15	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Hexachlorobutadiene	<22		50	22	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Isopropylbenzene	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Isopropyl ether	<14		50	14	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Methylene Chloride	<82		250	82	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Naphthalene	<17		50	17	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
n-Butylbenzene	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
N-Propylbenzene	<21		50	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
p-Isopropyltoluene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
sec-Butylbenzene	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Styrene	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
tert-Butylbenzene	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Tetrachloroethene	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Toluene	<7.4		13	7.4	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50

# QC Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LB3 500-686079/12-A**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 686079**

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Trichloroethene	<8.2		25	8.2	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Trichlorofluoromethane	<21		50	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,1,2-Trichlorotrifluoroethane	<23		50	23	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Vinyl chloride	<13		50	13	ug/Kg		11/20/22 13:30	12/01/22 16:19	50
Xylenes, Total	<11		25	11	ug/Kg		11/20/22 13:30	12/01/22 16:19	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124	11/20/22 13:30	12/01/22 16:19	50
Dibromofluoromethane (Surr)	91		75 - 120	11/20/22 13:30	12/01/22 16:19	50
1,2-Dichloroethane-d4 (Surr)	86		75 - 126	11/20/22 13:30	12/01/22 16:19	50
Toluene-d8 (Surr)	96		75 - 120	11/20/22 13:30	12/01/22 16:19	50

**Lab Sample ID: LCS 500-686079/13-A**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 686079**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500	2340		ug/Kg		94	70 - 120
Bromobenzene	2500	2130		ug/Kg		85	70 - 122
Bromochloromethane	2500	2450		ug/Kg		98	65 - 122
Bromodichloromethane	2500	2220		ug/Kg		89	69 - 120
Bromoform	2500	2100		ug/Kg		84	56 - 132
Bromomethane	2500	5810	*+	ug/Kg		232	40 - 152
Carbon tetrachloride	2500	2340		ug/Kg		94	59 - 133
Chlorobenzene	2500	2410		ug/Kg		96	70 - 120
Chloroethane	2500	4790	*+	ug/Kg		192	48 - 136
Chloroform	2500	2220		ug/Kg		89	70 - 120
Chloromethane	2500	2080		ug/Kg		83	56 - 152
2-Chlorotoluene	2500	2030		ug/Kg		81	70 - 125
4-Chlorotoluene	2500	2240		ug/Kg		90	68 - 124
cis-1,2-Dichloroethene	2500	2430		ug/Kg		97	70 - 125
cis-1,3-Dichloropropene	2500	2090		ug/Kg		83	64 - 127
Dibromochloromethane	2500	2240		ug/Kg		89	68 - 125
1,2-Dibromo-3-Chloropropane	2500	1630		ug/Kg		65	56 - 123
1,2-Dibromoethane	2500	2280		ug/Kg		91	70 - 125
Dibromomethane	2500	2390		ug/Kg		96	70 - 120
1,2-Dichlorobenzene	2500	2420		ug/Kg		97	70 - 125
1,3-Dichlorobenzene	2500	2290		ug/Kg		91	70 - 125
1,4-Dichlorobenzene	2500	2400		ug/Kg		96	70 - 120
Dichlorodifluoromethane	2500	1170		ug/Kg		47	40 - 159

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# QC Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-686079/13-A**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 686079**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	2500	2280		ug/Kg		91	70 - 125
1,2-Dichloroethane	2500	2280		ug/Kg		91	68 - 127
1,1-Dichloroethene	2500	2280		ug/Kg		91	67 - 122
1,2-Dichloropropane	2500	2290		ug/Kg		92	67 - 130
1,3-Dichloropropane	2500	2250		ug/Kg		90	62 - 136
2,2-Dichloropropane	2500	2320		ug/Kg		93	58 - 139
1,1-Dichloropropene	2500	2280		ug/Kg		91	70 - 121
Ethylbenzene	2500	2500		ug/Kg		100	70 - 123
Hexachlorobutadiene	2500	1350		ug/Kg		54	51 - 150
Isopropylbenzene	2500	2160		ug/Kg		86	70 - 126
Methylene Chloride	2500	2360		ug/Kg		94	69 - 125
Methyl tert-butyl ether	2500	2180		ug/Kg		87	55 - 123
Naphthalene	2500	1960		ug/Kg		78	53 - 144
n-Butylbenzene	2500	2400		ug/Kg		96	68 - 125
N-Propylbenzene	2500	2200		ug/Kg		88	69 - 127
p-Isopropyltoluene	2500	2460		ug/Kg		98	70 - 125
sec-Butylbenzene	2500	2390		ug/Kg		96	70 - 123
Styrene	2500	2720		ug/Kg		109	70 - 120
tert-Butylbenzene	2500	2290		ug/Kg		91	70 - 121
1,1,1,2-Tetrachloroethane	2500	2190		ug/Kg		88	70 - 125
1,1,1,2,2-Tetrachloroethane	2500	2080		ug/Kg		83	62 - 140
Tetrachloroethene	2500	2220		ug/Kg		89	70 - 128
Toluene	2500	2500		ug/Kg		100	70 - 125
trans-1,2-Dichloroethene	2500	2490		ug/Kg		100	70 - 125
trans-1,3-Dichloropropene	2500	2190		ug/Kg		88	62 - 128
1,2,3-Trichlorobenzene	2500	1560		ug/Kg		63	51 - 145
1,2,4-Trichlorobenzene	2500	1700		ug/Kg		68	57 - 137
1,1,1-Trichloroethane	2500	2310		ug/Kg		93	70 - 125
1,1,2-Trichloroethane	2500	2290		ug/Kg		92	71 - 130
Trichloroethene	2500	2460		ug/Kg		99	70 - 125
Trichlorofluoromethane	2500	2290		ug/Kg		92	55 - 128
1,2,3-Trichloropropane	2500	2090		ug/Kg		83	50 - 133
1,1,2-Trichlorotrifluoroethane	2500	2370		ug/Kg		95	70 - 123
1,2,4-Trimethylbenzene	2500	2320		ug/Kg		93	70 - 123
1,3,5-Trimethylbenzene	2500	2340		ug/Kg		93	70 - 123
Vinyl chloride	2500	2130		ug/Kg		85	64 - 126
Xylenes, Total	5000	4840		ug/Kg		97	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		72 - 124
Dibromofluoromethane (Surr)	93		75 - 120
1,2-Dichloroethane-d4 (Surr)	84		75 - 126
Toluene-d8 (Surr)	95		75 - 120

# QC Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-687630/6**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.25	0.15	ug/Kg			12/01/22 10:57	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			12/01/22 10:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			12/01/22 10:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/Kg			12/01/22 10:57	1
Bromoform	<0.48		1.0	0.48	ug/Kg			12/01/22 10:57	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			12/01/22 10:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			12/01/22 10:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			12/01/22 10:57	1
Chloroform	<0.37		2.0	0.37	ug/Kg			12/01/22 10:57	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			12/01/22 10:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			12/01/22 10:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			12/01/22 10:57	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			12/01/22 10:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			12/01/22 10:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			12/01/22 10:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			12/01/22 10:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			12/01/22 10:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			12/01/22 10:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			12/01/22 10:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			12/01/22 10:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			12/01/22 10:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			12/01/22 10:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			12/01/22 10:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			12/01/22 10:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			12/01/22 10:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			12/01/22 10:57	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			12/01/22 10:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			12/01/22 10:57	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			12/01/22 10:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			12/01/22 10:57	1
Methylene Chloride	3.56	J	5.0	1.6	ug/Kg			12/01/22 10:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			12/01/22 10:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			12/01/22 10:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			12/01/22 10:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			12/01/22 10:57	1
Styrene	<0.39		1.0	0.39	ug/Kg			12/01/22 10:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			12/01/22 10:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			12/01/22 10:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			12/01/22 10:57	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			12/01/22 10:57	1
Toluene	<0.15		0.25	0.15	ug/Kg			12/01/22 10:57	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			12/01/22 10:57	1

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# QC Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-687630/6**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			12/01/22 10:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			12/01/22 10:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			12/01/22 10:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			12/01/22 10:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			12/01/22 10:57	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			12/01/22 10:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			12/01/22 10:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			12/01/22 10:57	1
1,1,2-Trichlorotrifluoroethane	<0.46		1.0	0.46	ug/Kg			12/01/22 10:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			12/01/22 10:57	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			12/01/22 10:57	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			12/01/22 10:57	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			12/01/22 10:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		12/01/22 10:57	1
Dibromofluoromethane (Surr)	95		75 - 120		12/01/22 10:57	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126		12/01/22 10:57	1
Toluene-d8 (Surr)	95		75 - 120		12/01/22 10:57	1

**Lab Sample ID: LCS 500-687630/4**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	53.1		ug/Kg		106	70 - 120
Bromobenzene	50.0	46.5		ug/Kg		93	70 - 122
Bromochloromethane	50.0	57.7		ug/Kg		115	65 - 122
Bromodichloromethane	50.0	52.9		ug/Kg		106	69 - 120
Bromoform	50.0	59.9		ug/Kg		120	56 - 132
Bromomethane	50.0	93.6	*+	ug/Kg		187	40 - 152
Carbon tetrachloride	50.0	60.1		ug/Kg		120	59 - 133
Chlorobenzene	50.0	55.0		ug/Kg		110	70 - 120
Chloroethane	50.0	54.5		ug/Kg		109	48 - 136
Chloroform	50.0	51.7		ug/Kg		103	70 - 120
Chloromethane	50.0	54.0		ug/Kg		108	56 - 152
2-Chlorotoluene	50.0	45.0		ug/Kg		90	70 - 125
4-Chlorotoluene	50.0	50.2		ug/Kg		100	68 - 124
cis-1,2-Dichloroethene	50.0	55.8		ug/Kg		112	70 - 125
cis-1,3-Dichloropropene	50.0	48.8		ug/Kg		98	64 - 127
Dibromochloromethane	50.0	57.7		ug/Kg		115	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	38.5		ug/Kg		77	56 - 123
1,2-Dibromoethane	50.0	52.1		ug/Kg		104	70 - 125
Dibromomethane	50.0	52.5		ug/Kg		105	70 - 120
1,2-Dichlorobenzene	50.0	53.6		ug/Kg		107	70 - 125
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	70 - 125
1,4-Dichlorobenzene	50.0	53.8		ug/Kg		108	70 - 120
Dichlorodifluoromethane	50.0	36.1		ug/Kg		72	40 - 159

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# QC Sample Results

Client: TRC Environmental Corporation  
 Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-687630/4**  
**Matrix: Solid**  
**Analysis Batch: 687630**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	50.0	53.2		ug/Kg		106	70 - 125
1,2-Dichloroethane	50.0	51.0		ug/Kg		102	68 - 127
1,1-Dichloroethene	50.0	53.6		ug/Kg		107	67 - 122
1,2-Dichloropropane	50.0	52.0		ug/Kg		104	67 - 130
1,3-Dichloropropane	50.0	49.1		ug/Kg		98	62 - 136
2,2-Dichloropropane	50.0	63.7		ug/Kg		127	58 - 139
1,1-Dichloropropene	50.0	53.1		ug/Kg		106	70 - 121
Ethylbenzene	50.0	57.2		ug/Kg		114	70 - 123
Hexachlorobutadiene	50.0	29.9		ug/Kg		60	51 - 150
Isopropylbenzene	50.0	47.8		ug/Kg		96	70 - 126
Methylene Chloride	50.0	54.6		ug/Kg		109	69 - 125
Methyl tert-butyl ether	50.0	49.3		ug/Kg		99	55 - 123
Naphthalene	50.0	41.8		ug/Kg		84	53 - 144
n-Butylbenzene	50.0	54.6		ug/Kg		109	68 - 125
N-Propylbenzene	50.0	48.9		ug/Kg		98	69 - 127
p-Isopropyltoluene	50.0	55.9		ug/Kg		112	70 - 125
sec-Butylbenzene	50.0	54.0		ug/Kg		108	70 - 123
Styrene	50.0	62.5	*+	ug/Kg		125	70 - 120
tert-Butylbenzene	50.0	50.5		ug/Kg		101	70 - 121
1,1,1,2-Tetrachloroethane	50.0	54.7		ug/Kg		109	70 - 125
1,1,2,2-Tetrachloroethane	50.0	45.2		ug/Kg		90	62 - 140
Tetrachloroethene	50.0	52.1		ug/Kg		104	70 - 128
Toluene	50.0	57.4		ug/Kg		115	70 - 125
trans-1,2-Dichloroethene	50.0	57.5		ug/Kg		115	70 - 125
trans-1,3-Dichloropropene	50.0	50.2		ug/Kg		100	62 - 128
1,2,3-Trichlorobenzene	50.0	34.2		ug/Kg		68	51 - 145
1,2,4-Trichlorobenzene	50.0	38.2		ug/Kg		76	57 - 137
1,1,1-Trichloroethane	50.0	54.8		ug/Kg		110	70 - 125
1,1,2-Trichloroethane	50.0	51.3		ug/Kg		103	71 - 130
Trichloroethene	50.0	58.2		ug/Kg		116	70 - 125
Trichlorofluoromethane	50.0	46.4		ug/Kg		93	55 - 128
1,2,3-Trichloropropane	50.0	44.7		ug/Kg		89	50 - 133
1,1,2-Trichlorotrifluoroethane	50.0	55.9		ug/Kg		112	70 - 123
1,2,4-Trimethylbenzene	50.0	53.2		ug/Kg		106	70 - 123
1,3,5-Trimethylbenzene	50.0	52.4		ug/Kg		105	70 - 123
Vinyl chloride	50.0	52.9		ug/Kg		106	64 - 126
Xylenes, Total	100	112		ug/Kg		112	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	72		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120
1,2-Dichloroethane-d4 (Surr)	81		75 - 126
Toluene-d8 (Surr)	96		75 - 120

# Lab Chronicle

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

**Client Sample ID: SB-01 (2.5-5)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-1**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687530	LWN	EET CHI	11/30/22 11:45

**Client Sample ID: SB-01 (2.5-5)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-1**  
**Matrix: Solid**  
**Percent Solids: 86.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 11:56

**Client Sample ID: SB-01 (7.5-10)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-2**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687530	LWN	EET CHI	11/30/22 11:45

**Client Sample ID: SB-01 (7.5-10)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-2**  
**Matrix: Solid**  
**Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 12:20

**Client Sample ID: SB-02 (2.5-5)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-3**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687530	LWN	EET CHI	11/30/22 11:45

**Client Sample ID: SB-02 (2.5-5)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-3**  
**Matrix: Solid**  
**Percent Solids: 87.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 12:43

**Client Sample ID: SB-02 (7.5-10)**  
**Date Collected: 11/18/22 00:00**  
**Date Received: 11/19/22 09:50**

**Lab Sample ID: 500-225785-4**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687530	LWN	EET CHI	11/30/22 11:45

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# Lab Chronicle

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Client Sample ID: SB-02 (7.5-10)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-4

Matrix: Solid

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 13:08

## Client Sample ID: SB-03 (2.5-5)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687533	LWN	EET CHI	11/30/22 12:30

## Client Sample ID: SB-03 (2.5-5)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-5

Matrix: Solid

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 13:32

## Client Sample ID: SB-03 (7.5-10)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687533	LWN	EET CHI	11/30/22 12:30

## Client Sample ID: SB-03 (7.5-10)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-6

Matrix: Solid

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 13:56

## Client Sample ID: SB-04 (2.5-5)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687533	LWN	EET CHI	11/30/22 12:30

# Lab Chronicle

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Client Sample ID: SB-04 (2.5-5)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-7

Matrix: Solid

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 14:20

## Client Sample ID: SB-04 (12.5-14)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687533	LWN	EET CHI	11/30/22 12:30

## Client Sample ID: SB-04 (12.5-14)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-8

Matrix: Solid

Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 14:44

## Client Sample ID: SB-05 (2.5-5)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687533	LWN	EET CHI	11/30/22 12:30

## Client Sample ID: SB-05 (2.5-5)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-9

Matrix: Solid

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 15:07

## Client Sample ID: SB-05 (12.5-15)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	687533	LWN	EET CHI	11/30/22 12:30

# Lab Chronicle

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Client Sample ID: SB-05 (12.5-15)

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-10

Matrix: Solid

Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 15:31

## Client Sample ID: TRIP BLANK MEOH

Date Collected: 11/18/22 00:00

Date Received: 11/19/22 09:50

## Lab Sample ID: 500-225785-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			686079	WRE	EET CHI	11/18/22 00:00
Total/NA	Analysis	8260B		50	687630	W1T	EET CHI	12/01/22 15:55

### Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Accreditation/Certification Summary

Client: TRC Environmental Corporation  
Project/Site: Village of Grafton 459265.0000.0000

Job ID: 500-225785-1

## Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

**Eurofins Chicago**

2417 Bond Street  
University Park IL 60484  
Phone 708-534 5200 Fax 708-534-5211

**Chain of Custody Record**

eurofins

E U Te

<b>Client Information</b>		Sampler: <u>S. Litwin</u>		Lab PM: Fredrick Sande		Carrier Tracking No(s)		COC No: 500-107172-45405 1	
Client Contact: Scott Litwin		Phone: (414) 391-7345		E-Mail: Sarora.Fredrick@et.eurofins.com		State of Origin		Page 1 of 1	
Company: TRC Environmental Corporation		PWSID		Analysis Requested		Job #: <u>500-225785</u>		<b>Preservation Codes</b> A HCL M Hexane B NaOH N None C Zn Acetate P Na2O4S D Nitric Acid Q Na2SO3 E NaHSO4 R Na2S2O3 F MeOH S H2S 14 G Ancho. T TSP Dodecahydrate H Ascorbi. Aurd U Acetone I Ice v MCAA DI Water W pH 4-5 h EDTA Y T.zma L EDA Z other specify Other:	
Address: 6737 W Washington St. Suite 2100		Due Date Requested							
City: West Allis		TAT Requested (days): <u>10</u>							
State Zip: WI 53214		Compliance Project Δ Yes Δ No							
Phone: 500-225785 COC		PC #: 190058		Field Filtered Sample (Yes or No) Perform MS/MS D (Yes or No) 8280B VOC + 1,1,2-Trichloro-Ethene		Total Number of Containers		<b>Special Instructions/Note</b>	
Email: slitwin@trccompanies.com		WVO #							
Project Name: Village of Grafton		Project #: 50018730							
SSOW#		SSOW#							
<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C=Comp, G=grab)</b>		<b>Matrix (W=water, S=solid, O=waste/soil, BT=Tristite, A=Air)</b>	
								<b>Preservation Code</b>	
1	SB-01 (2.5-5)	11/18/22							X
2	SB-01 (7.5-10)								X
3	SB-02 (2.5-5)								X
4	SB-02 (7.5-10)								X
5	SB-03 (2.5-5)								X
6	SB-03 (7.5-10)								X
7	SB-04 (2.5-5)								X
8	SB-04 (12.5-14)								X
9	SB-05 (2.5-5)								X
10	SB-05 (12.5-15)								X
11	TRIP ISLAND MECH								F
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested I II III IV Other (specify)					Special Instructions/QC Requirements				
Empty Kit Relinquished by		Date		Time		Method of Shipment			
Relinquished by: <u>[Signature]</u>		Date/Time: 11/18/22 1400		Company: TRC		Received by: <u>[Signature]</u>		Date/Time: 11/19/22 0950	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact Δ Yes Δ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>5.1-7.41</u>					

## Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-225785-1

**Login Number: 225785**

**List Number: 1**

**Creator: Scott, Sherri L**

**List Source: Eurofins Chicago**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	