July 5, 2022

Ms. Cindy Koepke
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg WI 53711

RE: May 2022 Groundwater Quality Monitoring Results
Refuse Hideaway Landfill
WDNR License #01953, WDNR Facility #113112010

Dear Ms. Koepke:

This letter summarizes the semi-annual May 2022 groundwater quality monitoring results for the Refuse Hideaway Landfill (the Landfill) located at 7562 USH 14, Middleton, Wisconsin. The Landfill is located in the southwest quarter of the northwest quarter, Section 8, Township 7 North, Range 8 East, Dane County, Wisconsin (Figure 1).

Cedar Corporation (Cedar) collected groundwater samples from 48 Landfill monitoring well locations on May 24 through May 31, 2022 (reference Figure 2 – Monitoring Well Locations). The samples were collected in accordance with the Wisconsin Department of Natural Resources (WDNR) guidance Groundwater Sampling Desk Reference (September 1996) and were submitted to Eurofins Test America in University Park, Illinois, for analysis of volatile organic compounds (VOCs).

Cedar collected depth to groundwater measurements at each of the groundwater monitoring wells at the Landfill prior to sampling. Groundwater elevations can be referenced on Table 1 – Groundwater Elevations in Attachment A. Groundwater flow at the Landfill can be reference on Figure 3 – Water Table Map.

An electronic format of the laboratory results were submitted on a CD for the GEMS database submittal. Accompanying the CD was the Environmental Monitoring Data Certification which is also included in Attachment A. Laboratory reports and figures were not included in the CD.

Groundwater Quality

The groundwater quality results were compared to Chapter NR 140, Wisconsin Administrative Code (NR 140 WAC) groundwater quality preventive action limits (PAL) and enforcement standards (ES) and/or the section NR 809.60 Wisconsin Administrative Code (s. 809.60, WAC) secondary drinking water standards. Analytical results from the May 2022 sampling event exceeding a NR 140 WAC ES and PAL are discussed below.

Exceedances Notification

There were nine (9) groundwater monitoring wells at the Landfill with NR 140 WAC ES exceedances; the groundwater monitoring wells are listed below.

- P-24E
- P-24D
- P-8S
- P-9S
- P-9D
- P-21D
- P-18S
- P-27D
- FD-1

There were 40 groundwater monitoring wells at the Landfill with NR 140 WAC PAL exceedance; the groundwater monitoring wells are listed below.

- P-24D
- P-8S
- P-8D
- P-9S
- P-9D
- P-8BR
- P-21BR
- P-21S
- P-21D
- P-16D
- P-18S
- P-17S
- P-27D
- P-27S
- P-26S
- P-28S
- P-43S
- P-43I
- P-22D
- P-22E
- P-22S
- P-25S
- 7750 USH 14
- P-25BR
- P-25D
- P-40D
- P-40I
- P-31S
- P-31B
- P-31D
- P-31IA
- P-30D
- P-30I
- 7734 USH 14
- P-20SR
- P-23D
- P-23S
- FD-1
- FD-2
- FD-3

Results of the exceedances can be viewed in Table 2 – NR 140 PAL-ES Exceedance Report in Attachment B. Copies of the analytical laboratory results and chain-of-custody record are included in Attachment B.

Discussion

There were nine (9) groundwater monitoring wells with NR 140 WAC ES exceedances and 40 groundwater monitoring wells with NR 140 WAC PAL exceedances detected during the May 2022 groundwater sampling event. The cause for the exceedances is due to the historic use of the Site as a landfill and generally consistent with past sampling events.

Standard of Care

Please do not hesitate to contact me or Dan O'Connell at (920) 491-9081 should you have any questions regarding this project.

Sincerely,
Cedar Corporation

Quin Lenz, P.G.
Geologist

Dan O'Connell, P.G., C.P.G.
Environmental Manager

Enclosure

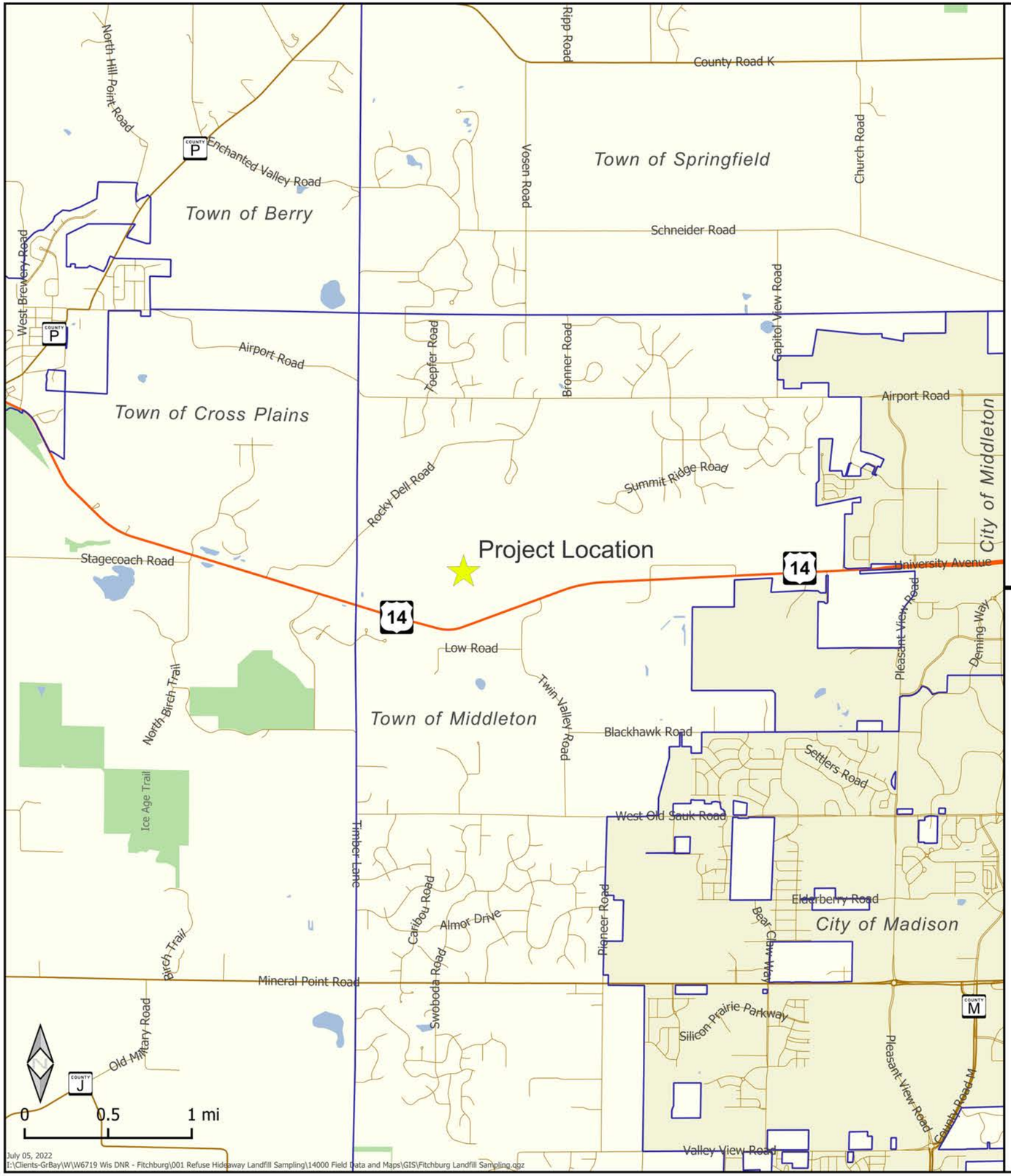
cc: GEMS Data Submittal Contact – WA/5, WDNR, P.O. Box 7921, Madison, WI 53707-7921
(Data Disk and Original Environmental Monitoring Data Certification form only)

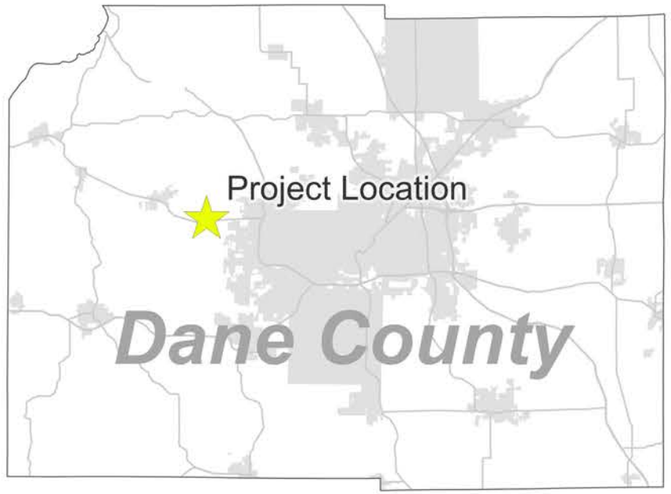
References

Wisconsin Department of Natural Resources. "Groundwater Sampling Desk Reference," Publication No. DG-037-96, September 1996.

Wisconsin Department of Natural Resources. "Groundwater Quality," Wisconsin Administrative Code, Chapter NR 140, July 2015.

Figures





NOTES:
SITE FEATURES SHOWN ARE APPROXIMATE

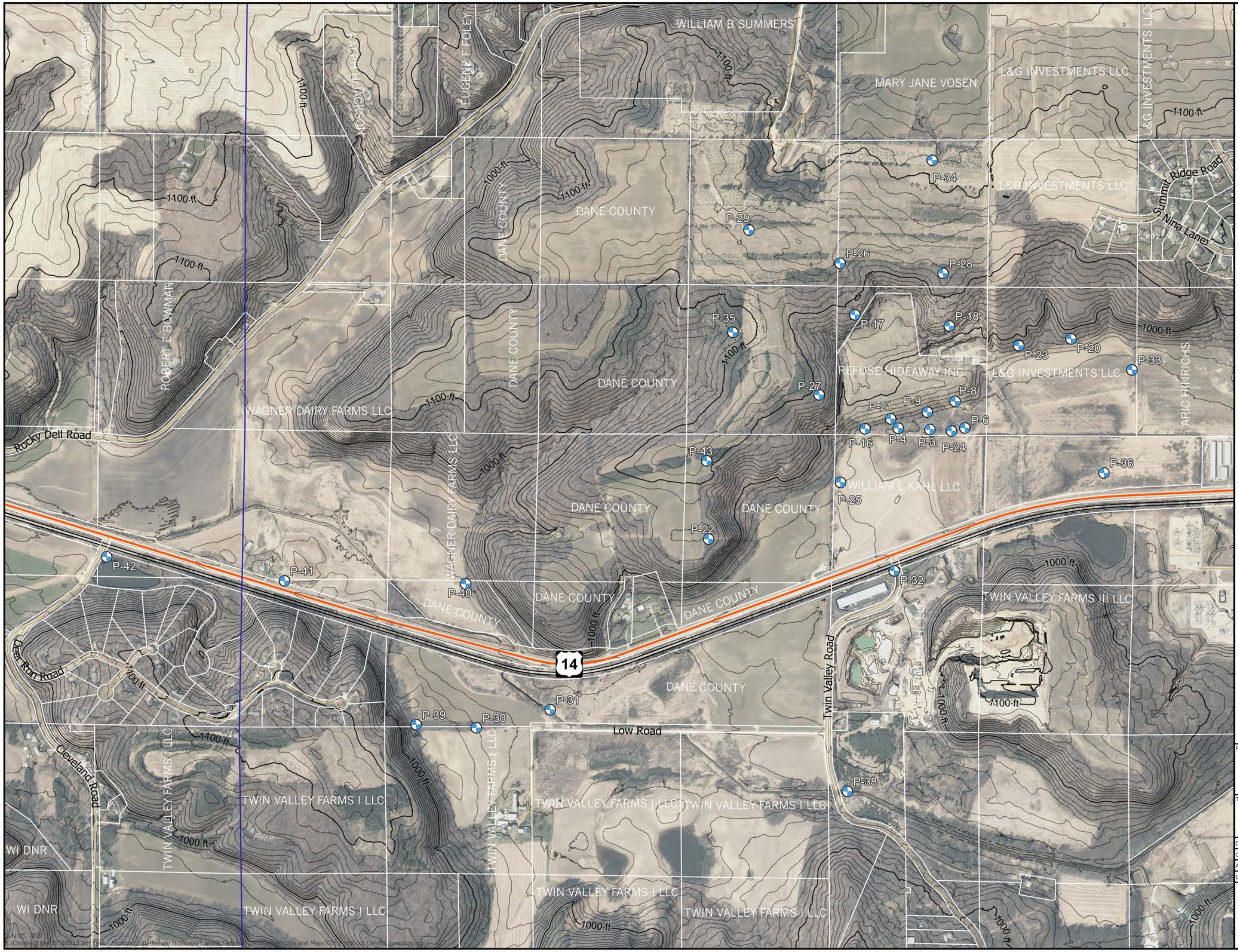
ATTRIBUTION:
MUNICIPALITY BOUNDARIES · WI DOA · 2020
PUBLIC LAND · WI DNR · 2022
ROADWAYS · OSM · 2018
WATER FEATURES · WI DNR · 2018

PROJECT:
WISCONSIN DNR
REFUSE HIDEAWAY LANDFILL

TITLE:
SITE LOCATION

DRAWN BY:	J. ERICKSON	PROJNO:	W6719-001
CHECKED BY:			
APPROVED BY:			**FIGURE 1**
DATE:	07/05/2022		

Cedar corporation
1695 Bellevue Street
Green Bay, Wisconsin 54311
Phone: 920-491-9081
Fax: 920-491-9020



LEGEND:

- MONITORING WELLS
- 10 FT CONTOURS
- PARCEL BOUNDARY

NOTES:

SITE FEATURES SHOWN ARE APPROXIMATE

ATTRIBUTION:

AERIAL IMG · WI DNR · 2022
CONTOURS · DANE CO · 2017
MONITORING WELLS · TRC · 2019
MUNICIPALITY BOUNDARIES · WI DOA · 2020
PARCELS V7 · SCO · 2021
RAILWAYS · OSM · 2018
ROADWAYS · OSM · 2018

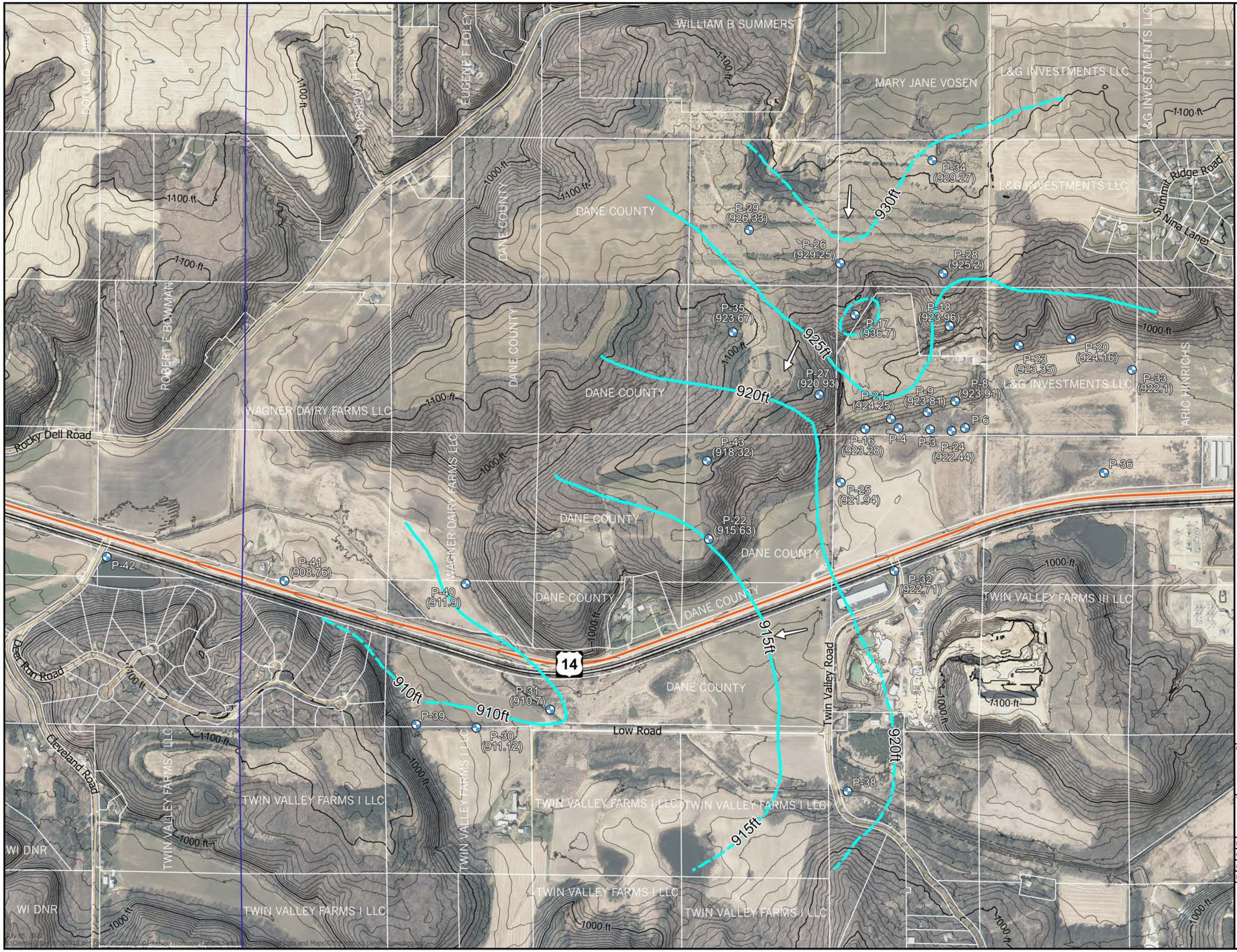
0 800 1,600 ft
1" = 800"
1:9,600

PROJECT:
WISCONSIN DNR
REFUSE HIDEAWAY LANDFILL

TITLE:
MONITORING WELL LOCATIONS

DRAWN BY:	J. ERICKSON	PROJNO:	W6719-001
CHECKED BY:			
APPROVED BY:		**FIGURE 2**	
DATE:	07/05/2022		

Cedar corporation
1695 Bellevue Street
Green Bay, Wisconsin 54311
Phone: 920-491-9081
Fax: 920-491-9020



LEGEND:

- MONITORING WELLS
- 10 FT CONTOURS
- PARCEL BOUNDARY
- GROUNDWATER FLOW
- GROUNDWATER ELEVATION

NOTES:

SITE FEATURES SHOWN ARE APPROXIMATE

ATTRIBUTION:

AERIAL IMG · WI DNR · 2022
CONTOURS · DANE CO · 2017
MONITORING WELLS · TRC · 2019
MUNICIPALITY BOUNDARIES · WI DOA · 2020
PARCELS V7 · SCO · 2021
RAILWAYS · OSM · 2018
ROADWAYS · OSM · 2018

0 800 1,600 ft
1" = 800"
1:9,600

PROJECT:
WISCONSIN DNR
REFUSE HIDEAWAY LANDFILL

TITLE:
WATER TABLE MAP

DRAWN BY:	J. ERICKSON	PROJNO:	W6719.001
CHECKED BY:		**FIGURE 3**	
APPROVED BY:			
DATE:	07/05/2022		

Cedar corporation
1695 Bellevue Street
Green Bay, Wisconsin 54311
Phone: 920-491-9081
Fax: 920-491-9020

Attachment A

Table 1 - Groundwater Elevations
Refuse Hideaway Landfill

Well ID	Date	Time (24-hr)	Depth to Water from TOC (ft)	Well Depth from TOC (ft)	Elevation Top of PVC	Groundwater Elevation
P-8S	5/23/2022	13:05	8.59	20.5	932.5	923.91
P-8D	5/23/2022	13:07	7.52	42.2	930.98	923.46
P-9S	5/23/2022	13:18	8.28	16	932.09	923.81
P-9D	5/23/2022	13:25	5.56	43	930.43	924.87
P-16S	5/23/2022	14:37	13.5	17.2	936.78	923.28
P-16D	5/23/2022	14:34	14.39	42.9	936.3	921.91
P-21S	5/23/2022	13:58	12.18	19.7	936.43	924.25
P-21D	5/23/2022	13:54	12.82	41.6	936.94	924.12
P-21BR	5/23/2022	13:48	13.41	148.3	935.19	921.78
P-24D	5/23/2022	17:49	4.81	25.2	927.25	922.44
P-24E	5/23/2022	17:44	4.3	52.5	927.39	923.09
P-25S	5/23/2022	14:37	21.2	29.4	943.14	921.94
P-28S	5/24/2022	12:54	199.13	207.4	1124.33	925.2
P-29S	5/24/2022	13:14	236.77	257.2	1163.1	926.33
P-31S	5/23/2022	13:59	5.89	28.8	916.59	910.7
P-32S	5/23/2022	12:58	21.02	39.5	943.73	922.71
P-32D	5/23/2022	13:00	21.72	176.2	942.66	920.94
P-33D	5/23/2022	12:44	5.31	103.4	928.5	923.19
P-34S	5/24/2022	10:43	161.83	186	1091.1	929.27
P-34D	5/24/2022	10:47	163.54	276.1	1090.98	927.44
P-41D	5/23/2022	12:38	16.06	104.5	924.82	908.76
P-8BR	5/23/2022	14:48	7.38	111.5	929.52	922.14
P-33S	5/23/2022	12:22	6.45	27.6	928.55	922.1
P-35S	5/24/2022	12:25	164.23	184	1087.9	923.67
P-35D	5/24/2022	12:20	166.09	252.6	1087.7	921.61
P-17S	5/24/2022	7:54	145.05	158.8	1081.75	936.7
P-18S	5/23/2022	17:17	96.61	107.2	1020.57	923.96
P-20SR	5/23/2022	12:02	37.62	66.3	961.78	924.16
P-22S	5/24/2022	8:34	172.57	184.7	1088.2	915.63
P-22D	5/24/2022	8:38	173.59	217.2	1088.94	915.35
P-22E	5/24/2022	8:42	174.43	273	1089.72	915.29
P-23S	5/23/2022	11:44	38.36	48.1	961.71	923.35
P-23D	5/23/2022	11:48	38	80.1	961.53	923.53
P-25D	5/23/2022	14:42	26.22	96.3	943.86	917.64
P-25BR	5/23/2022	14:40	25.23	140.3	943.27	918.04
P-26S	5/24/2022	13:06	221.7	237.6	1150.95	929.25
P-27S	5/24/2022	8:38	174.3	188.8	1095.23	920.93
P-27D	5/24/2022	8:47	174.83	204.3	1095.56	920.73
P-30I	5/23/2022	13:22	19.82	142.3	930.94	911.12
P-30D	5/23/2022	13:17	21.78	289.5	932.97	911.19
P-31IA	5/23/2022	14:01	5.94	95.6	916.77	910.83
P-31IB	5/23/2022	14:07	4.57	135.7	916.49	911.92
P-31D	5/23/2022	13:55	--	258.2	915.72	#VALUE!
P-40I	5/23/2022	12:19	10.38	104.8	922.28	911.9
P-40D	5/23/2022	12:21	11.57	255.2	922.98	911.41
P-43S	5/24/2022	7:58	192.28	205.7	1110.6	918.32
P-43I	5/24/2022	8:04	192.01	233.3	1110.24	918.23
P-43D	5/24/2022	8:10	191.59	283.6	1109.92	918.33

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Environmental Monitoring Data Certification

Form 4400-231 (R 5/17)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5, Wisconsin Department of Natural Resources, P.O. Box 7921, Madison, WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner)
Cedar Corporation

Contact for questions about data formatting. Include data preparer's name, telephone number and Email address:

Name	Phone No. (include area code)
Quin Lenz	(920) 491-9081

Email
quin.lenz@cedarcorp.com

Facility Name
Refuse Hideaway Landfill

License # / Monitoring ID	Facility ID (FID)
01953	113112010

Actual sampling dates (e.g., July 2-6, 2003)	The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)
May 24-31, 2022	May 2022

Type of Data Submitted (Check all that apply):

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify):

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Facility Representative Name (Print)	Title	Phone No. (include area code)
Quin Lenz	Staff Geologist	(920) 491-9081

Signature _____ Date Signed (mm/dd/yyyy) 6/21/2022

For DNR Use Only

Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] Found uploading problems on _____ Initials
- [ ] Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): [ ] Diskette [ ] CD (initial submittal and follow-up) [ ] E-mail (follow-up only) [ ] Other: _____

Attachment B

Table 2 - NR 140 PAL-ES Exceedance Report
Refuse Hideaway Landfill May 2022

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-217392-10	116	P-24E	05/25/2022	39175	Vinyl chloride	0.93J	0.02	0.2	0.2	UG/L	PAL Exceeded	ES Exceeded
500-217392-11	115	P-24D	05/25/2022	34423	Methylene Chloride	2.2JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-11	115	P-24D	05/25/2022	39175	Vinyl chloride	6	0.02	0.2	0.2	UG/L	PAL Exceeded	ES Exceeded
500-217392-12	125	P-8S	05/25/2022	34030	Benzene	0.51	0.5	5	0.15	UG/L	PAL Exceeded	
500-217392-12	125	P-8S	05/25/2022	77093	cis-1,2-Dichloroethene	19	7	70	0.41	UG/L	PAL Exceeded	
500-217392-12	125	P-8S	05/25/2022	34423	Methylene Chloride	2.0JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-12	125	P-8S	05/25/2022	34475	Tetrachloroethene	1	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-12	125	P-8S	05/25/2022	81607	Tetrahydrofuran	98	10	50	1.9	UG/L	PAL Exceeded	ES Exceeded
500-217392-12	125	P-8S	05/25/2022	39180	Trichloroethene	2.7	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-13	114	P-8D	05/25/2022	34423	Methylene Chloride	2.2JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-13	114	P-8D	05/25/2022	81607	Tetrahydrofuran	22	10	50	1.9	UG/L	PAL Exceeded	
500-217392-14	139	P-9S	05/25/2022	34030	Benzene	0.76	0.5	5	0.15	UG/L	PAL Exceeded	
500-217392-14	139	P-9S	05/25/2022	34423	Methylene Chloride	2.0JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-14	139	P-9S	05/25/2022	34475	Tetrachloroethene	0.84J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-14	139	P-9S	05/25/2022	81607	Tetrahydrofuran	110	10	50	1.9	UG/L	PAL Exceeded	ES Exceeded
500-217392-15	140	P-9D	05/25/2022	34030	Benzene	3.5	0.5	5	0.15	UG/L	PAL Exceeded	
500-217392-15	140	P-9D	05/25/2022	34423	Methylene Chloride	2.0JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-15	140	P-9D	05/25/2022	81607	Tetrahydrofuran	100	10	50	1.9	UG/L	PAL Exceeded	ES Exceeded
500-217392-16	126	P-8BR	05/25/2022	34423	Methylene Chloride	2.3JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-16	126	P-8BR	05/25/2022	39180	Trichloroethene	2.3	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-17	134	P-21BR	05/25/2022	34423	Methylene Chloride	2.2JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-17	134	P-21BR	05/25/2022	39180	Trichloroethene	2.4	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-18	133	P-21S	05/25/2022	34423	Methylene Chloride	2.3JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-19	113	P-21D	05/25/2022	34030	Benzene	2.4	0.5	5	0.15	UG/L	PAL Exceeded	
500-217392-19	113	P-21D	05/25/2022	34423	Methylene Chloride	1.6J	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-19	113	P-21D	05/25/2022	81607	Tetrahydrofuran	210F1	10	50	1.9	UG/L	PAL Exceeded	ES Exceeded
500-217392-20	127	P-16D	05/26/2022	34030	Benzene	1.2	0.5	5	0.15	UG/L	PAL Exceeded	
500-217392-20	127	P-16D	05/26/2022	81607	Tetrahydrofuran	32	10	50	1.9	UG/L	PAL Exceeded	
500-217392-23	129	P-18S	05/26/2022	34423	Methylene Chloride	1.6J	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-23	129	P-18S	05/26/2022	34475	Tetrachloroethene	7.8	0.5	5	0.37	UG/L	PAL Exceeded	ES Exceeded
500-217392-24	128	P-17S	05/26/2022	34475	Tetrachloroethene	2.2	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-29	122	P-27D	05/26/2022	34423	Methylene Chloride	4.9JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-29	122	P-27D	05/26/2022	34475	Tetrachloroethene	7.2	0.5	5	0.37	UG/L	PAL Exceeded	ES Exceeded
500-217392-29	122	P-27D	05/26/2022	39180	Trichloroethene	1.3	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-30	121	P-27S	05/26/2022	34423	Methylene Chloride	4.2JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-30	121	P-27S	05/26/2022	34475	Tetrachloroethene	2.2	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-31	141	P-26S	05/26/2022	34475	Tetrachloroethene	0.72J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-32	123	P-28S	05/26/2022	34475	Tetrachloroethene	0.53J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-33	175	P-43S	05/27/2022	32106	Chloroform	0.81JB	0.6	6	0.37	UG/L	PAL Exceeded	
500-217392-34	176	P-43I	05/27/2022	32106	Chloroform	0.65JB	0.6	6	0.37	UG/L	PAL Exceeded	
500-217392-36	136	P-22D	05/27/2022	34475	Tetrachloroethene	0.66J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-37	174	P-22E	05/27/2022	34423	Methylene Chloride	4.9JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-37	174	P-22E	05/27/2022	34475	Tetrachloroethene	3.3	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-37	174	P-22E	05/27/2022	39180	Trichloroethene	1.2	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-38	135	P-22S	05/27/2022	34423	Methylene Chloride	4.6JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-39	117	P-25S	05/27/2022	34423	Methylene Chloride	4.8JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-4	311	7750 USH 14	05/24/2022	34475	Tetrachloroethene	1.7	0.5	5	0.2	UG/L	PAL Exceeded	
500-217392-40	119	P-25BR	05/27/2022	34423	Methylene Chloride	4.9JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-40	119	P-25BR	05/27/2022	34475	Tetrachloroethene	1.1	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-41	119	P-25D	05/27/2022	34423	Methylene Chloride	4.6JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-42	161	P-40D	05/27/2022	34423	Methylene Chloride	4.5JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-42	161	P-40D	05/27/2022	34475	Tetrachloroethene	0.68J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-43	162	P-40I	05/27/2022	34423	Methylene Chloride	4.8JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-43	162	P-40I	05/27/2022	34475	Tetrachloroethene	2.7	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-43	162	P-40I	05/27/2022	39180	Trichloroethene	0.61	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-44	148	P-31S	05/27/2022	34423	Methylene Chloride	4.9JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-45	147	P-31B	05/27/2022	34423	Methylene Chloride	4.5JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-45	147	P-31B	05/27/2022	34475	Tetrachloroethene	1.5	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-45	147	P-31B	05/27/2022	39180	Trichloroethene	0.65	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-46	145	P-31D	05/27/2022	34423	Methylene Chloride	4.6JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-47	146	P-31IA	05/27/2022	34423	Methylene Chloride	4.8JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-47	146	P-31IA	05/27/2022	34475	Tetrachloroethene	1.5	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-47	146	P-31IA	05/27/2022	39180	Trichloroethene	0.71	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-48	169	P-30D	05/27/2022	34423	Methylene Chloride	4.6JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-49	170	P-30I	05/27/2022	34423	Methylene Chloride	4.8JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-5	312	7734 USH 14	05/24/2022	34475	Tetrachloroethene	3.1	0.5	5	0.2	UG/L	PAL Exceeded	
500-217392-5	312	7734 USH 14	05/24/2022	39180	Trichloroethene	0.8	0.5	5	0.2	UG/L	PAL Exceeded	
500-217392-52	167	P-20SR	05/31/2022	34475	Tetrachloroethene	1.4	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-53	138	P-23D	05/31/2022	34475	Tetrachloroethene	0.56J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-54	137	P-23S	05/31/2022	34475	Tetrachloroethene	0.82J	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-58	FD1	FD-1	05/25/2022	39180	Trichloroethene	2.3	0.5	5	0.16	UG/L	PAL Exceeded	
500-217392-58	FD1	FD-1	05/25/2022	39175	Vinyl chloride	0.51J	0.02	0.2	0.2	UG/L	PAL Exceeded	ES Exceeded
500-217392-59	FD2	FD-2	05/26/2022	34423	Methylene Chloride	4.5JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-59	FD2	FD-2	05/26/2022	34475	Tetrachloroethene	2.3	0.5	5	0.37	UG/L	PAL Exceeded	
500-217392-60	FD3	FD-3	05/27/2022	34423	Methylene Chloride	4.6JB	0.5	5	1.6	UG/L	PAL Exceeded	
500-217392-60	FD3	FD-3	05/27/2022	34475	Tetrachloroethene	0.68J	0.5	5	0.37	UG/L	PAL Exceeded	

J = Reported value was between the limit of detection and the limit of quantification.
B = Compound was found in the bank and sample.
F1 = MS and/or MSD recovery exceeds control limits.

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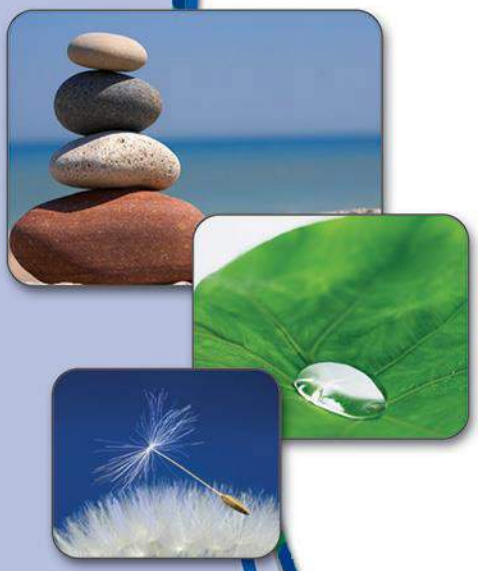

ANALYTICAL REPORT

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-217392-1
Client Project/Site: Refuse Hideaway Landfill

For:
Cedar Corporation
1695 Bellevue Street
Green Bay, Wisconsin 54311

Attn: Dan O'Connell

Authorized for release by:
6/17/2022 3:53:54 PM

Sandie Fredrick, Project Manager II
(920)261-1660
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Job ID: 500-217392-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-217392-1

Comments
No additional comments.

Receipt
The samples were received on 6/2/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.5º C and 2.8º C.

Receipt Exceptions

Received 1 VOA vial broken for sample 33.

GC/MS VOA
Method 8260B: The laboratory control sample (LCS) for analytical batch 500-660241 recovered outside control limits for the following analytes: Tetrahydrofuran, Acrylonitrile, Chloromethane and Isobutyl alcohol. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-660241 were outside control limits.

Method 8260B: Surrogate recovery for the following samples were outside the upper control limit: P-35S (500-217392-28), P-26S (500-217392-31), P-28S (500-217392-32), P-43S (500-217392-33), P-43I (500-217392-34), P-43D (500-217392-35) and P-22D (500-217392-36). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8260B: The matrix spike/ matrix spike duplicate (MS/MSD) for the following sample was analyzed outside the 12 hour tune window. P-31S (500-217392-44)

Method 8260B: The following analyte(s) recovered outside control limits for the LCS/LCSD/MS/MSD associated with 660241: Tetraydrofuran and Chloromethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.P-35S (500-217392-28), P-26S (500-217392-31), P-28S (500-217392-32), P-43S (500-217392-33), P-43I (500-217392-34), P-43D (500-217392-35), P-22D (500-217392-36) and FD-1 (500-217392-58)

Method 8260B: Acetone/ Methylene chloride were detected in the following items: P-24D (500-217392-11), P-8S (500-217392-12), P-8D (500-217392-13), P-9S (500-217392-14), P-9D (500-217392-15), P-8BR (500-217392-16), P-21BR (500-217392-17), P-21S (500-217392-18), P-21D (500-217392-19), P-16D (500-217392-20), P-18S (500-217392-23), P-27D (500-217392-29), P-27S (500-217392-30), P-22E (500-217392-37), P-22S (500-217392-38), P-25S (500-217392-39), P-25BR (500-217392-40), P-25D (500-217392-41), P-40D (500-217392-42), P-40I (500-217392-43), P-31S (500-217392-44), P-31B (500-217392-45), P-31D (500-217392-46), P-31IA (500-217392-47), P-30D (500-217392-48), P-30I (500-217392-49), FD-2 (500-217392-59), FD-3 (500-217392-60), (MB 500-660525/6) and (MB 500-660528/7). Methylene chloride and Acetone are known lab contaminants; therefore all low level detects for this compound could be suspected as lab contamination.

Method 524.2: (CCVIS 810-20828/4): m- and p-Xylene @ 5.0 ug/L had a calculated result of 69% for the continuing calibration verification (CCVIS), which failed to pass the Spike Percent Recovery Lower Limit (70 to 130). Trip blank 500-217392-A-62A had no additional vials to perform a reanalysis. As the parameter was not present in associated client samples, no data impact occurred.

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

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 7872 Deer Run Road — Lab Sample ID: 500-217392-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	750				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	93.6				mg/L	1		Field Sampling	Total/NA
Field pH	7.32				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	107.1				millivolts	1		Field Sampling	Total/NA

Client Sample ID: 7877 Deer Run Road — Lab Sample ID: 500-217392-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	619				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	98.7				mg/L	1		Field Sampling	Total/NA
Field pH	7.47				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	120.7				millivolts	1		Field Sampling	Total/NA

Client Sample ID: 7911 Deer Run Road — Lab Sample ID: 500-217392-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	642				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	109.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.54				SU	1		Field Sampling	Total/NA
Oxidation Reduction Potential	119.6				millivolts	1		Field Sampling	Total/NA

Client Sample ID: 7750 USH 14 — Lab Sample ID: 500-217392-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		0.50	0.20	ug/L	1		524.2	Total/NA
Tetrachloroethene	1.7		0.50	0.20	ug/L	1		524.2	Total/NA
Trichloroethene	0.34	J	0.50	0.20	ug/L	1		524.2	Total/NA
Field Conductivity	715				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	16.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA
Field Temperature	13.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	54.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: 7734 USH 14 — Lab Sample ID: 500-217392-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		0.50	0.20	ug/L	1		524.2	Total/NA
Tetrachloroethene	3.1		0.50	0.20	ug/L	1		524.2	Total/NA
Trichloroethene	0.80		0.50	0.20	ug/L	1		524.2	Total/NA
Field Conductivity	929				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	24.5				mg/L	1		Field Sampling	Total/NA
Field pH	7.06				SU	1		Field Sampling	Total/NA
Field Temperature	12.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	139.0				millivolts	1		Field Sampling	Total/NA

Client Sample ID: 4306 Fawn Court — Lab Sample ID: 500-217392-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	853				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	95.2				mg/L	1		Field Sampling	Total/NA
Field pH	7.38				SU	1		Field Sampling	Total/NA
Field Temperature	13.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	169.9				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 4318 Fawn Court — Lab Sample ID: 500-217392-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	968				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	100.6				mg/L	1		Field Sampling	Total/NA
Field pH	7.40				SU	1		Field Sampling	Total/NA
Field Temperature	13.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	162.9				millivolts	1		Field Sampling	Total/NA

Client Sample ID: 4610 Rocky Dell Road — Lab Sample ID: 500-217392-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	730				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	86.5				mg/L	1		Field Sampling	Total/NA
Field pH	7.39				SU	1		Field Sampling	Total/NA
Field Temperature	10.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	168.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-32S — Lab Sample ID: 500-217392-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	21.05				ft	1		Field Sampling	Total/NA
Field Conductivity	1715				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	78.9				mg/L	1		Field Sampling	Total/NA
Field pH	7.00				SU	1		Field Sampling	Total/NA
Field Temperature	10.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	195.3				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-24E — Lab Sample ID: 500-217392-10

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.46	J	2.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.0		1.0	0.41	ug/L	1		8260B	Total/NA
Vinyl chloride	0.93	J	1.0	0.20	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	7.62				ft	1		Field Sampling	Total/NA
Field Conductivity	629				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	90.6				mg/L	1		Field Sampling	Total/NA
Field pH	6.94				SU	1		Field Sampling	Total/NA
Field Temperature	9.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-19.8				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-24D — Lab Sample ID: 500-217392-11

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	2.2	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Vinyl chloride	6.0		1.0	0.20	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	5.32				ft	1		Field Sampling	Total/NA
Field Conductivity	763				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	7.3				mg/L	1		Field Sampling	Total/NA
Field pH	6.89				SU	1		Field Sampling	Total/NA
Field Temperature	9.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-8.4				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-8S — Lab Sample ID: 500-217392-12

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.51		0.50	0.15	ug/L	1		8260B	Total/NA
Chlorobenzene	4.3		1.0	0.39	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	19		1.0	0.41	ug/L	1		8260B	Total/NA
Isopropylbenzene	0.43	J	1.0	0.39	ug/L	1		8260B	Total/NA
Methylene Chloride	2.0	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.0		1.0	0.37	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.89	J	1.0	0.35	ug/L	1		8260B	Total/NA
Trichloroethene	2.7		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrahydrofuran	98		10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	10.49				ft	1		Field Sampling	Total/NA
Field Conductivity	2420				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	3.8				mg/L	1		Field Sampling	Total/NA
Field pH	6.36				SU	1		Field Sampling	Total/NA
Field Temperature	8.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	95.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-8D — Lab Sample ID: 500-217392-13

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	2.2	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Acetone	2.3	J	10	1.7	ug/L	1		8260B	Total/NA
Tetrahydrofuran	22		10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	13.94				ft	1		Field Sampling	Total/NA
Field Conductivity	1318				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	3.0				mg/L	1		Field Sampling	Total/NA
Field pH	6.46				SU	1		Field Sampling	Total/NA
Field Temperature	10.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	87.6				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-9S — Lab Sample ID: 500-217392-14

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.76		0.50	0.15	ug/L	1		8260B	Total/NA
Chlorobenzene	0.46	J	1.0	0.39	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.41	ug/L	1		8260B	Total/NA
Isopropyl ether	0.34	J	1.0	0.28	ug/L	1		8260B	Total/NA
Methylene Chloride	2.0	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.84	J	1.0	0.37	ug/L	1		8260B	Total/NA
Tetrahydrofuran	110		10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	8.55				ft	1		Field Sampling	Total/NA
Field Conductivity	3853				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	-0.1				mg/L	1		Field Sampling	Total/NA
Field pH	6.30				SU	1		Field Sampling	Total/NA
Field Temperature	8.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	2.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-9D — Lab Sample ID: 500-217392-15

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.5		0.50	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.7		1.0	0.41	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-9D (Continued) — Lab Sample ID: 500-217392-15

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Isopropyl ether	0.35	J	1.0	0.28	ug/L	1		8260B	Total/NA
Methylene Chloride	2.0	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.41	J	1.0	0.39	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.80	J	1.0	0.35	ug/L	1		8260B	Total/NA
Tetrahydrofuran	100		10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	9.52				ft	1		Field Sampling	Total/NA
Field Conductivity	3343				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	0.9				mg/L	1		Field Sampling	Total/NA
Field pH	6.35				SU	1		Field Sampling	Total/NA
Field Temperature	10.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-82.9				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-8BR — Lab Sample ID: 500-217392-16

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.39	J	0.50	0.15	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	2.3	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		0.50	0.16	ug/L	1		8260B	Total/NA
Field Conductivity	770				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	6.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.01				SU	1		Field Sampling	Total/NA
Field Temperature	10.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-98.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-21BR — Lab Sample ID: 500-217392-17

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.41	J	2.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	2.2	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Trichloroethene	2.4		0.50	0.16	ug/L	1		8260B	Total/NA
Field Conductivity	758				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	0.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.07				SU	1		Field Sampling	Total/NA
Field Temperature	11.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-88.5				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-21S — Lab Sample ID: 500-217392-18

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.3	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	15.55				ft	1		Field Sampling	Total/NA
Field Conductivity	1331				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	3.8				mg/L	1		Field Sampling	Total/NA
Field pH	6.77				SU	1		Field Sampling	Total/NA
Field Temperature	9.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	81.3				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-21D — Lab Sample ID: 500-217392-19

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.4		0.50	0.15	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-21D (Continued) — Lab Sample ID: 500-217392-19

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.5		1.0	0.39	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.41	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.2		1.0	0.41	ug/L	1		8260B	Total/NA
Isopropylbenzene	0.76	J	1.0	0.39	ug/L	1		8260B	Total/NA
Isopropyl ether	0.44	J	1.0	0.28	ug/L	1		8260B	Total/NA
Methylene Chloride	1.6	J	5.0	1.6	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.75	J	1.0	0.39	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.95	J	1.0	0.35	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.50	J	1.0	0.36	ug/L	1		8260B	Total/NA
Xylenes, Total	1.2		1.0	0.22	ug/L	1		8260B	Total/NA
Tetrahydrofuran	210	F1	10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	12.99				ft	1		Field Sampling	Total/NA
Field Conductivity	7014				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	2.7				mg/L	1		Field Sampling	Total/NA
Field pH	6.30				SU	1		Field Sampling	Total/NA
Field Temperature	11.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	4.8				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-16D — Lab Sample ID: 500-217392-20

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2		0.50	0.15	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.87	J	1.0	0.41	ug/L	1		8260B	Total/NA
Xylenes, Total	0.34	J	1.0	0.22	ug/L	1		8260B	Total/NA
Acetone	2.2	J	10	1.7	ug/L	1		8260B	Total/NA
Tetrahydrofuran	32		10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	18.29				ft	1		Field Sampling	Total/NA
Field Conductivity	2289				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	1.5				mg/L	1		Field Sampling	Total/NA
Field pH	6.60				SU	1		Field Sampling	Total/NA
Field Temperature	11.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-8.1				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-32D — Lab Sample ID: 500-217392-21

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	21.83				ft	1		Field Sampling	Total/NA
Field Conductivity	779				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	6.2				mg/L	1		Field Sampling	Total/NA
Field pH	7.28				SU	1		Field Sampling	Total/NA
Field Temperature	10.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-97.1				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-16S — Lab Sample ID: 500-217392-22

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	15.42				ft	1		Field Sampling	Total/NA
Field Conductivity	684				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	11.0				mg/L	1		Field Sampling	Total/NA
Field pH	6.63				SU	1		Field Sampling	Total/NA
Field Temperature	10.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	94.6				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-18S — Lab Sample ID: 500-217392-23

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.6	J	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.8		1.0	0.37	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	97.23				ft	1		Field Sampling	Total/NA
Field Conductivity	687				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	84.9				mg/L	1		Field Sampling	Total/NA
Field pH	7.26				SU	1		Field Sampling	Total/NA
Field Temperature	11.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	80.7				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-17S — Lab Sample ID: 500-217392-24

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.2		1.0	0.37	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.42	J	1.0	0.36	ug/L	1		8260B	Total/NA
Xylenes, Total	0.52	J	1.0	0.22	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	146.85				ft	1		Field Sampling	Total/NA
Field Conductivity	1030				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	25.5				mg/L	1		Field Sampling	Total/NA
Field pH	6.58				SU	1		Field Sampling	Total/NA
Field Temperature	11.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	134.9				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-34S — Lab Sample ID: 500-217392-25

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	160.60				ft	1		Field Sampling	Total/NA
Field Conductivity	584				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	91.7				mg/L	1		Field Sampling	Total/NA
Field pH	7.46				SU	1		Field Sampling	Total/NA
Field Temperature	12.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	93.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-34D — Lab Sample ID: 500-217392-26

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.54	J	1.0	0.22	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	163.71				ft	1		Field Sampling	Total/NA
Field Conductivity	513				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	78.1				mg/L	1		Field Sampling	Total/NA
Field pH	7.20				SU	1		Field Sampling	Total/NA
Field Temperature	10.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	146.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-35D — Lab Sample ID: 500-217392-27

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	539				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	68.7				mg/L	1		Field Sampling	Total/NA
Field pH	7.25				SU	1		Field Sampling	Total/NA
Field Temperature	10.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	110.4				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-35S — Lab Sample ID: 500-217392-28

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.41	J B	2.0	0.37	ug/L	1		8260B	Total/NA
Field Conductivity	512				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	89.2				mg/L	1		Field Sampling	Total/NA
Field pH	7.24				SU	1		Field Sampling	Total/NA
Field Temperature	17.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	162.6				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-27D — Lab Sample ID: 500-217392-29

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.9	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Naphthalene	0.34	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.2		1.0	0.37	ug/L	1		8260B	Total/NA
Toluene	0.19	J	0.50	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	1.3		0.50	0.16	ug/L	1		8260B	Total/NA
Acetone	8.7	J B	10	1.7	ug/L	1		8260B	Total/NA
Field Conductivity	882				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	33.0				mg/L	1		Field Sampling	Total/NA
Field pH	6.80				SU	1		Field Sampling	Total/NA
Field Temperature	12.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	143.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-27S — Lab Sample ID: 500-217392-30

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.2		1.0	0.37	ug/L	1		8260B	Total/NA
Acetone	4.5	J B	10	1.7	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	175.51				ft	1		Field Sampling	Total/NA
Field Conductivity	897				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	32.2				mg/L	1		Field Sampling	Total/NA
Field pH	6.75				SU	1		Field Sampling	Total/NA
Field Temperature	11.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	124.0				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-26S — Lab Sample ID: 500-217392-31

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.72	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.17	J	0.50	0.16	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	222.53				ft	1		Field Sampling	Total/NA
Field Conductivity	789				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	83.2				mg/L	1		Field Sampling	Total/NA
Field pH	7.06				SU	1		Field Sampling	Total/NA
Field Temperature	13.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	132.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-28S — Lab Sample ID: 500-217392-32

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.43	J B	2.0	0.37	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.53	J	1.0	0.37	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	200.36				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: P-28S (Continued) — Lab Sample ID: 500-217392-32

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	628				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	71.9				mg/L	1		Field Sampling	Total/NA
Field pH	7.09				SU	1		Field Sampling	Total/NA
Field Temperature	10.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	132.8				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-43S — Lab Sample ID: 500-217392-33

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.81	J B	2.0	0.37	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	192.21				ft	1		Field Sampling	Total/NA
Field Conductivity	611				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	90.5				mg/L	1		Field Sampling	Total/NA
Field pH	7.25				SU	1		Field Sampling	Total/NA
Field Temperature	10.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	106.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-43I — Lab Sample ID: 500-217392-34

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.65	J B	2.0	0.37	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	192.12				ft	1		Field Sampling	Total/NA
Field Conductivity	593				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	76.4				mg/L	1		Field Sampling	Total/NA
Field pH	7.08				SU	1		Field Sampling	Total/NA
Field Temperature	10.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	155.3				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-43D — Lab Sample ID: 500-217392-35

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.42	J B	2.0	0.37	ug/L	1		8260B	Total/NA
Field Conductivity	561				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	50.0				mg/L	1		Field Sampling	Total/NA
Field pH	6.97				SU	1		Field Sampling	Total/NA
Field Temperature	11.7				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	95.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-22D — Lab Sample ID: 500-217392-36

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.45	J B	2.0	0.37	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.66	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.38	J	0.50	0.16	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	175.36				ft	1		Field Sampling	Total/NA
Field Conductivity	583				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	25.2				mg/L	1		Field Sampling	Total/NA
Field pH	6.78				SU	1		Field Sampling	Total/NA
Field Temperature	10.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	111.5				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-22E — Lab Sample ID: 500-217392-37

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	0.41	ug/L	1		8260B	Total/NA
Dichlorodifluoromethane	1.3	J	3.0	0.67	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.64	J	1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	4.9	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.3		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	1.2		0.50	0.16	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.39	J	1.0	0.36	ug/L	1		8260B	Total/NA
Xylenes, Total	0.43	J	1.0	0.22	ug/L	1		8260B	Total/NA
Acetone	3.4	J B	10	1.7	ug/L	1		8260B	Total/NA
Field Conductivity	529				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	34.0				mg/L	1		Field Sampling	Total/NA
Field pH	7.07				SU	1		Field Sampling	Total/NA
Field Temperature	12.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	158.5				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-22S — Lab Sample ID: 500-217392-38

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.6	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Naphthalene	0.42	J	1.0	0.34	ug/L	1		8260B	Total/NA
Acetone	11	B	10	1.7	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	172.61				ft	1		Field Sampling	Total/NA

Client Sample ID: P-25S — Lab Sample ID: 500-217392-39

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.8	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Field Conductivity	736				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	70.1				mg/L	1		Field Sampling	Total/NA
Field pH	7.04				SU	1		Field Sampling	Total/NA
Field Temperature	10.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	160.8				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-25BR — Lab Sample ID: 500-217392-40

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.9	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.37	ug/L	1		8260B	Total/NA
Acetone	6.6	J B	10	1.7	ug/L	1		8260B	Total/NA
Field Conductivity	588				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	66.0				mg/L	1		Field Sampling	Total/NA
Field pH	7.22				SU	1		Field Sampling	Total/NA
Field Temperature	11.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	121.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-25D — Lab Sample ID: 500-217392-41

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.6	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	26.29				ft	1		Field Sampling	Total/NA
Field Conductivity	533				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	60.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.20				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-25D (Continued) — Lab Sample ID: 500-217392-41

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	11.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	146.0				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-40D — Lab Sample ID: 500-217392-42

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.68	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.24	J	0.50	0.16	ug/L	1		8260B	Total/NA
Xylenes, Total	0.27	J	1.0	0.22	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	11.53				ft	1		Field Sampling	Total/NA
Field Conductivity	574				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	63.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.2				SU	1		Field Sampling	Total/NA
Field Temperature	10.0				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	129.6				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-40I — Lab Sample ID: 500-217392-43

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	4.8	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.7		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.61		0.50	0.16	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	10.32				ft	1		Field Sampling	Total/NA
Field Conductivity	650				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	59.7				mg/L	1		Field Sampling	Total/NA
Field pH	7.09				SU	1		Field Sampling	Total/NA
Field Temperature	9.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	168.3				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-31S — Lab Sample ID: 500-217392-44

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.9	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Trichloroethene	0.24	J	0.50	0.16	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	4.86				ft	1		Field Sampling	Total/NA
Field Conductivity	533				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	-0.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.29				SU	1		Field Sampling	Total/NA
Field Temperature	8.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-140.9				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-31B — Lab Sample ID: 500-217392-45

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.75	J	1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.65		0.50	0.16	ug/L	1		8260B	Total/NA
Acetone	2.7	J B	10	1.7	ug/L	1		8260B	Total/NA
Field Conductivity	806				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	8.5				mg/L	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-31B (Continued) — Lab Sample ID: 500-217392-45

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.01				SU	1		Field Sampling	Total/NA
Field Temperature	12.4				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	122.5				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-31D — Lab Sample ID: 500-217392-46

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.6	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Field Conductivity	528				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	81.6				mg/L	1		Field Sampling	Total/NA
Field pH	7.30				SU	1		Field Sampling	Total/NA
Field Temperature	10.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	125.6				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-31IA — Lab Sample ID: 500-217392-47

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.81	J	1.0	0.41	ug/L	1		8260B	Total/NA
Methylene Chloride	4.8	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.71		0.50	0.16	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	5.88				ft	1		Field Sampling	Total/NA
Field Conductivity	773				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	17.2				mg/L	1		Field Sampling	Total/NA
Field pH	6.96				SU	1		Field Sampling	Total/NA
Field Temperature	15.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	106.9				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-30D — Lab Sample ID: 500-217392-48

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.6	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	21.71				ft	1		Field Sampling	Total/NA
Field Conductivity	4662				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	70.4				mg/L	1		Field Sampling	Total/NA
Field pH	7.33				SU	1		Field Sampling	Total/NA
Field Temperature	9.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	125.0				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-30I — Lab Sample ID: 500-217392-49

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.8	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Field Conductivity	635				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	88.3				mg/L	1		Field Sampling	Total/NA
Field pH	7.21				SU	1		Field Sampling	Total/NA
Field Temperature	9.6				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	146.4				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-33S — Lab Sample ID: 500-217392-50

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	5.36				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-33S (Continued) — Lab Sample ID: 500-217392-50

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	717				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	0.6				mg/L	1		Field Sampling	Total/NA
Field pH	6.93				SU	1		Field Sampling	Total/NA
Field Temperature	9.3				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-100.2				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-33D — Lab Sample ID: 500-217392-51

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.8	J	2.0	0.45	ug/L	1		8260B	Total/NA
Tetrahydrofuran	3.7	J B	10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	12.03				ft	1		Field Sampling	Total/NA
Field Conductivity	625				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	27.6				mg/L	1		Field Sampling	Total/NA
Field pH	7.36				SU	1		Field Sampling	Total/NA
Field Temperature	15.8				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	-88.8				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-20SR — Lab Sample ID: 500-217392-52

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.69	J B	1.0	0.34	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.4		1.0	0.37	ug/L	1		8260B	Total/NA
Tetrahydrofuran	3.7	J B	10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	37.33				ft	1		Field Sampling	Total/NA
Field Conductivity	554				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	98.8				mg/L	1		Field Sampling	Total/NA
Field pH	7.24				SU	1		Field Sampling	Total/NA
Field Temperature	11.9				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	66.9				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-23D — Lab Sample ID: 500-217392-53

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.56	J	1.0	0.37	ug/L	1		8260B	Total/NA
Tetrahydrofuran	3.5	J B	10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	37.76				ft	1		Field Sampling	Total/NA
Field Conductivity	534				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	83.6				mg/L	1		Field Sampling	Total/NA
Field pH	7.13				SU	1		Field Sampling	Total/NA
Field Temperature	11.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	144.1				millivolts	1		Field Sampling	Total/NA

Client Sample ID: P-23S — Lab Sample ID: 500-217392-54

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.82	J	1.0	0.37	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	38.06				ft	1		Field Sampling	Total/NA
Field Conductivity	570				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	95.2				mg/L	1		Field Sampling	Total/NA
Field pH	7.15				SU	1		Field Sampling	Total/NA
Field Temperature	12.2				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	85.7				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-41D — Lab Sample ID: 500-217392-55

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	2.9	J B	10	1.9	ug/L	1		8260B	Total/NA
Depth to Water (ft from MP)	15.96				ft	1		Field Sampling	Total/NA
Field Conductivity	703				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	81.0				mg/L	1		Field Sampling	Total/NA
Field pH	7.10				SU	1		Field Sampling	Total/NA
Field Temperature	11.5				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	153.1				millivolts	1		Field Sampling	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-217392-56

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	6.0	J	10	1.9	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank 2 — Lab Sample ID: 500-217392-57

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	5.1	J	10	1.9	ug/L	1		8260B	Total/NA

Client Sample ID: FD-1 — Lab Sample ID: 500-217392-58

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.57	J B	2.0	0.37	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.41	ug/L	1		8260B	Total/NA
Dichlorodifluoromethane	0.73	J	3.0	0.67	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		0.50	0.16	ug/L	1		8260B	Total/NA
Vinyl chloride	0.51	J	1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: FD-2 — Lab Sample ID: 500-217392-59

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: FD-3 — Lab Sample ID: 500-217392-60

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.6	J B	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.68	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.19	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: EB-1 — Lab Sample ID: 500-217392-61

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.37	J	2.0	0.37	ug/L	1		8260B	Total/NA
Toluene	0.25	J	0.50	0.15	ug/L	1		8260B	Total/NA
Xylenes, Total	0.26	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank 524.2 — Lab Sample ID: 500-217392-62

No Detections.

Client Sample ID: P-29 — Lab Sample ID: 500-217392-63

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	236.82				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-29 (Continued)

Lab Sample ID: 500-217392-63

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Field Conductivity	596				umhos/cm	1		Field Sampling	Total/NA
Field Dissolved Oxygen	107.1				mg/L	1		Field Sampling	Total/NA
Field pH	7.86				SU	1		Field Sampling	Total/NA
Field Temperature	18.1				Degrees C	1		Field Sampling	Total/NA
Oxidation Reduction Potential	97.6				millivolts	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EA SB
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
Field Sampling	Field Sampling	EPA	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

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

Laboratory References:

EA SB = Eurofins Eaton South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

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

Sample Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-217392-1	7872 Deer Run Road	Water	05/23/22 16:11	06/02/22 10:00
500-217392-2	7877 Deer Run Road	Water	05/23/22 16:29	06/02/22 10:00
500-217392-3	7911 Deer Run Road	Water	05/23/22 16:51	06/02/22 10:00
500-217392-4	7750 USH 14	Water	05/24/22 14:32	06/02/22 10:00
500-217392-5	7734 USH 14	Water	05/24/22 14:55	06/02/22 10:00
500-217392-6	4306 Fawn Court	Water	05/24/22 15:22	06/02/22 10:00
500-217392-7	4318 Fawn Court	Water	05/24/22 15:38	06/02/22 10:00
500-217392-8	4610 Rocky Dell Road	Water	05/24/22 16:00	06/02/22 10:00
500-217392-9	P-32S	Water	05/24/22 16:57	06/02/22 10:00
500-217392-10	P-24E	Water	05/25/22 09:30	06/02/22 10:00
500-217392-11	P-24D	Water	05/25/22 10:15	06/02/22 10:00
500-217392-12	P-8S	Water	05/25/22 11:10	06/02/22 10:00
500-217392-13	P-8D	Water	05/25/22 11:37	06/02/22 10:00
500-217392-14	P-9S	Water	05/25/22 12:55	06/02/22 10:00
500-217392-15	P-9D	Water	05/25/22 13:20	06/02/22 10:00
500-217392-16	P-8BR	Water	05/25/22 13:40	06/02/22 10:00
500-217392-17	P-21BR	Water	05/25/22 15:52	06/02/22 10:00
500-217392-18	P-21S	Water	05/25/22 15:30	06/02/22 10:00
500-217392-19	P-21D	Water	05/25/22 15:56	06/02/22 10:00
500-217392-20	P-16D	Water	05/26/22 07:40	06/02/22 10:00
500-217392-21	P-32D	Water	05/26/22 07:45	06/02/22 10:00
500-217392-22	P-16S	Water	05/26/22 08:10	06/02/22 10:00
500-217392-23	P-18S	Water	05/26/22 08:52	06/02/22 10:00
500-217392-24	P-17S	Water	05/26/22 09:46	06/02/22 10:00
500-217392-25	P-34S	Water	05/26/22 11:25	06/02/22 10:00
500-217392-26	P-34D	Water	05/26/22 11:28	06/02/22 10:00
500-217392-27	P-35D	Water	05/26/22 14:06	06/02/22 10:00
500-217392-28	P-35S	Water	05/26/22 14:06	06/02/22 10:00
500-217392-29	P-27D	Water	05/26/22 15:05	06/02/22 10:00
500-217392-30	P-27S	Water	05/26/22 15:30	06/02/22 10:00
500-217392-31	P-26S	Water	05/26/22 17:08	06/02/22 10:00
500-217392-32	P-28S	Water	05/26/22 17:55	06/02/22 10:00
500-217392-33	P-43S	Water	05/27/22 07:45	06/02/22 10:00
500-217392-34	P-43I	Water	05/27/22 08:10	06/02/22 10:00
500-217392-35	P-43D	Water	05/27/22 08:59	06/02/22 10:00
500-217392-36	P-22D	Water	05/27/22 09:50	06/02/22 10:00
500-217392-37	P-22E	Water	05/27/22 10:22	06/02/22 10:00
500-217392-38	P-22S	Water	05/27/22 10:40	06/02/22 10:00
500-217392-39	P-25S	Water	05/27/22 11:55	06/02/22 10:00
500-217392-40	P-25BR	Water	05/27/22 11:55	06/02/22 10:00
500-217392-41	P-25D	Water	05/27/22 12:20	06/02/22 10:00
500-217392-42	P-40D	Water	05/27/22 13:50	06/02/22 10:00
500-217392-43	P-40I	Water	05/27/22 13:51	06/02/22 10:00
500-217392-44	P-31S	Water	05/27/22 15:05	06/02/22 10:00
500-217392-45	P-31B	Water	05/27/22 15:15	06/02/22 10:00
500-217392-46	P-31D	Water	05/27/22 15:48	06/02/22 10:00
500-217392-47	P-31IA	Water	05/27/22 16:05	06/02/22 10:00
500-217392-48	P-30D	Water	05/27/22 16:52	06/02/22 10:00
500-217392-49	P-30I	Water	05/27/22 16:52	06/02/22 10:00
500-217392-50	P-33S	Water	05/31/22 08:52	06/02/22 10:00
500-217392-51	P-33D	Water	05/31/22 09:05	06/02/22 10:00
500-217392-52	P-20SR	Water	05/31/22 09:50	06/02/22 10:00
500-217392-53	P-23D	Water	05/31/22 10:40	06/02/22 10:00
500-217392-54	P-23S	Water	05/31/22 10:40	06/02/22 10:00

Sample Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-217392-55	P-41D	Water	05/31/22 11:40	06/02/22 10:00
500-217392-56	Trip Blank	Water	05/23/22 06:00	06/02/22 10:00
500-217392-57	Trip Blank 2	Water	05/23/22 06:00	06/02/22 10:00
500-217392-58	FD-1	Water	05/25/22 00:00	06/02/22 10:00
500-217392-59	FD-2	Water	05/26/22 00:00	06/02/22 10:00
500-217392-60	FD-3	Water	05/27/22 00:00	06/02/22 10:00
500-217392-61	EB-1	Water	05/31/22 11:00	06/02/22 10:00
500-217392-62	Trip Blank 524.2	Water	05/24/22 00:00	06/02/22 10:00
500-217392-63	P-29	Water	05/26/22 00:00	06/02/22 10:00

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: 7872 Deer Run Road
Lab Sample ID: 500-217392-1
Date Collected: 05/23/22 16:11
Matrix: Water
Date Received: 06/02/22 10:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/02/22 16:23	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/02/22 16:23	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/02/22 16:23	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/02/22 16:23	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Styrene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Toluene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:23	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/02/22 16:23	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/02/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*		*06/02/22 16:23*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*82*		*70 - 130*		*06/02/22 16:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*06/02/22 16:23*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*06/02/22 16:23*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**750**				umhos/cm			05/23/22 16:11	1
Field Dissolved Oxygen	**93.6**				mg/L			05/23/22 16:11	1
Field pH	**7.32**				SU			05/23/22 16:11	1
Oxidation Reduction Potential	**107.1**				millivolts			05/23/22 16:11	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 7877 Deer Run Road

Date Collected: 05/23/22 16:29
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-2

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/02/22 16:46	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/02/22 16:46	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/02/22 16:46	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/02/22 16:46	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Styrene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Toluene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 16:46	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/02/22 16:46	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/02/22 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*06/02/22 16:46*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*75*		*70 - 130*		*06/02/22 16:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*06/02/22 16:46*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*06/02/22 16:46*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**619**				umhos/cm			05/23/22 16:29	1
Field Dissolved Oxygen	**98.7**				mg/L			05/23/22 16:29	1
Field pH	**7.47**				SU			05/23/22 16:29	1
Oxidation Reduction Potential	**120.7**				millivolts			05/23/22 16:29	1

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: 7911 Deer Run Road
Lab Sample ID: 500-217392-3
Date Collected: 05/23/22 16:51
Matrix: Water
Date Received: 06/02/22 10:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/02/22 17:09	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/02/22 17:09	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/02/22 17:09	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/02/22 17:09	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Styrene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Toluene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 17:09	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/02/22 17:09	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/02/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*06/02/22 17:09*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*83*		*70 - 130*		*06/02/22 17:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*06/02/22 17:09*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*06/02/22 17:09*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**642**				umhos/cm			05/23/22 16:51	1
Field Dissolved Oxygen	**109.3**				mg/L			05/23/22 16:51	1
Field pH	**7.54**				SU			05/23/22 16:51	1
Oxidation Reduction Potential	**119.6**				millivolts			05/23/22 16:51	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 7750 USH 14

Date Collected: 05/24/22 14:32
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-4

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 16:57	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
cis-1,2-Dichloroethene	**1.2**		0.50	0.20	ug/L			06/03/22 16:57	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 16:57	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 16:57	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 16:57	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
Tetrachloroethene	**1.7**		0.50	0.20	ug/L			06/03/22 16:57	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 16:57	1
Trichloroethene	**0.34**	**J**	0.50	0.20	ug/L			06/03/22 16:57	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 16:57	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*06/03/22 16:57*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*79*		*70 - 130*		*06/03/22 16:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*06/03/22 16:57*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*06/03/22 16:57*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**715**				umhos/cm			05/24/22 14:32	1
Field Dissolved Oxygen	**16.3**				mg/L			05/24/22 14:32	1
Field pH	**7.43**				SU			05/24/22 14:32	1
Field Temperature	**13.0**				Degrees C			05/24/22 14:32	1
Oxidation Reduction Potential	**54.2**				millivolts			05/24/22 14:32	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 7734 USH 14

Date Collected: 05/24/22 14:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-5

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 17:20	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
cis-1,2-Dichloroethene	**1.3**		0.50	0.20	ug/L			06/03/22 17:20	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 17:20	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 17:20	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 17:20	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
Tetrachloroethene	**3.1**		0.50	0.20	ug/L			06/03/22 17:20	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 17:20	1
Trichloroethene	**0.80**		0.50	0.20	ug/L			06/03/22 17:20	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 17:20	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*		*06/03/22 17:20*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*78*		*70 - 130*		*06/03/22 17:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*06/03/22 17:20*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*06/03/22 17:20*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**929**				umhos/cm			05/24/22 14:55	1
Field Dissolved Oxygen	**24.5**				mg/L			05/24/22 14:55	1
Field pH	**7.06**				SU			05/24/22 14:55	1
Field Temperature	**12.0**				Degrees C			05/24/22 14:55	1
Oxidation Reduction Potential	**139.0**				millivolts			05/24/22 14:55	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 4306 Fawn Court

Date Collected: 05/24/22 15:22
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-6

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 17:43	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 17:43	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 17:43	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 17:43	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 17:43	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 17:43	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*06/03/22 17:43*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*76*		*70 - 130*		*06/03/22 17:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*06/03/22 17:43*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*06/03/22 17:43*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**853**				umhos/cm			05/24/22 15:22	1
Field Dissolved Oxygen	**95.2**				mg/L			05/24/22 15:22	1
Field pH	**7.38**				SU			05/24/22 15:22	1
Field Temperature	**13.9**				Degrees C			05/24/22 15:22	1
Oxidation Reduction Potential	**169.9**				millivolts			05/24/22 15:22	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 4318 Fawn Court

Date Collected: 05/24/22 15:38
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-7

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 18:06	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 18:06	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 18:06	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 18:06	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:06	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 18:06	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*06/03/22 18:06*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*80*		*70 - 130*		*06/03/22 18:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*06/03/22 18:06*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*06/03/22 18:06*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**968**				umhos/cm			05/24/22 15:38	1
Field Dissolved Oxygen	**100.6**				mg/L			05/24/22 15:38	1
Field pH	**7.40**				SU			05/24/22 15:38	1
Field Temperature	**13.3**				Degrees C			05/24/22 15:38	1
Oxidation Reduction Potential	**162.9**				millivolts			05/24/22 15:38	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 4610 Rocky Dell Road

Date Collected: 05/24/22 16:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-8

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 18:29	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 18:29	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 18:29	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 18:29	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 18:29	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 18:29	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*06/03/22 18:29*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*76*		*70 - 130*		*06/03/22 18:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*06/03/22 18:29*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*06/03/22 18:29*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**730**				umhos/cm			05/24/22 16:00	1
Field Dissolved Oxygen	**86.5**				mg/L			05/24/22 16:00	1
Field pH	**7.39**				SU			05/24/22 16:00	1
Field Temperature	**10.7**				Degrees C			05/24/22 16:00	1
Oxidation Reduction Potential	**168.2**				millivolts			05/24/22 16:00	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-32S
Date Collected: 05/24/22 16:57
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-9
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/05/22 04:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/05/22 04:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/05/22 04:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/05/22 04:04	1
Bromoform	<0.48		1.0	0.48	ug/L			06/05/22 04:04	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/05/22 04:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/05/22 04:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/05/22 04:04	1
Chloroform	<0.37		2.0	0.37	ug/L			06/05/22 04:04	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/05/22 04:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/05/22 04:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/05/22 04:04	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/05/22 04:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/05/22 04:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/05/22 04:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/05/22 04:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/05/22 04:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/05/22 04:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/05/22 04:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/05/22 04:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/05/22 04:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/05/22 04:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/05/22 04:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/05/22 04:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/05/22 04:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/05/22 04:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/05/22 04:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/05/22 04:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/05/22 04:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/05/22 04:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/05/22 04:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/05/22 04:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/05/22 04:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/22 04:04	1
Styrene	<0.39		1.0	0.39	ug/L			06/05/22 04:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/22 04:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/05/22 04:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/05/22 04:04	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/05/22 04:04	1
Toluene	<0.15		0.50	0.15	ug/L			06/05/22 04:04	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/05/22 04:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/05/22 04:04	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-32S
Date Collected: 05/24/22 16:57
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-9
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/05/22 04:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/05/22 04:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/05/22 04:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/05/22 04:04	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/05/22 04:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/05/22 04:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/05/22 04:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/05/22 04:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/05/22 04:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/05/22 04:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/05/22 04:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/05/22 04:04	1
Acetone	<1.7		10	1.7	ug/L			06/05/22 04:04	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/05/22 04:04	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/05/22 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*06/05/22 04:04*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*06/05/22 04:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/05/22 04:04*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/05/22 04:04*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**21.05**				ft			05/24/22 16:57	1
Field Conductivity	**1715**				umhos/cm			05/24/22 16:57	1
Field Dissolved Oxygen	**78.9**				mg/L			05/24/22 16:57	1
Field pH	**7.00**				SU			05/24/22 16:57	1
Field Temperature	**10.4**				Degrees C			05/24/22 16:57	1
Oxidation Reduction Potential	**195.3**				millivolts			05/24/22 16:57	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-24E
Date Collected: 05/25/22 09:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-10
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/06/22 16:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 16:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 16:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 16:57	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 16:57	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 16:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 16:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 16:57	1
Chloroform	**0.46**	**J**	2.0	0.37	ug/L			06/06/22 16:57	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 16:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 16:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 16:57	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.41	ug/L			06/06/22 16:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 16:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 16:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 16:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 16:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 16:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 16:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 16:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 16:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 16:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 16:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 16:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 16:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 16:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 16:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 16:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 16:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/06/22 16:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 16:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 16:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 16:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 16:57	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 16:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 16:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 16:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 16:57	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 16:57	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 16:57	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 16:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 16:57	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-24E
Date Collected: 05/25/22 09:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-10
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 16:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 16:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 16:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 16:57	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 16:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 16:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 16:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 16:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 16:57	1
Vinyl chloride	**0.93**	**J**	1.0	0.20	ug/L			06/06/22 16:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 16:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 16:57	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 16:57	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/06/22 16:57	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*06/06/22 16:57*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*06/06/22 16:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/06/22 16:57*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/06/22 16:57*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**7.62**				ft			05/25/22 09:30	1
Field Conductivity	**629**				umhos/cm			05/25/22 09:30	1
Field Dissolved Oxygen	**90.6**				mg/L			05/25/22 09:30	1
Field pH	**6.94**				SU			05/25/22 09:30	1
Field Temperature	**9.5**				Degrees C			05/25/22 09:30	1
Oxidation Reduction Potential	**-19.8**				millivolts			05/25/22 09:30	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-24D

Date Collected: 05/25/22 10:15
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-11

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/06/22 17:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 17:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 17:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 17:21	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 17:21	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 17:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 17:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 17:21	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 17:21	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 17:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 17:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 17:21	1
cis-1,2-Dichloroethene	**1.9**		1.0	0.41	ug/L			06/06/22 17:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 17:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 17:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 17:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 17:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 17:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 17:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 17:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 17:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 17:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 17:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 17:21	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 17:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 17:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 17:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 17:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 17:21	1
Methylene Chloride	**2.2**	**J B**	5.0	1.6	ug/L			06/06/22 17:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 17:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 17:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 17:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 17:21	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 17:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 17:21	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 17:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 17:21	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 17:21	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 17:21	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 17:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 17:21	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-24D
Date Collected: 05/25/22 10:15
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-11
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 17:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 17:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 17:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 17:21	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 17:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 17:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 17:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 17:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 17:21	1
Vinyl chloride	**6.0**		1.0	0.20	ug/L			06/06/22 17:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 17:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 17:21	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 17:21	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/06/22 17:21	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/06/22 17:21*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*06/06/22 17:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/06/22 17:21*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/06/22 17:21*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**5.32**				ft			05/25/22 10:15	1
Field Conductivity	**763**				umhos/cm			05/25/22 10:15	1
Field Dissolved Oxygen	**7.3**				mg/L			05/25/22 10:15	1
Field pH	**6.89**				SU			05/25/22 10:15	1
Field Temperature	**9.3**				Degrees C			05/25/22 10:15	1
Oxidation Reduction Potential	**-8.4**				millivolts			05/25/22 10:15	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-8S
Date Collected: 05/25/22 11:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-12
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.51**		0.50	0.15	ug/L			06/06/22 17:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 17:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 17:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 17:44	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 17:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 17:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 17:44	1
Chlorobenzene	**4.3**		1.0	0.39	ug/L			06/06/22 17:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 17:44	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 17:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 17:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 17:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 17:44	1
cis-1,2-Dichloroethene	**19**		1.0	0.41	ug/L			06/06/22 17:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 17:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 17:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 17:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 17:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 17:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 17:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 17:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 17:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 17:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 17:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 17:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 17:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 17:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 17:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 17:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 17:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 17:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 17:44	1
Isopropylbenzene	**0.43**	**J**	1.0	0.39	ug/L			06/06/22 17:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 17:44	1
Methylene Chloride	**2.0**	**J B**	5.0	1.6	ug/L			06/06/22 17:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 17:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 17:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 17:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 17:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 17:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 17:44	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 17:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 17:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 17:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 17:44	1
Tetrachloroethene	**1.0**		1.0	0.37	ug/L			06/06/22 17:44	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 17:44	1
trans-1,2-Dichloroethene	**0.89**	**J**	1.0	0.35	ug/L			06/06/22 17:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 17:44	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-8S
Date Collected: 05/25/22 11:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-12
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 17:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 17:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 17:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 17:44	1
Trichloroethene	**2.7**		0.50	0.16	ug/L			06/06/22 17:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 17:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 17:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 17:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 17:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 17:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 17:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 17:44	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 17:44	1
Tetrahydrofuran	**98**		10	1.9	ug/L			06/06/22 17:44	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*06/06/22 17:44*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*06/06/22 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/06/22 17:44*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/06/22 17:44*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**10.49**				ft			05/25/22 11:10	1
Field Conductivity	**2420**				umhos/cm			05/25/22 11:10	1
Field Dissolved Oxygen	**3.8**				mg/L			05/25/22 11:10	1
Field pH	**6.36**				SU			05/25/22 11:10	1
Field Temperature	**8.8**				Degrees C			05/25/22 11:10	1
Oxidation Reduction Potential	**95.2**				millivolts			05/25/22 11:10	1

Client Sample ID: P-8D
Date Collected: 05/25/22 11:37
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-13
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/06/22 18:07	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:07	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 18:07	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 18:07	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 18:07	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 18:07	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 18:07	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 18:07	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 18:07	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 18:07	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 18:07	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 18:07	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.41	ug/L			06/06/22 18:07	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 18:07	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 18:07	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 18:07	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 18:07	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 18:07	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:07	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:07	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 18:07	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 18:07	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 18:07	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 18:07	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 18:07	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 18:07	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 18:07	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 18:07	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 18:07	1
Methylene Chloride	**2.2**	**J B**	5.0	1.6	ug/L			06/06/22 18:07	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 18:07	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 18:07	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 18:07	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:07	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 18:07	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:07	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 18:07	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 18:07	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 18:07	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 18:07	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 18:07	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 18:07	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-8D

Date Collected: 05/25/22 11:37
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-13

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 18:07	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 18:07	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 18:07	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 18:07	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 18:07	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 18:07	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 18:07	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:07	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 18:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 18:07	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 18:07	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 18:07	1
Acetone	**2.3**	**J**	10	1.7	ug/L			06/06/22 18:07	1
Tetrahydrofuran	**22**		10	1.9	ug/L			06/06/22 18:07	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*06/06/22 18:07*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*06/06/22 18:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*06/06/22 18:07*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/06/22 18:07*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**13.94**				ft			05/25/22 11:37	1
Field Conductivity	**1318**				umhos/cm			05/25/22 11:37	1
Field Dissolved Oxygen	**3.0**				mg/L			05/25/22 11:37	1
Field pH	**6.46**				SU			05/25/22 11:37	1
Field Temperature	**10.2**				Degrees C			05/25/22 11:37	1
Oxidation Reduction Potential	**87.6**				millivolts			05/25/22 11:37	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-9S
Date Collected: 05/25/22 12:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-14
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.76**		0.50	0.15	ug/L			06/06/22 18:30	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:30	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 18:30	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 18:30	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 18:30	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 18:30	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 18:30	1
Chlorobenzene	**0.46**	**J**	1.0	0.39	ug/L			06/06/22 18:30	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 18:30	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 18:30	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 18:30	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 18:30	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 18:30	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.41	ug/L			06/06/22 18:30	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 18:30	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 18:30	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 18:30	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 18:30	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 18:30	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:30	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:30	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 18:30	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 18:30	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 18:30	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 18:30	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 18:30	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 18:30	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 18:30	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 18:30	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
Isopropyl ether	**0.34**	**J**	1.0	0.28	ug/L			06/06/22 18:30	1
Methylene Chloride	**2.0**	**J B**	5.0	1.6	ug/L			06/06/22 18:30	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 18:30	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 18:30	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 18:30	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:30	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 18:30	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:30	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 18:30	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 18:30	1
Tetrachloroethene	**0.84**	**J**	1.0	0.37	ug/L			06/06/22 18:30	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 18:30	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 18:30	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 18:30	1

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: P-9S
Lab Sample ID: 500-217392-14
Date Collected: 05/25/22 12:55
Matrix: Water
Date Received: 06/02/22 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 18:30	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 18:30	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 18:30	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 18:30	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 18:30	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 18:30	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 18:30	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:30	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 18:30	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 18:30	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 18:30	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 18:30	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 18:30	1
Tetrahydrofuran	**110**		10	1.9	ug/L			06/06/22 18:30	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/06/22 18:30*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*06/06/22 18:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/06/22 18:30*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/06/22 18:30*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**8.55**				ft			05/25/22 12:55	1
Field Conductivity	**3853**				umhos/cm			05/25/22 12:55	1
Field Dissolved Oxygen	**-0.1**				mg/L			05/25/22 12:55	1
Field pH	**6.30**				SU			05/25/22 12:55	1
Field Temperature	**8.9**				Degrees C			05/25/22 12:55	1
Oxidation Reduction Potential	**2.2**				millivolts			05/25/22 12:55	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-9D

Date Collected: 05/25/22 13:20
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-15

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3.5**		0.50	0.15	ug/L			06/06/22 18:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 18:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 18:53	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 18:53	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 18:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 18:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 18:53	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 18:53	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 18:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 18:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 18:53	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/06/22 18:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 18:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 18:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 18:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 18:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 18:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 18:53	1
1,1-Dichloroethane	**1.7**		1.0	0.41	ug/L			06/06/22 18:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 18:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 18:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 18:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 18:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 18:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 18:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
Isopropyl ether	**0.35**	**J**	1.0	0.28	ug/L			06/06/22 18:53	1
Methylene Chloride	**2.0**	**J B**	5.0	1.6	ug/L			06/06/22 18:53	1
Methyl tert-butyl ether	**0.41**	**J**	1.0	0.39	ug/L			06/06/22 18:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 18:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 18:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 18:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:53	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 18:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 18:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 18:53	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 18:53	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 18:53	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 18:53	1
trans-1,2-Dichloroethene	**0.80**	**J**	1.0	0.35	ug/L			06/06/22 18:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 18:53	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-9D

Date Collected: 05/25/22 13:20
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-15

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 18:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 18:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 18:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 18:53	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 18:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 18:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 18:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 18:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 18:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 18:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 18:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 18:53	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 18:53	1
Tetrahydrofuran	**100**		10	1.9	ug/L			06/06/22 18:53	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*72 - 124*		*06/06/22 18:53*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*06/06/22 18:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*06/06/22 18:53*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/06/22 18:53*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**9.52**				ft			05/25/22 13:20	1
Field Conductivity	**3343**				umhos/cm			05/25/22 13:20	1
Field Dissolved Oxygen	**0.9**				mg/L			05/25/22 13:20	1
Field pH	**6.35**				SU			05/25/22 13:20	1
Field Temperature	**10.2**				Degrees C			05/25/22 13:20	1
Oxidation Reduction Potential	**-82.9**				millivolts			05/25/22 13:20	1

Client Sample ID: P-8BR
Date Collected: 05/25/22 13:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-16
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.39**	**J**	0.50	0.15	ug/L			06/06/22 19:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 19:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 19:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 19:16	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 19:16	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 19:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 19:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 19:16	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 19:16	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 19:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 19:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 19:16	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.41	ug/L			06/06/22 19:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 19:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 19:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 19:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 19:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 19:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 19:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 19:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 19:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 19:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 19:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 19:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 19:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 19:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 19:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 19:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 19:16	1
Methylene Chloride	**2.3**	**J B**	5.0	1.6	ug/L			06/06/22 19:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 19:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 19:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 19:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 19:16	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 19:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 19:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 19:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 19:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 19:16	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 19:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 19:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 19:16	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-8BR
Date Collected: 05/25/22 13:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-16
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 19:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 19:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 19:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 19:16	1
Trichloroethene	**2.3**		0.50	0.16	ug/L			06/06/22 19:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 19:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 19:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 19:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 19:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 19:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 19:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 19:16	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 19:16	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/06/22 19:16	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/06/22 19:16*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*06/06/22 19:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/06/22 19:16*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/06/22 19:16*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**770**				umhos/cm			05/25/22 13:40	1
Field Dissolved Oxygen	**6.3**				mg/L			05/25/22 13:40	1
Field pH	**7.01**				SU			05/25/22 13:40	1
Field Temperature	**10.8**				Degrees C			05/25/22 13:40	1
Oxidation Reduction Potential	**-98.4**				millivolts			05/25/22 13:40	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21BR
Date Collected: 05/25/22 15:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-17
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/06/22 19:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 19:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 19:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 19:38	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 19:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 19:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 19:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 19:38	1
Chloroform	**0.41**	**J**	2.0	0.37	ug/L			06/06/22 19:38	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 19:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 19:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 19:38	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.41	ug/L			06/06/22 19:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 19:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 19:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 19:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 19:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 19:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 19:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 19:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 19:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 19:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 19:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 19:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 19:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 19:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 19:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 19:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 19:38	1
Methylene Chloride	**2.2**	**J B**	5.0	1.6	ug/L			06/06/22 19:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 19:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 19:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 19:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 19:38	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 19:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 19:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 19:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 19:38	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 19:38	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 19:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 19:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 19:38	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21BR
Date Collected: 05/25/22 15:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-17
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 19:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 19:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 19:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 19:38	1
Trichloroethene	**2.4**		0.50	0.16	ug/L			06/06/22 19:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 19:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 19:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 19:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 19:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 19:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 19:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 19:38	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 19:38	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/06/22 19:38	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/06/22 19:38*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*06/06/22 19:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*06/06/22 19:38*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/06/22 19:38*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**758**				umhos/cm			05/25/22 15:52	1
Field Dissolved Oxygen	**0.3**				mg/L			05/25/22 15:52	1
Field pH	**7.07**				SU			05/25/22 15:52	1
Field Temperature	**11.4**				Degrees C			05/25/22 15:52	1
Oxidation Reduction Potential	**-88.5**				millivolts			05/25/22 15:52	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21S
Date Collected: 05/25/22 15:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-18
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/06/22 20:01	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 20:01	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 20:01	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 20:01	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 20:01	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 20:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 20:01	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 20:01	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 20:01	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 20:01	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 20:01	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 20:01	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/06/22 20:01	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 20:01	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 20:01	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 20:01	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 20:01	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 20:01	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 20:01	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 20:01	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 20:01	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 20:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 20:01	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 20:01	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 20:01	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 20:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 20:01	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 20:01	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 20:01	1
Methylene Chloride	**2.3**	**J B**	5.0	1.6	ug/L			06/06/22 20:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/06/22 20:01	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 20:01	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 20:01	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 20:01	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 20:01	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 20:01	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 20:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 20:01	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 20:01	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 20:01	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 20:01	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 20:01	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21S
Date Collected: 05/25/22 15:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-18
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/06/22 20:01	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 20:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 20:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 20:01	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 20:01	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 20:01	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 20:01	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 20:01	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 20:01	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 20:01	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 20:01	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 20:01	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 20:01	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/06/22 20:01	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/06/22 20:01*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*06/06/22 20:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*06/06/22 20:01*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/06/22 20:01*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**15.55**				ft			05/25/22 15:30	1
Field Conductivity	**1331**				umhos/cm			05/25/22 15:30	1
Field Dissolved Oxygen	**3.8**				mg/L			05/25/22 15:30	1
Field pH	**6.77**				SU			05/25/22 15:30	1
Field Temperature	**9.6**				Degrees C			05/25/22 15:30	1
Oxidation Reduction Potential	**81.3**				millivolts			05/25/22 15:30	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21D

Date Collected: 05/25/22 15:56
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-19

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.4**		0.50	0.15	ug/L			06/07/22 17:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 17:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 17:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 17:24	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 17:24	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 17:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 17:24	1
Chlorobenzene	**1.5**		1.0	0.39	ug/L			06/07/22 17:24	1
Chloroethane	<0.51	F1	1.0	0.51	ug/L			06/07/22 17:24	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 17:24	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 17:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 17:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 17:24	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.41	ug/L			06/07/22 17:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 17:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 17:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 17:24	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 17:24	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 17:24	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 17:24	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 17:24	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 17:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 17:24	1
1,1-Dichloroethane	**2.2**		1.0	0.41	ug/L			06/07/22 17:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 17:24	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 17:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 17:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 17:24	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 17:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 17:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 17:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 17:24	1
Isopropylbenzene	**0.76**	**J**	1.0	0.39	ug/L			06/07/22 17:24	1
Isopropyl ether	**0.44**	**J**	1.0	0.28	ug/L			06/07/22 17:24	1
Methylene Chloride	**1.6**	**J**	5.0	1.6	ug/L			06/07/22 17:24	1
Methyl tert-butyl ether	**0.75**	**J**	1.0	0.39	ug/L			06/07/22 17:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 17:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 17:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 17:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 17:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 17:24	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 17:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 17:24	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 17:24	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 17:24	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 17:24	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 17:24	1
trans-1,2-Dichloroethene	**0.95**	**J**	1.0	0.35	ug/L			06/07/22 17:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 17:24	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21D
Date Collected: 05/25/22 15:56
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-19
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 17:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 17:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 17:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 17:24	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 17:24	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 17:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 17:24	1
1,2,4-Trimethylbenzene	**0.50**	**J**	1.0	0.36	ug/L			06/07/22 17:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 17:24	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 17:24	1
Xylenes, Total	**1.2**		1.0	0.22	ug/L			06/07/22 17:24	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 17:24	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 17:24	1
Tetrahydrofuran	**210**	**F1**	10	1.9	ug/L			06/07/22 17:24	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*06/07/22 17:24*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/07/22 17:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*06/07/22 17:24*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/07/22 17:24*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**12.99**				ft			05/25/22 15:56	1
Field Conductivity	**7014**				umhos/cm			05/25/22 15:56	1
Field Dissolved Oxygen	**2.7**				mg/L			05/25/22 15:56	1
Field pH	**6.30**				SU			05/25/22 15:56	1
Field Temperature	**11.4**				Degrees C			05/25/22 15:56	1
Oxidation Reduction Potential	**4.8**				millivolts			05/25/22 15:56	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-16D
Date Collected: 05/26/22 07:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-20
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.2**		0.50	0.15	ug/L			06/07/22 17:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 17:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 17:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 17:47	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 17:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 17:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 17:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 17:47	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 17:47	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 17:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 17:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 17:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 17:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 17:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 17:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 17:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 17:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 17:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 17:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 17:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 17:47	1
1,1-Dichloroethane	**0.87**	**J**	1.0	0.41	ug/L			06/07/22 17:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 17:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 17:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 17:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 17:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 17:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 17:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 17:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 17:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 17:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 17:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 17:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 17:47	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 17:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 17:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 17:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 17:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 17:47	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 17:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 17:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 17:47	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-16D

Date Collected: 05/26/22 07:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-20

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 17:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 17:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 17:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 17:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 17:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 17:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 17:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 17:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 17:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 17:47	1
Xylenes, Total	**0.34**	**J**	1.0	0.22	ug/L			06/07/22 17:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 17:47	1
Acetone	**2.2**	**J**	10	1.7	ug/L			06/07/22 17:47	1
Tetrahydrofuran	**32**		10	1.9	ug/L			06/07/22 17:47	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/07/22 17:47*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*06/07/22 17:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*06/07/22 17:47*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/07/22 17:47*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**18.29**				ft			05/26/22 07:40	1
Field Conductivity	**2289**				umhos/cm			05/26/22 07:40	1
Field Dissolved Oxygen	**1.5**				mg/L			05/26/22 07:40	1
Field pH	**6.60**				SU			05/26/22 07:40	1
Field Temperature	**11.8**				Degrees C			05/26/22 07:40	1
Oxidation Reduction Potential	**-8.1**				millivolts			05/26/22 07:40	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-32D
Date Collected: 05/26/22 07:45
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-21
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 18:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 18:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 18:10	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 18:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 18:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 18:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 18:10	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 18:10	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 18:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 18:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 18:10	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 18:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 18:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 18:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 18:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 18:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 18:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 18:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 18:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 18:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 18:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 18:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 18:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 18:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 18:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 18:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 18:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 18:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 18:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 18:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:10	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 18:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 18:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 18:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 18:10	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 18:10	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 18:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 18:10	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-32D
Date Collected: 05/26/22 07:45
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-21
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 18:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 18:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 18:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 18:10	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 18:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 18:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 18:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 18:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 18:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/07/22 18:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 18:10	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 18:10	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 18:10	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*06/07/22 18:10*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*06/07/22 18:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/07/22 18:10*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/07/22 18:10*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**21.83**				ft			05/26/22 07:45	1
Field Conductivity	**779**				umhos/cm			05/26/22 07:45	1
Field Dissolved Oxygen	**6.2**				mg/L			05/26/22 07:45	1
Field pH	**7.28**				SU			05/26/22 07:45	1
Field Temperature	**10.6**				Degrees C			05/26/22 07:45	1
Oxidation Reduction Potential	**-97.1**				millivolts			05/26/22 07:45	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-16S
Date Collected: 05/26/22 08:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-22
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 18:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 18:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 18:33	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 18:33	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 18:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 18:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 18:33	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 18:33	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 18:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 18:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 18:33	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 18:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 18:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 18:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 18:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 18:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 18:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 18:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 18:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 18:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 18:33	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 18:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 18:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 18:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 18:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 18:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 18:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 18:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 18:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 18:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:33	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 18:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:33	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 18:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 18:33	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 18:33	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 18:33	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 18:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 18:33	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-16S
Date Collected: 05/26/22 08:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-22
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 18:33	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 18:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 18:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 18:33	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 18:33	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 18:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 18:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 18:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 18:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/07/22 18:33	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 18:33	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 18:33	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 18:33	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/07/22 18:33*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*06/07/22 18:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*06/07/22 18:33*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*06/07/22 18:33*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**15.42**				ft			05/26/22 08:10	1
Field Conductivity	**684**				umhos/cm			05/26/22 08:10	1
Field Dissolved Oxygen	**11.0**				mg/L			05/26/22 08:10	1
Field pH	**6.63**				SU			05/26/22 08:10	1
Field Temperature	**10.2**				Degrees C			05/26/22 08:10	1
Oxidation Reduction Potential	**94.6**				millivolts			05/26/22 08:10	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-18S
Date Collected: 05/26/22 08:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-23
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 18:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 18:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 18:56	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 18:56	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 18:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 18:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 18:56	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 18:56	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 18:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 18:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 18:56	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 18:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 18:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 18:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 18:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 18:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 18:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 18:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 18:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 18:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 18:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 18:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 18:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 18:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 18:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 18:56	1
Methylene Chloride	**1.6**	**J**	5.0	1.6	ug/L			06/07/22 18:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 18:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 18:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 18:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:56	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 18:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 18:56	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 18:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 18:56	1
Tetrachloroethene	**7.8**		1.0	0.37	ug/L			06/07/22 18:56	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 18:56	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 18:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 18:56	1

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: P-18S
Lab Sample ID: 500-217392-23
Date Collected: 05/26/22 08:52
Matrix: Water
Date Received: 06/02/22 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 18:56	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 18:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 18:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 18:56	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 18:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 18:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 18:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 18:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 18:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 18:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/07/22 18:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 18:56	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 18:56	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 18:56	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*06/07/22 18:56*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*06/07/22 18:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*06/07/22 18:56*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/07/22 18:56*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**97.23**				ft			05/26/22 08:52	1
Field Conductivity	**687**				umhos/cm			05/26/22 08:52	1
Field Dissolved Oxygen	**84.9**				mg/L			05/26/22 08:52	1
Field pH	**7.26**				SU			05/26/22 08:52	1
Field Temperature	**11.5**				Degrees C			05/26/22 08:52	1
Oxidation Reduction Potential	**80.7**				millivolts			05/26/22 08:52	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-17S
Date Collected: 05/26/22 09:46
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-24
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 19:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 19:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 19:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 19:19	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 19:19	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 19:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 19:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 19:19	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 19:19	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 19:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 19:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 19:19	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 19:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 19:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 19:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 19:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 19:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 19:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 19:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 19:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 19:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 19:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 19:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 19:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 19:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 19:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 19:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 19:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 19:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 19:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 19:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 19:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 19:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 19:19	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 19:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 19:19	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 19:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 19:19	1
Tetrachloroethene	**2.2**		1.0	0.37	ug/L			06/07/22 19:19	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 19:19	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 19:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 19:19	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-17S
Date Collected: 05/26/22 09:46
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-24
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 19:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 19:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 19:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 19:19	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 19:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 19:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 19:19	1
1,2,4-Trimethylbenzene	**0.42**	**J**	1.0	0.36	ug/L			06/07/22 19:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 19:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 19:19	1
Xylenes, Total	**0.52**	**J**	1.0	0.22	ug/L			06/07/22 19:19	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 19:19	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 19:19	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 19:19	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*06/07/22 19:19*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*06/07/22 19:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/07/22 19:19*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/07/22 19:19*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**146.85**				ft			05/26/22 09:46	1
Field Conductivity	**1030**				umhos/cm			05/26/22 09:46	1
Field Dissolved Oxygen	**25.5**				mg/L			05/26/22 09:46	1
Field pH	**6.58**				SU			05/26/22 09:46	1
Field Temperature	**11.6**				Degrees C			05/26/22 09:46	1
Oxidation Reduction Potential	**134.9**				millivolts			05/26/22 09:46	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-34S
Date Collected: 05/26/22 11:25
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-25
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 19:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 19:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 19:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 19:42	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 19:42	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 19:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 19:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 19:42	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 19:42	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 19:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 19:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 19:42	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 19:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 19:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 19:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 19:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 19:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 19:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 19:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 19:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 19:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 19:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 19:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 19:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 19:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 19:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 19:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 19:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 19:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 19:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 19:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 19:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 19:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 19:42	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 19:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 19:42	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 19:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 19:42	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 19:42	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 19:42	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 19:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 19:42	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-34S
Date Collected: 05/26/22 11:25
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-25
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 19:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 19:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 19:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 19:42	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 19:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 19:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 19:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 19:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 19:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 19:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/07/22 19:42	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 19:42	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 19:42	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 19:42	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*06/07/22 19:42*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*06/07/22 19:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*06/07/22 19:42*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/07/22 19:42*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**160.60**				ft			05/26/22 11:25	1
Field Conductivity	**584**				umhos/cm			05/26/22 11:25	1
Field Dissolved Oxygen	**91.7**				mg/L			05/26/22 11:25	1
Field pH	**7.46**				SU			05/26/22 11:25	1
Field Temperature	**12.6**				Degrees C			05/26/22 11:25	1
Oxidation Reduction Potential	**93.2**				millivolts			05/26/22 11:25	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-34D
Date Collected: 05/26/22 11:28
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-26
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 20:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 20:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 20:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 20:05	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 20:05	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 20:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 20:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 20:05	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 20:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 20:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 20:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 20:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 20:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 20:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 20:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 20:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 20:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 20:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 20:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 20:05	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 20:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 20:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 20:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 20:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 20:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 20:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 20:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 20:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 20:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 20:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 20:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 20:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 20:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 20:05	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 20:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 20:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 20:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 20:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 20:05	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 20:05	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 20:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 20:05	1

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: P-34D
Lab Sample ID: 500-217392-26
Date Collected: 05/26/22 11:28
Matrix: Water
Date Received: 06/02/22 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 20:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 20:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 20:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 20:05	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 20:05	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 20:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 20:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 20:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 20:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 20:05	1
Xylenes, Total	**0.54**	**J**	1.0	0.22	ug/L			06/07/22 20:05	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 20:05	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 20:05	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 20:05	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/07/22 20:05*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*06/07/22 20:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*06/07/22 20:05*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*06/07/22 20:05*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**163.71**				ft			05/26/22 11:28	1
Field Conductivity	**513**				umhos/cm			05/26/22 11:28	1
Field Dissolved Oxygen	**78.1**				mg/L			05/26/22 11:28	1
Field pH	**7.20**				SU			05/26/22 11:28	1
Field Temperature	**10.7**				Degrees C			05/26/22 11:28	1
Oxidation Reduction Potential	**146.4**				millivolts			05/26/22 11:28	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-35D
Date Collected: 05/26/22 14:06
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-27
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 20:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 20:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 20:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 20:28	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 20:28	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 20:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 20:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 20:28	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 20:28	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 20:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 20:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 20:28	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 20:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 20:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 20:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 20:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 20:28	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 20:28	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 20:28	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 20:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 20:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 20:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 20:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 20:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 20:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 20:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 20:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 20:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 20:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 20:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/07/22 20:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 20:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 20:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 20:28	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 20:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 20:28	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 20:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 20:28	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 20:28	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 20:28	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 20:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 20:28	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-35D
Date Collected: 05/26/22 14:06
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-27
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/07/22 20:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 20:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 20:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 20:28	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 20:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 20:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 20:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 20:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 20:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 20:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/07/22 20:28	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 20:28	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 20:28	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 20:28	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*72 - 124*		*06/07/22 20:28*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*06/07/22 20:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*06/07/22 20:28*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*06/07/22 20:28*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**539**				umhos/cm			05/26/22 14:06	1
Field Dissolved Oxygen	**68.7**				mg/L			05/26/22 14:06	1
Field pH	**7.25**				SU			05/26/22 14:06	1
Field Temperature	**10.2**				Degrees C			05/26/22 14:06	1
Oxidation Reduction Potential	**110.4**				millivolts			05/26/22 14:06	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-35S
Date Collected: 05/26/22 14:06
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-28
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 16:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 16:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 16:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 16:16	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 16:16	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 16:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 16:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 16:16	1
Chloroform	**0.41**	**J B**	2.0	0.37	ug/L			06/08/22 16:16	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 16:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 16:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 16:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 16:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 16:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 16:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 16:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 16:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 16:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 16:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 16:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 16:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 16:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 16:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 16:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 16:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 16:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 16:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 16:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 16:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 16:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 16:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 16:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 16:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 16:16	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 16:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 16:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 16:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 16:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/08/22 16:16	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 16:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 16:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 16:16	1

Client Sample ID: P-35S
Date Collected: 05/26/22 14:06
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-28
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 16:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 16:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 16:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 16:16	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/08/22 16:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 16:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 16:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 16:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 16:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 16:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 16:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 16:16	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 16:16	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 16:16	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*06/08/22 16:16*	*1*
Dibromofluoromethane (Surr)	*116*		*75 - 120*		*06/08/22 16:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*	*X*	*75 - 126*		*06/08/22 16:16*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/08/22 16:16*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**512**				umhos/cm			05/26/22 14:06	1
Field Dissolved Oxygen	**89.2**				mg/L			05/26/22 14:06	1
Field pH	**7.24**				SU			05/26/22 14:06	1
Field Temperature	**17.3**				Degrees C			05/26/22 14:06	1
Oxidation Reduction Potential	**162.6**				millivolts			05/26/22 14:06	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-27D

Date Collected: 05/26/22 15:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-29

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 14:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 14:34	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 14:34	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 14:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 14:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 14:34	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 14:34	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 14:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 14:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 14:34	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 14:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 14:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 14:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 14:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 14:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 14:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 14:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 14:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 14:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 14:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 14:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 14:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 14:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 14:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 14:34	1
Methylene Chloride	**4.9**	**J B**	5.0	1.6	ug/L			06/09/22 14:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
Naphthalene	**0.34**	**J B**	1.0	0.34	ug/L			06/09/22 14:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 14:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 14:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:34	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 14:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 14:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 14:34	1
Tetrachloroethene	**7.2**		1.0	0.37	ug/L			06/09/22 14:34	1
Toluene	**0.19**	**J**	0.50	0.15	ug/L			06/09/22 14:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 14:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 14:34	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-27D
Date Collected: 05/26/22 15:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-29
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 14:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 14:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 14:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 14:34	1
Trichloroethene	**1.3**		0.50	0.16	ug/L			06/09/22 14:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 14:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 14:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 14:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 14:34	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 14:34	1
Acetone	**8.7**	**J B**	10	1.7	ug/L			06/09/22 14:34	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 14:34	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/09/22 14:34*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/09/22 14:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*06/09/22 14:34*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/09/22 14:34*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**882**				umhos/cm			05/26/22 15:05	1
Field Dissolved Oxygen	**33.0**				mg/L			05/26/22 15:05	1
Field pH	**6.80**				SU			05/26/22 15:05	1
Field Temperature	**12.7**				Degrees C			05/26/22 15:05	1
Oxidation Reduction Potential	**143.4**				millivolts			05/26/22 15:05	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-27S
Date Collected: 05/26/22 15:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-30
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 14:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 14:57	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 14:57	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 14:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 14:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 14:57	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 14:57	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 14:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 14:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 14:57	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 14:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 14:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 14:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 14:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 14:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 14:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 14:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 14:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 14:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 14:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 14:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 14:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 14:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 14:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 14:57	1
Methylene Chloride	**4.2**	**J B**	5.0	1.6	ug/L			06/09/22 14:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 14:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 14:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 14:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:57	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 14:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 14:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 14:57	1
Tetrachloroethene	**2.2**		1.0	0.37	ug/L			06/09/22 14:57	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 14:57	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 14:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 14:57	1

Client Sample ID: P-27S

Date Collected: 05/26/22 15:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-30

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 14:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 14:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 14:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 14:57	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 14:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 14:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 14:57	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 14:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 14:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 14:57	1
Acetone	**4.5**	**J B**	10	1.7	ug/L			06/09/22 14:57	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 14:57	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/09/22 14:57*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*06/09/22 14:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*06/09/22 14:57*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*06/09/22 14:57*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**175.51**				ft			05/26/22 15:30	1
Field Conductivity	**897**				umhos/cm			05/26/22 15:30	1
Field Dissolved Oxygen	**32.2**				mg/L			05/26/22 15:30	1
Field pH	**6.75**				SU			05/26/22 15:30	1
Field Temperature	**11.1**				Degrees C			05/26/22 15:30	1
Oxidation Reduction Potential	**124.0**				millivolts			05/26/22 15:30	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-26S
Date Collected: 05/26/22 17:08
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-31
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 17:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 17:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 17:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 17:37	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 17:37	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 17:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 17:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 17:37	1
Chloroform	<0.37		2.0	0.37	ug/L			06/08/22 17:37	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 17:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 17:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 17:37	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 17:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 17:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 17:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 17:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 17:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 17:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 17:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 17:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 17:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 17:37	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 17:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 17:37	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 17:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 17:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 17:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 17:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 17:37	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 17:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 17:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 17:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 17:37	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 17:37	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 17:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 17:37	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 17:37	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 17:37	1
Tetrachloroethene	**0.72**	**J**	1.0	0.37	ug/L			06/08/22 17:37	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 17:37	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 17:37	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 17:37	1

Client Sample ID: P-26S
Date Collected: 05/26/22 17:08
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-31
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 17:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 17:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 17:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 17:37	1
Trichloroethene	**0.17**	**J**	0.50	0.16	ug/L			06/08/22 17:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 17:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 17:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 17:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 17:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 17:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 17:37	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 17:37	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 17:37	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 17:37	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*06/08/22 17:37*	*1*
Dibromofluoromethane (Surr)	*117*		*75 - 120*		*06/08/22 17:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*	*X*	*75 - 126*		*06/08/22 17:37*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/08/22 17:37*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**222.53**				ft			05/26/22 17:08	1
Field Conductivity	**789**				umhos/cm			05/26/22 17:08	1
Field Dissolved Oxygen	**83.2**				mg/L			05/26/22 17:08	1
Field pH	**7.06**				SU			05/26/22 17:08	1
Field Temperature	**13.4**				Degrees C			05/26/22 17:08	1
Oxidation Reduction Potential	**132.4**				millivolts			05/26/22 17:08	1

Client Sample ID: P-28S
Date Collected: 05/26/22 17:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-32
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 18:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 18:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 18:04	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 18:04	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 18:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 18:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 18:04	1
Chloroform	**0.43**	**J B**	2.0	0.37	ug/L			06/08/22 18:04	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 18:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 18:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 18:04	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 18:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 18:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 18:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 18:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 18:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 18:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 18:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 18:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 18:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 18:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 18:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 18:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 18:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 18:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 18:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 18:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 18:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 18:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 18:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:04	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 18:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 18:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 18:04	1
Tetrachloroethene	**0.53**	**J**	1.0	0.37	ug/L			06/08/22 18:04	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 18:04	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 18:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 18:04	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-28S
Date Collected: 05/26/22 17:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-32
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 18:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 18:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 18:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 18:04	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/08/22 18:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 18:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 18:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 18:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 18:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 18:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 18:04	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 18:04	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 18:04	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*06/08/22 18:04*	*1*
Dibromofluoromethane (Surr)	*117*		*75 - 120*		*06/08/22 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*	*X*	*75 - 126*		*06/08/22 18:04*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/08/22 18:04*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**200.36**				ft			05/26/22 17:55	1
Field Conductivity	**628**				umhos/cm			05/26/22 17:55	1
Field Dissolved Oxygen	**71.9**				mg/L			05/26/22 17:55	1
Field pH	**7.09**				SU			05/26/22 17:55	1
Field Temperature	**10.5**				Degrees C			05/26/22 17:55	1
Oxidation Reduction Potential	**132.8**				millivolts			05/26/22 17:55	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-43S
Date Collected: 05/27/22 07:45
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-33
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 18:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 18:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 18:31	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 18:31	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 18:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 18:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 18:31	1
Chloroform	**0.81**	**J B**	2.0	0.37	ug/L			06/08/22 18:31	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 18:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 18:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 18:31	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 18:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 18:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 18:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 18:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 18:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 18:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 18:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 18:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 18:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 18:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 18:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 18:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 18:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 18:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 18:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 18:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 18:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 18:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 18:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:31	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 18:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 18:31	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 18:31	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/08/22 18:31	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 18:31	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 18:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 18:31	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-43S
Date Collected: 05/27/22 07:45
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-33
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 18:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 18:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 18:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 18:31	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/08/22 18:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 18:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 18:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 18:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 18:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 18:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 18:31	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 18:31	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 18:31	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*06/08/22 18:31*	*1*
Dibromofluoromethane (Surr)	*119*		*75 - 120*		*06/08/22 18:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*	*X*	*75 - 126*		*06/08/22 18:31*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*06/08/22 18:31*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**192.21**				ft			05/27/22 07:45	1
Field Conductivity	**611**				umhos/cm			05/27/22 07:45	1
Field Dissolved Oxygen	**90.5**				mg/L			05/27/22 07:45	1
Field pH	**7.25**				SU			05/27/22 07:45	1
Field Temperature	**10.3**				Degrees C			05/27/22 07:45	1
Oxidation Reduction Potential	**106.4**				millivolts			05/27/22 07:45	1

Client Sample ID: P-43I
Date Collected: 05/27/22 08:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-34
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 18:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 18:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 18:58	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 18:58	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 18:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 18:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 18:58	1
Chloroform	**0.65**	**J B**	2.0	0.37	ug/L			06/08/22 18:58	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 18:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 18:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 18:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 18:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 18:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 18:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 18:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 18:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 18:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 18:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 18:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 18:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 18:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 18:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 18:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 18:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 18:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 18:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 18:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 18:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 18:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 18:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:58	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 18:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 18:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 18:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 18:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/08/22 18:58	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 18:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 18:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 18:58	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-43I
Date Collected: 05/27/22 08:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-34
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 18:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 18:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 18:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 18:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/08/22 18:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 18:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 18:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 18:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 18:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 18:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 18:58	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 18:58	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 18:58	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 18:58	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*06/08/22 18:58*	*1*
Dibromofluoromethane (Surr)	*117*		*75 - 120*		*06/08/22 18:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*	*X*	*75 - 126*		*06/08/22 18:58*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/08/22 18:58*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**192.12**				ft			05/27/22 08:10	1
Field Conductivity	**593**				umhos/cm			05/27/22 08:10	1
Field Dissolved Oxygen	**76.4**				mg/L			05/27/22 08:10	1
Field pH	**7.08**				SU			05/27/22 08:10	1
Field Temperature	**10.3**				Degrees C			05/27/22 08:10	1
Oxidation Reduction Potential	**155.3**				millivolts			05/27/22 08:10	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-43D

Date Collected: 05/27/22 08:59
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-35

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 19:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 19:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 19:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 19:24	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 19:24	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 19:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 19:24	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 19:24	1
Chloroform	**0.42**	**J B**	2.0	0.37	ug/L			06/08/22 19:24	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 19:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 19:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 19:24	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 19:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 19:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 19:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 19:24	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 19:24	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 19:24	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 19:24	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 19:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 19:24	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 19:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 19:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 19:24	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 19:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 19:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 19:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 19:24	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 19:24	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 19:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 19:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 19:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 19:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 19:24	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 19:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 19:24	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 19:24	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 19:24	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/08/22 19:24	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 19:24	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 19:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 19:24	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-43D
Date Collected: 05/27/22 08:59
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-35
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 19:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 19:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 19:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 19:24	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/08/22 19:24	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 19:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 19:24	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 19:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 19:24	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 19:24	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 19:24	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 19:24	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 19:24	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 19:24	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*06/08/22 19:24*	*1*
Dibromofluoromethane (Surr)	*117*		*75 - 120*		*06/08/22 19:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*	*X*	*75 - 126*		*06/08/22 19:24*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/08/22 19:24*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**561**				umhos/cm			05/27/22 08:59	1
Field Dissolved Oxygen	**50.0**				mg/L			05/27/22 08:59	1
Field pH	**6.97**				SU			05/27/22 08:59	1
Field Temperature	**11.7**				Degrees C			05/27/22 08:59	1
Oxidation Reduction Potential	**95.2**				millivolts			05/27/22 08:59	1

Client Sample ID: P-22D
Date Collected: 05/27/22 09:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-36
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 19:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 19:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 19:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 19:51	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 19:51	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 19:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 19:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 19:51	1
Chloroform	**0.45**	**J B**	2.0	0.37	ug/L			06/08/22 19:51	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 19:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 19:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 19:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 19:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 19:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 19:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 19:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 19:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 19:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 19:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 19:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 19:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 19:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 19:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 19:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 19:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 19:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 19:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 19:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 19:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 19:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 19:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 19:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 19:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 19:51	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 19:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 19:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 19:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 19:51	1
Tetrachloroethene	**0.66**	**J**	1.0	0.37	ug/L			06/08/22 19:51	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 19:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 19:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 19:51	1

Client Sample ID: P-22D
Date Collected: 05/27/22 09:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-36
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 19:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 19:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 19:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 19:51	1
Trichloroethene	**0.38**	**J**	0.50	0.16	ug/L			06/08/22 19:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 19:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 19:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 19:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 19:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 19:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 19:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 19:51	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 19:51	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 19:51	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*06/08/22 19:51*	*1*
Dibromofluoromethane (Surr)	*116*		*75 - 120*		*06/08/22 19:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*	*X*	*75 - 126*		*06/08/22 19:51*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/08/22 19:51*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**175.36**				ft			05/27/22 09:50	1
Field Conductivity	**583**				umhos/cm			05/27/22 09:50	1
Field Dissolved Oxygen	**25.2**				mg/L			05/27/22 09:50	1
Field pH	**6.78**				SU			05/27/22 09:50	1
Field Temperature	**10.5**				Degrees C			05/27/22 09:50	1
Oxidation Reduction Potential	**111.5**				millivolts			05/27/22 09:50	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-22E
Date Collected: 05/27/22 10:22
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-37
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 16:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 16:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 16:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 16:44	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 16:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 16:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 16:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 16:44	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 16:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 16:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 16:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 16:44	1
cis-1,2-Dichloroethene	**2.7**		1.0	0.41	ug/L			06/09/22 16:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 16:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 16:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 16:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 16:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 16:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 16:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 16:44	1
Dichlorodifluoromethane	**1.3**	**J**	3.0	0.67	ug/L			06/09/22 16:44	1
1,1-Dichloroethane	**0.64**	**J**	1.0	0.41	ug/L			06/09/22 16:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 16:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 16:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 16:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 16:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 16:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 16:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 16:44	1
Methylene Chloride	**4.9**	**J B**	5.0	1.6	ug/L			06/09/22 16:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 16:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 16:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 16:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 16:44	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 16:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 16:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 16:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 16:44	1
Tetrachloroethene	**3.3**		1.0	0.37	ug/L			06/09/22 16:44	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 16:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 16:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 16:44	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-22E
Date Collected: 05/27/22 10:22
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-37
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 16:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 16:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 16:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 16:44	1
Trichloroethene	**1.2**		0.50	0.16	ug/L			06/09/22 16:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 16:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 16:44	1
1,2,4-Trimethylbenzene	**0.39**	**J**	1.0	0.36	ug/L			06/09/22 16:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 16:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 16:44	1
Xylenes, Total	**0.43**	**J**	1.0	0.22	ug/L			06/09/22 16:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 16:44	1
Acetone	**3.4**	**J B**	10	1.7	ug/L			06/09/22 16:44	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 16:44	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*06/09/22 16:44*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/09/22 16:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/09/22 16:44*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 16:44*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**529**				umhos/cm			05/27/22 10:22	1
Field Dissolved Oxygen	**34.0**				mg/L			05/27/22 10:22	1
Field pH	**7.07**				SU			05/27/22 10:22	1
Field Temperature	**12.2**				Degrees C			05/27/22 10:22	1
Oxidation Reduction Potential	**158.5**				millivolts			05/27/22 10:22	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-22S
Date Collected: 05/27/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-38
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 17:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 17:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 17:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 17:58	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 17:58	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 17:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 17:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 17:58	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 17:58	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 17:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 17:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 17:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 17:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 17:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 17:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 17:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 17:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 17:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 17:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 17:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 17:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 17:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 17:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 17:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 17:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 17:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 17:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 17:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 17:58	1
Methylene Chloride	**4.6**	**J B**	5.0	1.6	ug/L			06/09/22 17:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
Naphthalene	**0.42**	**J**	1.0	0.34	ug/L			06/09/22 17:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 17:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 17:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 17:58	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 17:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 17:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 17:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 17:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 17:58	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 17:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 17:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 17:58	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-22S
Date Collected: 05/27/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-38
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 17:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 17:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 17:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 17:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 17:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 17:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 17:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 17:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 17:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 17:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 17:58	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 17:58	1
Acetone	**11**	**B**	10	1.7	ug/L			06/09/22 17:58	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 17:58	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*06/09/22 17:58*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 17:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*06/09/22 17:58*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 17:58*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**172.61**				ft			05/27/22 10:40	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-25S
Date Collected: 05/27/22 11:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-39
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 18:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 18:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 18:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 18:22	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 18:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 18:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 18:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 18:22	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 18:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 18:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 18:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 18:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 18:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 18:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 18:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 18:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 18:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 18:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 18:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 18:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 18:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 18:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 18:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 18:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 18:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 18:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 18:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 18:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 18:22	1
Methylene Chloride	**4.8**	**J B**	5.0	1.6	ug/L			06/09/22 18:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 18:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 18:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 18:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 18:22	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 18:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 18:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 18:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 18:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 18:22	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 18:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 18:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 18:22	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-25S
Date Collected: 05/27/22 11:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-39
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 18:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 18:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 18:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 18:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 18:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 18:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 18:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 18:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 18:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 18:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 18:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 18:22	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 18:22	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 18:22	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*06/09/22 18:22*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*06/09/22 18:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/09/22 18:22*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 18:22*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**736**				umhos/cm			05/27/22 11:55	1
Field Dissolved Oxygen	**70.1**				mg/L			05/27/22 11:55	1
Field pH	**7.04**				SU			05/27/22 11:55	1
Field Temperature	**10.4**				Degrees C			05/27/22 11:55	1
Oxidation Reduction Potential	**160.8**				millivolts			05/27/22 11:55	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-25BR
Date Collected: 05/27/22 11:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-40
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 18:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 18:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 18:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 18:46	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 18:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 18:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 18:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 18:46	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 18:46	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 18:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 18:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 18:46	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 18:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 18:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 18:46	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 18:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 18:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 18:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 18:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 18:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 18:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 18:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 18:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 18:46	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 18:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 18:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 18:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 18:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 18:46	1
Methylene Chloride	**4.9**	**J B**	5.0	1.6	ug/L			06/09/22 18:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 18:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 18:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 18:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 18:46	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 18:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 18:46	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 18:46	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 18:46	1
Tetrachloroethene	**1.1**		1.0	0.37	ug/L			06/09/22 18:46	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 18:46	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 18:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 18:46	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-25BR
Date Collected: 05/27/22 11:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-40
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 18:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 18:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 18:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 18:46	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 18:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 18:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 18:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 18:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 18:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 18:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 18:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 18:46	1
Acetone	**6.6**	**J B**	10	1.7	ug/L			06/09/22 18:46	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 18:46	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*06/09/22 18:46*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 18:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/09/22 18:46*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*06/09/22 18:46*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**588**				umhos/cm			05/27/22 11:55	1
Field Dissolved Oxygen	**66.0**				mg/L			05/27/22 11:55	1
Field pH	**7.22**				SU			05/27/22 11:55	1
Field Temperature	**11.4**				Degrees C			05/27/22 11:55	1
Oxidation Reduction Potential	**121.4**				millivolts			05/27/22 11:55	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-25D
Date Collected: 05/27/22 12:20
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-41
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 19:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 19:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 19:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 19:10	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 19:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 19:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 19:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 19:10	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 19:10	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 19:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 19:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 19:10	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 19:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 19:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 19:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 19:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 19:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 19:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 19:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 19:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 19:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 19:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 19:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 19:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 19:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 19:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 19:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 19:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 19:10	1
Methylene Chloride	**4.6**	**J B**	5.0	1.6	ug/L			06/09/22 19:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 19:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 19:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 19:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 19:10	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 19:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 19:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 19:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 19:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 19:10	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 19:10	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 19:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 19:10	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-25D
Date Collected: 05/27/22 12:20
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-41
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 19:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 19:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 19:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 19:10	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 19:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 19:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 19:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 19:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 19:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 19:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 19:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 19:10	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 19:10	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 19:10	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*06/09/22 19:10*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*06/09/22 19:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/09/22 19:10*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 19:10*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**26.29**				ft			05/27/22 12:20	1
Field Conductivity	**533**				umhos/cm			05/27/22 12:20	1
Field Dissolved Oxygen	**60.3**				mg/L			05/27/22 12:20	1
Field pH	**7.20**				SU			05/27/22 12:20	1
Field Temperature	**11.1**				Degrees C			05/27/22 12:20	1
Oxidation Reduction Potential	**146.0**				millivolts			05/27/22 12:20	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-40D
Date Collected: 05/27/22 13:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-42
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 19:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 19:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 19:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 19:37	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 19:37	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 19:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 19:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 19:37	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 19:37	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 19:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 19:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 19:37	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 19:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 19:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 19:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 19:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 19:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 19:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 19:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 19:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 19:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 19:37	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 19:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 19:37	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 19:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 19:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 19:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 19:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 19:37	1
Methylene Chloride	**4.5**	**J B**	5.0	1.6	ug/L			06/09/22 19:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 19:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 19:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 19:37	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 19:37	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 19:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 19:37	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 19:37	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 19:37	1
Tetrachloroethene	**0.68**	**J**	1.0	0.37	ug/L			06/09/22 19:37	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 19:37	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 19:37	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 19:37	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-40D
Date Collected: 05/27/22 13:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-42
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 19:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 19:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 19:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 19:37	1
Trichloroethene	**0.24**	**J**	0.50	0.16	ug/L			06/09/22 19:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 19:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 19:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 19:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 19:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 19:37	1
Xylenes, Total	**0.27**	**J**	1.0	0.22	ug/L			06/09/22 19:37	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 19:37	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 19:37	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 19:37	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*06/09/22 19:37*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*06/09/22 19:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/09/22 19:37*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*06/09/22 19:37*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**11.53**				ft			05/27/22 13:50	1
Field Conductivity	**574**				umhos/cm			05/27/22 13:50	1
Field Dissolved Oxygen	**63.3**				mg/L			05/27/22 13:50	1
Field pH	**7.2**				SU			05/27/22 13:50	1
Field Temperature	**10.0**				Degrees C			05/27/22 13:50	1
Oxidation Reduction Potential	**129.6**				millivolts			05/27/22 13:50	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-40I
Date Collected: 05/27/22 13:51
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-43
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 20:01	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:01	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 20:01	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 20:01	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 20:01	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 20:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 20:01	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 20:01	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 20:01	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 20:01	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 20:01	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 20:01	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.41	ug/L			06/09/22 20:01	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 20:01	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 20:01	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 20:01	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 20:01	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 20:01	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:01	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:01	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 20:01	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 20:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 20:01	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 20:01	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 20:01	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 20:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 20:01	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 20:01	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 20:01	1
Methylene Chloride	**4.8**	**J B**	5.0	1.6	ug/L			06/09/22 20:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 20:01	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 20:01	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 20:01	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:01	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 20:01	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:01	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 20:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 20:01	1
Tetrachloroethene	**2.7**		1.0	0.37	ug/L			06/09/22 20:01	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 20:01	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 20:01	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 20:01	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-40I
Date Collected: 05/27/22 13:51
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-43
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 20:01	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 20:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 20:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 20:01	1
Trichloroethene	**0.61**		0.50	0.16	ug/L			06/09/22 20:01	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 20:01	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 20:01	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:01	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 20:01	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 20:01	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 20:01	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 20:01	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 20:01	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 20:01	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*06/09/22 20:01*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 20:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/09/22 20:01*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*06/09/22 20:01*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**10.32**				ft			05/27/22 13:51	1
Field Conductivity	**650**				umhos/cm			05/27/22 13:51	1
Field Dissolved Oxygen	**59.7**				mg/L			05/27/22 13:51	1
Field pH	**7.09**				SU			05/27/22 13:51	1
Field Temperature	**9.3**				Degrees C			05/27/22 13:51	1
Oxidation Reduction Potential	**168.3**				millivolts			05/27/22 13:51	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31S
Date Collected: 05/27/22 15:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-44
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 20:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 20:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 20:25	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 20:25	1
Bromomethane	<0.80	F1	3.0	0.80	ug/L			06/09/22 20:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 20:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 20:25	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 20:25	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 20:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 20:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 20:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 20:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 20:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 20:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 20:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 20:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 20:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 20:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 20:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 20:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 20:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 20:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 20:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 20:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 20:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 20:25	1
Methylene Chloride	**4.9**	**J B**	5.0	1.6	ug/L			06/09/22 20:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 20:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 20:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 20:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:25	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 20:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 20:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 20:25	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 20:25	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 20:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 20:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 20:25	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31S
Date Collected: 05/27/22 15:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-44
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 20:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 20:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 20:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 20:25	1
Trichloroethene	**0.24**	**J**	0.50	0.16	ug/L			06/09/22 20:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 20:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 20:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 20:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 20:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 20:25	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 20:25	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 20:25	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 20:25	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*06/09/22 20:25*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*06/09/22 20:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/09/22 20:25*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*06/09/22 20:25*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**4.86**				ft			05/27/22 15:05	1
Field Conductivity	**533**				umhos/cm			05/27/22 15:05	1
Field Dissolved Oxygen	**-0.3**				mg/L			05/27/22 15:05	1
Field pH	**7.29**				SU			05/27/22 15:05	1
Field Temperature	**8.4**				Degrees C			05/27/22 15:05	1
Oxidation Reduction Potential	**-140.9**				millivolts			05/27/22 15:05	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31B
Date Collected: 05/27/22 15:15
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-45
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 20:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 20:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 20:49	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 20:49	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 20:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 20:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 20:49	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 20:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 20:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 20:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 20:49	1
cis-1,2-Dichloroethene	**0.75**	**J**	1.0	0.41	ug/L			06/09/22 20:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 20:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 20:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 20:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 20:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 20:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 20:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 20:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 20:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 20:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 20:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 20:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 20:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 20:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 20:49	1
Methylene Chloride	**4.5**	**J B**	5.0	1.6	ug/L			06/09/22 20:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 20:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 20:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 20:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:49	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 20:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 20:49	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 20:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 20:49	1
Tetrachloroethene	**1.5**		1.0	0.37	ug/L			06/09/22 20:49	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 20:49	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 20:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 20:49	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31B
Date Collected: 05/27/22 15:15
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-45
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 20:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 20:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 20:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 20:49	1
Trichloroethene	**0.65**		0.50	0.16	ug/L			06/09/22 20:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 20:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 20:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 20:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 20:49	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 20:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 20:49	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 20:49	1
Acetone	**2.7**	**J B**	10	1.7	ug/L			06/09/22 20:49	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 20:49	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*06/09/22 20:49*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*06/09/22 20:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/09/22 20:49*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 20:49*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**806**				umhos/cm			05/27/22 15:15	1
Field Dissolved Oxygen	**8.5**				mg/L			05/27/22 15:15	1
Field pH	**7.01**				SU			05/27/22 15:15	1
Field Temperature	**12.4**				Degrees C			05/27/22 15:15	1
Oxidation Reduction Potential	**122.5**				millivolts			05/27/22 15:15	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31D
Date Collected: 05/27/22 15:48
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-46
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 21:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 21:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 21:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 21:13	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 21:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 21:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 21:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 21:13	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 21:13	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 21:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 21:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 21:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 21:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 21:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 21:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 21:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 21:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 21:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 21:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 21:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 21:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 21:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 21:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 21:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 21:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 21:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 21:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 21:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 21:13	1
Methylene Chloride	**4.6**	**J B**	5.0	1.6	ug/L			06/09/22 21:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 21:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 21:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 21:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 21:13	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 21:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 21:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 21:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 21:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 21:13	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 21:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 21:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 21:13	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31D
Date Collected: 05/27/22 15:48
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-46
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 21:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 21:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 21:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 21:13	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 21:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 21:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 21:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 21:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 21:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 21:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 21:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 21:13	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 21:13	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 21:13	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*06/09/22 21:13*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 21:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/09/22 21:13*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 21:13*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**528**				umhos/cm			05/27/22 15:48	1
Field Dissolved Oxygen	**81.6**				mg/L			05/27/22 15:48	1
Field pH	**7.30**				SU			05/27/22 15:48	1
Field Temperature	**10.3**				Degrees C			05/27/22 15:48	1
Oxidation Reduction Potential	**125.6**				millivolts			05/27/22 15:48	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31IA
Date Collected: 05/27/22 16:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-47
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 21:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 21:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 21:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 21:38	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 21:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 21:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 21:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 21:38	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 21:38	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 21:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 21:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 21:38	1
cis-1,2-Dichloroethene	**0.81**	**J**	1.0	0.41	ug/L			06/09/22 21:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 21:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 21:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 21:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 21:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 21:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 21:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 21:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 21:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 21:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 21:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 21:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 21:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 21:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 21:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 21:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 21:38	1
Methylene Chloride	**4.8**	**J B**	5.0	1.6	ug/L			06/09/22 21:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 21:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 21:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 21:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 21:38	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 21:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 21:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 21:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 21:38	1
Tetrachloroethene	**1.5**		1.0	0.37	ug/L			06/09/22 21:38	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 21:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 21:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 21:38	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-31IA
Date Collected: 05/27/22 16:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-47
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 21:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 21:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 21:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 21:38	1
Trichloroethene	**0.71**		0.50	0.16	ug/L			06/09/22 21:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 21:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 21:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 21:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 21:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 21:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 21:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 21:38	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 21:38	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 21:38	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*06/09/22 21:38*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 21:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*06/09/22 21:38*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 21:38*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**5.88**				ft			05/27/22 16:05	1
Field Conductivity	**773**				umhos/cm			05/27/22 16:05	1
Field Dissolved Oxygen	**17.2**				mg/L			05/27/22 16:05	1
Field pH	**6.96**				SU			05/27/22 16:05	1
Field Temperature	**15.1**				Degrees C			05/27/22 16:05	1
Oxidation Reduction Potential	**106.9**				millivolts			05/27/22 16:05	1

Client Sample ID: P-30D
Date Collected: 05/27/22 16:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-48
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 22:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 22:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 22:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 22:02	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 22:02	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 22:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 22:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 22:02	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 22:02	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 22:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 22:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 22:02	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 22:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 22:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 22:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 22:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 22:02	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 22:02	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 22:02	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 22:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 22:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 22:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 22:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 22:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 22:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 22:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 22:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 22:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 22:02	1
Methylene Chloride	**4.6**	**J B**	5.0	1.6	ug/L			06/09/22 22:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 22:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 22:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 22:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 22:02	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 22:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 22:02	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 22:02	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 22:02	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 22:02	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 22:02	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 22:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 22:02	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-30D
Date Collected: 05/27/22 16:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-48
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 22:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 22:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 22:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 22:02	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 22:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 22:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 22:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 22:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 22:02	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 22:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 22:02	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 22:02	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 22:02	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 22:02	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*06/09/22 22:02*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 22:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/09/22 22:02*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*06/09/22 22:02*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**21.71**				ft			05/27/22 16:52	1
Field Conductivity	**4662**				umhos/cm			05/27/22 16:52	1
Field Dissolved Oxygen	**70.4**				mg/L			05/27/22 16:52	1
Field pH	**7.33**				SU			05/27/22 16:52	1
Field Temperature	**9.8**				Degrees C			05/27/22 16:52	1
Oxidation Reduction Potential	**125.0**				millivolts			05/27/22 16:52	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-30I
Date Collected: 05/27/22 16:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-49
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 22:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 22:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 22:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 22:51	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 22:51	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 22:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 22:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 22:51	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 22:51	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 22:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 22:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 22:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 22:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 22:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 22:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 22:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 22:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 22:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 22:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 22:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 22:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 22:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 22:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 22:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 22:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 22:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 22:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 22:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 22:51	1
Methylene Chloride	**4.8**	**J B**	5.0	1.6	ug/L			06/09/22 22:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 22:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 22:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 22:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 22:51	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 22:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 22:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 22:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 22:51	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 22:51	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 22:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 22:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 22:51	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-30I
Date Collected: 05/27/22 16:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-49
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 22:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 22:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 22:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 22:51	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 22:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 22:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 22:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 22:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 22:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 22:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 22:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 22:51	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 22:51	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 22:51	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*06/09/22 22:51*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 22:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/09/22 22:51*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*06/09/22 22:51*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Conductivity	**635**				umhos/cm			05/27/22 16:52	1
Field Dissolved Oxygen	**88.3**				mg/L			05/27/22 16:52	1
Field pH	**7.21**				SU			05/27/22 16:52	1
Field Temperature	**9.6**				Degrees C			05/27/22 16:52	1
Oxidation Reduction Potential	**146.4**				millivolts			05/27/22 16:52	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-33S
Date Collected: 05/31/22 08:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-50
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 11:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 11:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 11:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 11:39	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 11:39	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 11:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 11:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 11:39	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 11:39	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 11:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 11:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 11:39	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 11:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 11:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 11:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 11:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 11:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 11:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 11:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 11:39	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 11:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 11:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 11:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 11:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 11:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 11:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 11:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 11:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 11:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 11:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/11/22 11:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 11:39	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 11:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 11:39	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 11:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 11:39	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 11:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 11:39	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/11/22 11:39	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 11:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 11:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 11:39	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-33S
Date Collected: 05/31/22 08:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-50
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 11:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 11:39	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 11:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 11:39	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 11:39	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 11:39	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 11:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/11/22 11:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/11/22 11:39	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 11:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 11:39	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/11/22 11:39	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 11:39	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/11/22 11:39	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*06/11/22 11:39*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*06/11/22 11:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*06/11/22 11:39*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/11/22 11:39*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**5.36**				ft			05/31/22 08:52	1
Field Conductivity	**717**				umhos/cm			05/31/22 08:52	1
Field Dissolved Oxygen	**0.6**				mg/L			05/31/22 08:52	1
Field pH	**6.93**				SU			05/31/22 08:52	1
Field Temperature	**9.3**				Degrees C			05/31/22 08:52	1
Oxidation Reduction Potential	**-100.2**				millivolts			05/31/22 08:52	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-33D
Date Collected: 05/31/22 09:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-51
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 12:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 12:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 12:05	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 12:05	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 12:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 12:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 12:05	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 12:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 12:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 12:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 12:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 12:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 12:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 12:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 12:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 12:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 12:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:05	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 12:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 12:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 12:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 12:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 12:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 12:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 12:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 12:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 12:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 12:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/11/22 12:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 12:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 12:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:05	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 12:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 12:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 12:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/11/22 12:05	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 12:05	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 12:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 12:05	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-33D
Date Collected: 05/31/22 09:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-51
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 12:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 12:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 12:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 12:05	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 12:05	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 12:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 12:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/11/22 12:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 12:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 12:05	1
Carbon disulfide	**1.8**	**J**	2.0	0.45	ug/L			06/11/22 12:05	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 12:05	1
Tetrahydrofuran	**3.7**	**J B**	10	1.9	ug/L			06/11/22 12:05	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*06/11/22 12:05*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*06/11/22 12:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*06/11/22 12:05*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/11/22 12:05*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**12.03**				ft			05/31/22 09:05	1
Field Conductivity	**625**				umhos/cm			05/31/22 09:05	1
Field Dissolved Oxygen	**27.6**				mg/L			05/31/22 09:05	1
Field pH	**7.36**				SU			05/31/22 09:05	1
Field Temperature	**15.8**				Degrees C			05/31/22 09:05	1
Oxidation Reduction Potential	**-88.8**				millivolts			05/31/22 09:05	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-20SR
Date Collected: 05/31/22 09:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-52
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 12:32	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:32	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 12:32	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 12:32	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 12:32	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 12:32	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 12:32	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 12:32	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 12:32	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 12:32	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 12:32	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 12:32	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 12:32	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 12:32	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 12:32	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 12:32	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 12:32	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 12:32	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:32	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:32	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 12:32	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 12:32	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 12:32	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 12:32	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 12:32	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 12:32	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 12:32	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 12:32	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 12:32	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 12:32	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
Naphthalene	**0.69**	**J B**	1.0	0.34	ug/L			06/11/22 12:32	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 12:32	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 12:32	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:32	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 12:32	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:32	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 12:32	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 12:32	1
Tetrachloroethene	**1.4**		1.0	0.37	ug/L			06/11/22 12:32	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 12:32	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 12:32	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 12:32	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-20SR
Date Collected: 05/31/22 09:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-52
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 12:32	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 12:32	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 12:32	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 12:32	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 12:32	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 12:32	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 12:32	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:32	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/11/22 12:32	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 12:32	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 12:32	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/11/22 12:32	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 12:32	1
Tetrahydrofuran	**3.7**	**J B**	10	1.9	ug/L			06/11/22 12:32	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*06/11/22 12:32*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*06/11/22 12:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*06/11/22 12:32*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/11/22 12:32*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**37.33**				ft			05/31/22 09:50	1
Field Conductivity	**554**				umhos/cm			05/31/22 09:50	1
Field Dissolved Oxygen	**98.8**				mg/L			05/31/22 09:50	1
Field pH	**7.24**				SU			05/31/22 09:50	1
Field Temperature	**11.9**				Degrees C			05/31/22 09:50	1
Oxidation Reduction Potential	**66.9**				millivolts			05/31/22 09:50	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-23D
Date Collected: 05/31/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-53
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 12:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 12:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 12:59	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 12:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 12:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 12:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 12:59	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 12:59	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 12:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 12:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 12:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 12:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 12:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 12:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 12:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 12:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 12:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 12:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 12:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 12:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 12:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 12:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 12:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 12:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 12:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 12:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 12:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/11/22 12:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 12:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 12:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:59	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 12:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 12:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 12:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 12:59	1
Tetrachloroethene	**0.56**	**J**	1.0	0.37	ug/L			06/11/22 12:59	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 12:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 12:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 12:59	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-23D
Date Collected: 05/31/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-53
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 12:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 12:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 12:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 12:59	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 12:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 12:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 12:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/11/22 12:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/11/22 12:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 12:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 12:59	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/11/22 12:59	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 12:59	1
Tetrahydrofuran	**3.5**	**J B**	10	1.9	ug/L			06/11/22 12:59	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*06/11/22 12:59*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*06/11/22 12:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*06/11/22 12:59*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/11/22 12:59*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**37.76**				ft			05/31/22 10:40	1
Field Conductivity	**534**				umhos/cm			05/31/22 10:40	1
Field Dissolved Oxygen	**83.6**				mg/L			05/31/22 10:40	1
Field pH	**7.13**				SU			05/31/22 10:40	1
Field Temperature	**11.2**				Degrees C			05/31/22 10:40	1
Oxidation Reduction Potential	**144.1**				millivolts			05/31/22 10:40	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-23S
Date Collected: 05/31/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-54
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 13:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 13:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 13:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 13:26	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 13:26	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 13:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 13:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 13:26	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 13:26	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 13:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 13:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 13:26	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 13:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 13:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 13:26	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 13:26	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 13:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 13:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 13:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 13:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 13:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 13:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 13:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 13:26	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 13:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 13:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 13:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 13:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 13:26	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 13:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/11/22 13:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 13:26	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 13:26	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 13:26	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 13:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 13:26	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 13:26	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 13:26	1
Tetrachloroethene	**0.82**	**J**	1.0	0.37	ug/L			06/11/22 13:26	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 13:26	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 13:26	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 13:26	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-23S
Date Collected: 05/31/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-54
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 13:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 13:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 13:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 13:26	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 13:26	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 13:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 13:26	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/11/22 13:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/11/22 13:26	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 13:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 13:26	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/11/22 13:26	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 13:26	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/11/22 13:26	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*06/11/22 13:26*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*06/11/22 13:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*06/11/22 13:26*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/11/22 13:26*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**38.06**				ft			05/31/22 10:40	1
Field Conductivity	**570**				umhos/cm			05/31/22 10:40	1
Field Dissolved Oxygen	**95.2**				mg/L			05/31/22 10:40	1
Field pH	**7.15**				SU			05/31/22 10:40	1
Field Temperature	**12.2**				Degrees C			05/31/22 10:40	1
Oxidation Reduction Potential	**85.7**				millivolts			05/31/22 10:40	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-41D
Date Collected: 05/31/22 11:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-55
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 13:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 13:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 13:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 13:52	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 13:52	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 13:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 13:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 13:52	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 13:52	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 13:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 13:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 13:52	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 13:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 13:52	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 13:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 13:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 13:52	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 13:52	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 13:52	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 13:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 13:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 13:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 13:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 13:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 13:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 13:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 13:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 13:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 13:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 13:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/11/22 13:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 13:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 13:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 13:52	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 13:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 13:52	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 13:52	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 13:52	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/11/22 13:52	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 13:52	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 13:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 13:52	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-41D
Date Collected: 05/31/22 11:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-55
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 13:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 13:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 13:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 13:52	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 13:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 13:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 13:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/11/22 13:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/11/22 13:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 13:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 13:52	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/11/22 13:52	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 13:52	1
Tetrahydrofuran	**2.9**	**J B**	10	1.9	ug/L			06/11/22 13:52	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*06/11/22 13:52*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*06/11/22 13:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*06/11/22 13:52*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/11/22 13:52*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	**15.96**				ft			05/31/22 11:40	1
Field Conductivity	**703**				umhos/cm			05/31/22 11:40	1
Field Dissolved Oxygen	**81.0**				mg/L			05/31/22 11:40	1
Field pH	**7.10**				SU			05/31/22 11:40	1
Field Temperature	**11.5**				Degrees C			05/31/22 11:40	1
Oxidation Reduction Potential	**153.1**				millivolts			05/31/22 11:40	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: Trip Blank

Date Collected: 05/23/22 06:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-56

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/04/22 23:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/04/22 23:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/04/22 23:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/04/22 23:51	1
Bromoform	<0.48		1.0	0.48	ug/L			06/04/22 23:51	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/04/22 23:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/04/22 23:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/04/22 23:51	1
Chloroform	<0.37		2.0	0.37	ug/L			06/04/22 23:51	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/04/22 23:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/04/22 23:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/04/22 23:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/04/22 23:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/04/22 23:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/04/22 23:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/04/22 23:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/04/22 23:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/04/22 23:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/04/22 23:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/04/22 23:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/04/22 23:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/04/22 23:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/04/22 23:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/04/22 23:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/04/22 23:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/04/22 23:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/04/22 23:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/04/22 23:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/04/22 23:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/04/22 23:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/04/22 23:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/04/22 23:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/04/22 23:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/22 23:51	1
Styrene	<0.39		1.0	0.39	ug/L			06/04/22 23:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/22 23:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/04/22 23:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/04/22 23:51	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/04/22 23:51	1
Toluene	<0.15		0.50	0.15	ug/L			06/04/22 23:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/04/22 23:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/04/22 23:51	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: Trip Blank

Date Collected: 05/23/22 06:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-56

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/04/22 23:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/04/22 23:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/04/22 23:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/04/22 23:51	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/04/22 23:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/04/22 23:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/04/22 23:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/04/22 23:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/04/22 23:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/04/22 23:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/04/22 23:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/04/22 23:51	1
Acetone	<1.7		10	1.7	ug/L			06/04/22 23:51	1
Tetrahydrofuran	**6.0**	**J**	10	1.9	ug/L			06/04/22 23:51	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/04/22 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/04/22 23:51*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*06/04/22 23:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*06/04/22 23:51*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/04/22 23:51*	*1*

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: Trip Blank 2

Date Collected: 05/23/22 06:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-57

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/05/22 00:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/05/22 00:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/05/22 00:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/05/22 00:13	1
Bromoform	<0.48		1.0	0.48	ug/L			06/05/22 00:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/05/22 00:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/05/22 00:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/05/22 00:13	1
Chloroform	<0.37		2.0	0.37	ug/L			06/05/22 00:13	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/05/22 00:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/05/22 00:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/05/22 00:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/05/22 00:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/05/22 00:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/05/22 00:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/05/22 00:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/05/22 00:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/05/22 00:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/05/22 00:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/05/22 00:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/05/22 00:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/05/22 00:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/05/22 00:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/05/22 00:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/05/22 00:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/05/22 00:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/05/22 00:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/05/22 00:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/05/22 00:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/05/22 00:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/05/22 00:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/05/22 00:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/05/22 00:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/22 00:13	1
Styrene	<0.39		1.0	0.39	ug/L			06/05/22 00:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/22 00:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/05/22 00:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/05/22 00:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/05/22 00:13	1
Toluene	<0.15		0.50	0.15	ug/L			06/05/22 00:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/05/22 00:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/05/22 00:13	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: Trip Blank 2

Date Collected: 05/23/22 06:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-57

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/05/22 00:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/05/22 00:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/05/22 00:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/05/22 00:13	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/05/22 00:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/05/22 00:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/05/22 00:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/05/22 00:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/05/22 00:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/05/22 00:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/05/22 00:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/05/22 00:13	1
Acetone	<1.7		10	1.7	ug/L			06/05/22 00:13	1
Tetrahydrofuran	**5.1**	**J**	10	1.9	ug/L			06/05/22 00:13	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/05/22 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*06/05/22 00:13*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/05/22 00:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*06/05/22 00:13*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/05/22 00:13*	*1*

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: FD-1

Date Collected: 05/25/22 00:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-58

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 12:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 12:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 12:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 12:40	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 12:40	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 12:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 12:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 12:40	1
Chloroform	**0.57**	**J B**	2.0	0.37	ug/L			06/08/22 12:40	1
Chloromethane	<0.32	*	1.0	0.32	ug/L			06/08/22 12:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 12:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 12:40	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.41	ug/L			06/08/22 12:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 12:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 12:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 12:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 12:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 12:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 12:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 12:40	1
Dichlorodifluoromethane	**0.73**	**J**	3.0	0.67	ug/L			06/08/22 12:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 12:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 12:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 12:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 12:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 12:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 12:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 12:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 12:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 12:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/08/22 12:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 12:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 12:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 12:40	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 12:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 12:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 12:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 12:40	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/08/22 12:40	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 12:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 12:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 12:40	1

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: FD-1
Lab Sample ID: 500-217392-58
Date Collected: 05/25/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/08/22 12:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/08/22 12:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 12:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 12:40	1
Trichloroethene	**2.3**		0.50	0.16	ug/L			06/08/22 12:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 12:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 12:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 12:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 12:40	1
Vinyl chloride	**0.51**	**J**	1.0	0.20	ug/L			06/08/22 12:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 12:40	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 12:40	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 12:40	1
Tetrahydrofuran	<1.9	*	10	1.9	ug/L			06/08/22 12:40	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*06/08/22 12:40*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*06/08/22 12:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*75 - 126*		*06/08/22 12:40*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*06/08/22 12:40*	*1*

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: FD-2

Date Collected: 05/26/22 00:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-59

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 15:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 15:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 15:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 15:20	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 15:20	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 15:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 15:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 15:20	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 15:20	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 15:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 15:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 15:20	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 15:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 15:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 15:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 15:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 15:20	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 15:20	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 15:20	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 15:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 15:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 15:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 15:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 15:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 15:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 15:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 15:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 15:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 15:20	1
Methylene Chloride	**4.5**	**J B**	5.0	1.6	ug/L			06/09/22 15:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 15:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 15:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 15:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 15:20	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 15:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 15:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 15:20	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 15:20	1
Tetrachloroethene	**2.3**		1.0	0.37	ug/L			06/09/22 15:20	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 15:20	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 15:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 15:20	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: FD-2
Date Collected: 05/26/22 00:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-59
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 15:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 15:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 15:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 15:20	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 15:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 15:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 15:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 15:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 15:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 15:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 15:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 15:20	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 15:20	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 15:20	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*06/09/22 15:20*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/09/22 15:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*06/09/22 15:20*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/09/22 15:20*	*1*

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: FD-3

Date Collected: 05/27/22 00:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-60

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 23:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 23:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 23:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 23:15	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 23:15	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 23:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 23:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 23:15	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 23:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 23:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 23:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 23:15	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 23:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 23:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 23:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 23:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 23:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 23:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 23:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 23:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 23:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 23:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 23:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 23:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 23:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 23:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 23:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 23:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 23:15	1
Methylene Chloride	**4.6**	**J B**	5.0	1.6	ug/L			06/09/22 23:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 23:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 23:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 23:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 23:15	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 23:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 23:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 23:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 23:15	1
Tetrachloroethene	**0.68**	**J**	1.0	0.37	ug/L			06/09/22 23:15	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 23:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 23:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 23:15	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: FD-3
Date Collected: 05/27/22 00:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-60
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 23:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 23:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 23:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 23:15	1
Trichloroethene	**0.19**	**J**	0.50	0.16	ug/L			06/09/22 23:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 23:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 23:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 23:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 23:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 23:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 23:15	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 23:15	1
Acetone	<1.7		10	1.7	ug/L			06/09/22 23:15	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 23:15	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*06/09/22 23:15*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*06/09/22 23:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/09/22 23:15*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*06/09/22 23:15*	*1*

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: EB-1

Date Collected: 05/31/22 11:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-61

Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/13/22 13:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/13/22 13:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/13/22 13:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/13/22 13:44	1
Bromoform	<0.48		1.0	0.48	ug/L			06/13/22 13:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/13/22 13:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/13/22 13:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/13/22 13:44	1
Chloroform	**0.37**	**J**	2.0	0.37	ug/L			06/13/22 13:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/13/22 13:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/13/22 13:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/13/22 13:44	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/13/22 13:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/13/22 13:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/13/22 13:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/13/22 13:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/13/22 13:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/13/22 13:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/13/22 13:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/13/22 13:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/13/22 13:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/13/22 13:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/13/22 13:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/13/22 13:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/13/22 13:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/13/22 13:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/13/22 13:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/13/22 13:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/13/22 13:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/13/22 13:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/13/22 13:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/13/22 13:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/13/22 13:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/13/22 13:44	1
Styrene	<0.39		1.0	0.39	ug/L			06/13/22 13:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/13/22 13:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/13/22 13:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/13/22 13:44	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/13/22 13:44	1
Toluene	**0.25**	**J**	0.50	0.15	ug/L			06/13/22 13:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/13/22 13:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/13/22 13:44	1

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: EB-1
Date Collected: 05/31/22 11:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-61
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/13/22 13:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/13/22 13:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/13/22 13:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/13/22 13:44	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/13/22 13:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/13/22 13:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/13/22 13:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/13/22 13:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/13/22 13:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/13/22 13:44	1
Xylenes, Total	**0.26**	**J**	1.0	0.22	ug/L			06/13/22 13:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/13/22 13:44	1
Acetone	<1.7		10	1.7	ug/L			06/13/22 13:44	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/13/22 13:44	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/13/22 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*06/13/22 13:44*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*06/13/22 13:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/13/22 13:44*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*06/13/22 13:44*	*1*

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: Trip Blank 524.2

Date Collected: 05/24/22 00:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-62

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 03:58	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 03:58	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 03:58	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 03:58	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 03:58	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 03:58	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*06/03/22 03:58*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*78*		*70 - 130*		*06/03/22 03:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*06/03/22 03:58*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*06/03/22 03:58*	*1*

Client Sample Results

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: P-29
Lab Sample ID: 500-217392-63
Date Collected: 05/26/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	236.82				ft			05/26/22 00:00	1
Field Conductivity	596				umhos/cm			05/26/22 00:00	1
Field Dissolved Oxygen	107.1				mg/L			05/26/22 00:00	1
Field pH	7.86				SU			05/26/22 00:00	1
Field Temperature	18.1				Degrees C			05/26/22 00:00	1
Oxidation Reduction Potential	97.6				millivolts			05/26/22 00:00	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Reported value was between the limit of detection and the limit of quantitation.
X	Surrogate recovery exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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

GC/MS VOA

Analysis Batch: 20788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-1	7872 Deer Run Road	Total/NA	Water	524.2	
500-217392-2	7877 Deer Run Road	Total/NA	Water	524.2	
500-217392-3	7911 Deer Run Road	Total/NA	Water	524.2	
MB 810-20788/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 20828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-62	Trip Blank 524.2	Total/NA	Water	524.2	
MB 810-20828/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 20905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-4	7750 USH 14	Total/NA	Water	524.2	
500-217392-5	7734 USH 14	Total/NA	Water	524.2	
500-217392-6	4306 Fawn Court	Total/NA	Water	524.2	
500-217392-7	4318 Fawn Court	Total/NA	Water	524.2	
500-217392-8	4610 Rocky Dell Road	Total/NA	Water	524.2	
MB 810-20905/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 659829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-9	P-32S	Total/NA	Water	8260B	
500-217392-56	Trip Blank	Total/NA	Water	8260B	
500-217392-57	Trip Blank 2	Total/NA	Water	8260B	
MB 500-659829/6	Method Blank	Total/NA	Water	8260B	
LCS 500-659829/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 659865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-10	P-24E	Total/NA	Water	8260B	
500-217392-11	P-24D	Total/NA	Water	8260B	
500-217392-12	P-8S	Total/NA	Water	8260B	
500-217392-13	P-8D	Total/NA	Water	8260B	
500-217392-14	P-9S	Total/NA	Water	8260B	
500-217392-15	P-9D	Total/NA	Water	8260B	
500-217392-16	P-8BR	Total/NA	Water	8260B	
500-217392-17	P-21BR	Total/NA	Water	8260B	
500-217392-18	P-21S	Total/NA	Water	8260B	
MB 500-659865/6	Method Blank	Total/NA	Water	8260B	
LCS 500-659865/4	Lab Control Sample	Total/NA	Water	8260B	
500-217392-10 MS	P-24E	Total/NA	Water	8260B	
500-217392-10 MSD	P-24E	Total/NA	Water	8260B	

Analysis Batch: 660109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-19	P-21D	Total/NA	Water	8260B	
500-217392-20	P-16D	Total/NA	Water	8260B	
500-217392-21	P-32D	Total/NA	Water	8260B	
500-217392-22	P-16S	Total/NA	Water	8260B	
500-217392-23	P-18S	Total/NA	Water	8260B	
500-217392-24	P-17S	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 660109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-25	P-34S	Total/NA	Water	8260B	
500-217392-26	P-34D	Total/NA	Water	8260B	
500-217392-27	P-35D	Total/NA	Water	8260B	
MB 500-660109/6	Method Blank	Total/NA	Water	8260B	
LCS 500-660109/4	Lab Control Sample	Total/NA	Water	8260B	
500-217392-19 MS	P-21D	Total/NA	Water	8260B	
500-217392-19 MSD	P-21D	Total/NA	Water	8260B	

Analysis Batch: 660241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-28	P-35S	Total/NA	Water	8260B	
500-217392-31	P-26S	Total/NA	Water	8260B	
500-217392-32	P-28S	Total/NA	Water	8260B	
500-217392-33	P-43S	Total/NA	Water	8260B	
500-217392-34	P-43I	Total/NA	Water	8260B	
500-217392-35	P-43D	Total/NA	Water	8260B	
500-217392-36	P-22D	Total/NA	Water	8260B	
500-217392-58	FD-1	Total/NA	Water	8260B	
MB 500-660241/5	Method Blank	Total/NA	Water	8260B	
LCS 500-660241/8	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 660525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-29	P-27D	Total/NA	Water	8260B	
500-217392-30	P-27S	Total/NA	Water	8260B	
500-217392-59	FD-2	Total/NA	Water	8260B	
MB 500-660525/6	Method Blank	Total/NA	Water	8260B	
LCS 500-660525/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 660528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-37	P-22E	Total/NA	Water	8260B	
500-217392-38	P-22S	Total/NA	Water	8260B	
500-217392-39	P-25S	Total/NA	Water	8260B	
500-217392-40	P-25BR	Total/NA	Water	8260B	
500-217392-41	P-25D	Total/NA	Water	8260B	
500-217392-42	P-40D	Total/NA	Water	8260B	
500-217392-43	P-40I	Total/NA	Water	8260B	
500-217392-44	P-31S	Total/NA	Water	8260B	
500-217392-45	P-31B	Total/NA	Water	8260B	
500-217392-46	P-31D	Total/NA	Water	8260B	
500-217392-47	P-31IA	Total/NA	Water	8260B	
500-217392-48	P-30D	Total/NA	Water	8260B	
500-217392-49	P-30I	Total/NA	Water	8260B	
500-217392-60	FD-3	Total/NA	Water	8260B	
MB 500-660528/7	Method Blank	Total/NA	Water	8260B	
LCS 500-660528/10	Lab Control Sample	Total/NA	Water	8260B	
500-217392-44 MS	P-31S	Total/NA	Water	8260B	
500-217392-44 MSD	P-31S	Total/NA	Water	8260B	

QC Association Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

GC/MS VOA

Analysis Batch: 660821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-50	P-33S	Total/NA	Water	8260B	
500-217392-51	P-33D	Total/NA	Water	8260B	
500-217392-52	P-20SR	Total/NA	Water	8260B	
500-217392-53	P-23D	Total/NA	Water	8260B	
500-217392-54	P-23S	Total/NA	Water	8260B	
500-217392-55	P-41D	Total/NA	Water	8260B	
MB 500-660821/7	Method Blank	Total/NA	Water	8260B	
LCS 500-660821/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 660908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-61	EB-1	Total/NA	Water	8260B	
MB 500-660908/7	Method Blank	Total/NA	Water	8260B	
LCS 500-660908/5	Lab Control Sample	Total/NA	Water	8260B	

Field Service / Mobile Lab

Analysis Batch: 661013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-1	7872 Deer Run Road	Total/NA	Water	Field Sampling	
500-217392-2	7877 Deer Run Road	Total/NA	Water	Field Sampling	
500-217392-3	7911 Deer Run Road	Total/NA	Water	Field Sampling	
500-217392-4	7750 USH 14	Total/NA	Water	Field Sampling	
500-217392-5	7734 USH 14	Total/NA	Water	Field Sampling	
500-217392-6	4306 Fawn Court	Total/NA	Water	Field Sampling	
500-217392-7	4318 Fawn Court	Total/NA	Water	Field Sampling	
500-217392-8	4610 Rocky Dell Road	Total/NA	Water	Field Sampling	
500-217392-9	P-32S	Total/NA	Water	Field Sampling	
500-217392-10	P-24E	Total/NA	Water	Field Sampling	
500-217392-11	P-24D	Total/NA	Water	Field Sampling	
500-217392-12	P-8S	Total/NA	Water	Field Sampling	
500-217392-13	P-8D	Total/NA	Water	Field Sampling	
500-217392-14	P-9S	Total/NA	Water	Field Sampling	
500-217392-15	P-9D	Total/NA	Water	Field Sampling	
500-217392-16	P-8BR	Total/NA	Water	Field Sampling	
500-217392-17	P-21BR	Total/NA	Water	Field Sampling	
500-217392-18	P-21S	Total/NA	Water	Field Sampling	
500-217392-19	P-21D	Total/NA	Water	Field Sampling	
500-217392-20	P-16D	Total/NA	Water	Field Sampling	
500-217392-21	P-32D	Total/NA	Water	Field Sampling	
500-217392-22	P-16S	Total/NA	Water	Field Sampling	
500-217392-23	P-18S	Total/NA	Water	Field Sampling	
500-217392-24	P-17S	Total/NA	Water	Field Sampling	
500-217392-25	P-34S	Total/NA	Water	Field Sampling	
500-217392-26	P-34D	Total/NA	Water	Field Sampling	
500-217392-27	P-35D	Total/NA	Water	Field Sampling	
500-217392-28	P-35S	Total/NA	Water	Field Sampling	
500-217392-29	P-27D	Total/NA	Water	Field Sampling	
500-217392-30	P-27S	Total/NA	Water	Field Sampling	
500-217392-31	P-26S	Total/NA	Water	Field Sampling	
500-217392-32	P-28S	Total/NA	Water	Field Sampling	

Field Service / Mobile Lab (Continued)

Analysis Batch: 661013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-217392-33	P-43S	Total/NA	Water	Field Sampling	
500-217392-34	P-43I	Total/NA	Water	Field Sampling	
500-217392-35	P-43D	Total/NA	Water	Field Sampling	
500-217392-36	P-22D	Total/NA	Water	Field Sampling	
500-217392-37	P-22E	Total/NA	Water	Field Sampling	
500-217392-38	P-22S	Total/NA	Water	Field Sampling	
500-217392-39	P-25S	Total/NA	Water	Field Sampling	
500-217392-40	P-25BR	Total/NA	Water	Field Sampling	
500-217392-41	P-25D	Total/NA	Water	Field Sampling	
500-217392-42	P-40D	Total/NA	Water	Field Sampling	
500-217392-43	P-40I	Total/NA	Water	Field Sampling	
500-217392-44	P-31S	Total/NA	Water	Field Sampling	
500-217392-45	P-31B	Total/NA	Water	Field Sampling	
500-217392-46	P-31D	Total/NA	Water	Field Sampling	
500-217392-47	P-31IA	Total/NA	Water	Field Sampling	
500-217392-48	P-30D	Total/NA	Water	Field Sampling	
500-217392-49	P-30I	Total/NA	Water	Field Sampling	
500-217392-50	P-33S	Total/NA	Water	Field Sampling	
500-217392-51	P-33D	Total/NA	Water	Field Sampling	
500-217392-52	P-20SR	Total/NA	Water	Field Sampling	
500-217392-53	P-23D	Total/NA	Water	Field Sampling	
500-217392-54	P-23S	Total/NA	Water	Field Sampling	
500-217392-55	P-41D	Total/NA	Water	Field Sampling	
500-217392-63	P-29	Total/NA	Water	Field Sampling	

Surrogate Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCZ	DCA	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
500-217392-1	7872 Deer Run Road	84	82	106	94
500-217392-2	7877 Deer Run Road	79	75	108	92
500-217392-3	7911 Deer Run Road	78	83	102	92
500-217392-4	7750 USH 14	78	79	105	90
500-217392-5	7734 USH 14	75	78	107	92
500-217392-6	4306 Fawn Court	76	76	107	91
500-217392-7	4318 Fawn Court	78	80	107	94
500-217392-8	4610 Rocky Dell Road	77	76	105	90
500-217392-62	Trip Blank 524.2	77	78	107	92
MB 810-20788/5	Method Blank	79	78	105	97
MB 810-20828/5	Method Blank	86	89	109	98
MB 810-20905/5	Method Blank	85	79	106	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCZ = 1,2-Dichlorobenzene-d4 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-217392-9	P-32S	89	95	90	98
500-217392-10	P-24E	89	98	90	98
500-217392-10 MS	P-24E	90	97	93	98
500-217392-10 MSD	P-24E	91	96	89	99
500-217392-11	P-24D	86	96	90	99
500-217392-12	P-8S	87	96	92	99
500-217392-13	P-8D	87	98	93	99
500-217392-14	P-9S	86	96	90	100
500-217392-15	P-9D	85	93	87	100
500-217392-16	P-8BR	86	96	92	97
500-217392-17	P-21BR	86	98	94	97
500-217392-18	P-21S	86	99	93	99
500-217392-19	P-21D	88	94	88	100
500-217392-19 MS	P-21D	89	92	85	101
500-217392-19 MSD	P-21D	90	93	85	100
500-217392-20	P-16D	86	95	89	97
500-217392-21	P-32D	87	96	91	97
500-217392-22	P-16S	86	97	89	96
500-217392-23	P-18S	87	97	89	97
500-217392-24	P-17S	89	97	92	98
500-217392-25	P-34S	87	100	94	97
500-217392-26	P-34D	86	100	94	95
500-217392-27	P-35D	85	98	89	96
500-217392-28	P-35S	111	116	130 X	98
500-217392-29	P-27D	86	94	87	99

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-217392-30	P-27S	86	95	87	101
500-217392-31	P-26S	112	117	129 X	98
500-217392-32	P-28S	109	117	133 X	98
500-217392-33	P-43S	111	119	134 X	96
500-217392-34	P-43I	113	117	131 X	98
500-217392-35	P-43D	111	117	130 X	98
500-217392-36	P-22D	107	116	134 X	98
500-217392-37	P-22E	110	94	91	93
500-217392-38	P-22S	111	92	93	93
500-217392-39	P-25S	110	91	92	93
500-217392-40	P-25BR	110	92	90	94
500-217392-41	P-25D	112	91	90	93
500-217392-42	P-40D	112	93	91	92
500-217392-43	P-40I	109	92	92	94
500-217392-44	P-31S	112	93	92	94
500-217392-44 MS	P-31S	109	94	91	93
500-217392-44 MSD	P-31S	109	94	92	94
500-217392-45	P-31B	113	90	91	93
500-217392-46	P-31D	113	92	90	93
500-217392-47	P-31IA	111	92	93	93
500-217392-48	P-30D	111	92	92	92
500-217392-49	P-30I	114	92	92	93
500-217392-50	P-33S	103	106	104	98
500-217392-51	P-33D	103	107	102	98
500-217392-52	P-20SR	102	104	103	98
500-217392-53	P-23D	101	109	105	97
500-217392-54	P-23S	103	107	103	98
500-217392-55	P-41D	102	107	104	99
500-217392-56	Trip Blank	86	91	86	100
500-217392-57	Trip Blank 2	88	94	88	100
500-217392-58	FD-1	110	112	126	99
500-217392-59	FD-2	88	94	87	100
500-217392-60	FD-3	113	95	92	92
500-217392-61	EB-1	109	91	91	92
LCS 500-659829/4	Lab Control Sample	90	93	87	101
LCS 500-659865/4	Lab Control Sample	91	93	86	98
LCS 500-660109/4	Lab Control Sample	91	95	88	100
LCS 500-660241/8	Lab Control Sample	105	104	124	103
LCS 500-660525/4	Lab Control Sample	91	90	85	101
LCS 500-660528/10	Lab Control Sample	108	97	97	95
LCS 500-660821/5	Lab Control Sample	98	94	93	101
LCS 500-660908/5	Lab Control Sample	108	95	92	93
MB 500-659829/6	Method Blank	86	94	89	102
MB 500-659865/6	Method Blank	89	94	88	98
MB 500-660109/6	Method Blank	87	97	93	97
MB 500-660241/5	Method Blank	110	112	121	101
MB 500-660525/6	Method Blank	88	95	90	97
MB 500-660528/7	Method Blank	110	92	91	94
MB 500-660821/7	Method Blank	105	103	100	100
MB 500-660908/7	Method Blank	112	92	93	92

Surrogate Summary

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 810-20788/5
Matrix: Water
Analysis Batch: 20788

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/02/22 10:47	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/02/22 10:47	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/02/22 10:47	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/02/22 10:47	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Styrene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Toluene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 10:47	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/02/22 10:47	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/02/22 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*06/02/22 10:47*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*78*		*70 - 130*		*06/02/22 10:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*06/02/22 10:47*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*06/02/22 10:47*	*1*

Lab Sample ID: MB 810-20828/5
Matrix: Water
Analysis Batch: 20828

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/02/22 23:20	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/02/22 23:20	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/02/22 23:20	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/02/22 23:20	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 810-20828/5
Matrix: Water
Analysis Batch: 20828

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
Toluene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/02/22 23:20	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/02/22 23:20	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/02/22 23:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*06/02/22 23:20*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*89*		*70 - 130*		*06/02/22 23:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*06/02/22 23:20*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/02/22 23:20*	*1*

Lab Sample ID: MB 810-20905/5
Matrix: Water
Analysis Batch: 20905

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			06/03/22 12:41	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			06/03/22 12:41	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			06/03/22 12:41	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			06/03/22 12:41	1
o-Xylene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Styrene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Toluene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Trichloroethene	<0.20		0.50	0.20	ug/L			06/03/22 12:41	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			06/03/22 12:41	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			06/03/22 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*06/03/22 12:41*	*1*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 810-20905/5
Matrix: Water
Analysis Batch: 20905

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	79		70 - 130		06/03/22 12:41	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		06/03/22 12:41	1
Toluene-d8 (Surr)	94		70 - 130		06/03/22 12:41	1

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

Lab Sample ID: MB 500-659829/6
Matrix: Water
Analysis Batch: 659829

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/04/22 23:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/04/22 23:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/04/22 23:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/04/22 23:05	1
Bromoform	<0.48		1.0	0.48	ug/L			06/04/22 23:05	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/04/22 23:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/04/22 23:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/04/22 23:05	1
Chloroform	<0.37		2.0	0.37	ug/L			06/04/22 23:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/04/22 23:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/04/22 23:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/04/22 23:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/04/22 23:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/04/22 23:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/04/22 23:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/04/22 23:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/04/22 23:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/04/22 23:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/04/22 23:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/04/22 23:05	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/04/22 23:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/04/22 23:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/04/22 23:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/04/22 23:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/04/22 23:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/04/22 23:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/04/22 23:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/04/22 23:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/04/22 23:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/04/22 23:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
Naphthalene	0.550	J	1.0	0.34	ug/L			06/04/22 23:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1

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

Lab Sample ID: MB 500-659829/6
Matrix: Water
Analysis Batch: 659829

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/04/22 23:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/04/22 23:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/22 23:05	1
Styrene	<0.39		1.0	0.39	ug/L			06/04/22 23:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/22 23:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/04/22 23:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/04/22 23:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/04/22 23:05	1
Toluene	<0.15		0.50	0.15	ug/L			06/04/22 23:05	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/04/22 23:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/04/22 23:05	1
1,2,3-Trichlorobenzene	0.645	J	1.0	0.46	ug/L			06/04/22 23:05	1
1,2,4-Trichlorobenzene	0.551	J	1.0	0.34	ug/L			06/04/22 23:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/04/22 23:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/04/22 23:05	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/04/22 23:05	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/04/22 23:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/04/22 23:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/04/22 23:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/04/22 23:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/04/22 23:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/04/22 23:05	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/04/22 23:05	1
Acetone	<1.7		10	1.7	ug/L			06/04/22 23:05	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/04/22 23:05	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/04/22 23:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*06/04/22 23:05*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/04/22 23:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*06/04/22 23:05*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*06/04/22 23:05*	*1*

Lab Sample ID: LCS 500-659829/4
Matrix: Water
Analysis Batch: 659829

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	48.3		ug/L		97	70 - 120
Bromobenzene	50.0	45.6		ug/L		91	70 - 122
Bromochloromethane	50.0	44.9		ug/L		90	65 - 122
Bromodichloromethane	50.0	43.5		ug/L		87	69 - 120
Bromoform	50.0	41.4		ug/L		83	56 - 132
Bromomethane	50.0	35.7		ug/L		71	40 - 152
Carbon tetrachloride	50.0	46.7		ug/L		93	59 - 133
Chlorobenzene	50.0	46.1		ug/L		92	70 - 120
Chloroethane	50.0	52.4		ug/L		105	48 - 136
Chloroform	50.0	43.0		ug/L		86	70 - 120

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

Lab Sample ID: LCS 500-659829/4
Matrix: Water
Analysis Batch: 659829

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	50.0	38.0		ug/L		76	56 - 152
2-Chlorotoluene	50.0	48.0		ug/L		96	70 - 125
4-Chlorotoluene	50.0	47.0		ug/L		94	68 - 124
cis-1,2-Dichloroethene	50.0	45.4		ug/L		91	70 - 125
cis-1,3-Dichloropropene	50.0	42.2		ug/L		84	64 - 127
Dibromochloromethane	50.0	43.2		ug/L		86	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	36.9		ug/L		74	56 - 123
1,2-Dibromoethane	50.0	39.8		ug/L		80	70 - 125
Dibromomethane	50.0	41.7		ug/L		83	70 - 120
1,2-Dichlorobenzene	50.0	45.0		ug/L		90	70 - 125
1,3-Dichlorobenzene	50.0	46.3		ug/L		93	70 - 125
1,4-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 120
Dichlorodifluoromethane	50.0	37.5		ug/L		75	40 - 159
1,1-Dichloroethane	50.0	43.4		ug/L		87	70 - 125
1,2-Dichloroethane	50.0	41.1		ug/L		82	68 - 127
1,1-Dichloroethene	50.0	47.8		ug/L		96	67 - 122
1,2-Dichloropropane	50.0	43.4		ug/L		87	67 - 130
1,3-Dichloropropane	50.0	42.1		ug/L		84	62 - 136
2,2-Dichloropropane	50.0	41.8		ug/L		84	58 - 139
1,1-Dichloropropene	50.0	46.8		ug/L		94	70 - 121
Ethylbenzene	50.0	45.2		ug/L		90	70 - 123
Hexachlorobutadiene	50.0	54.7		ug/L		109	51 - 150
Isopropylbenzene	50.0	50.7		ug/L		101	70 - 126
Methylene Chloride	50.0	43.4		ug/L		87	69 - 125
Methyl tert-butyl ether	50.0	39.8		ug/L		80	55 - 123
Naphthalene	50.0	37.3		ug/L		75	53 - 144
n-Butylbenzene	50.0	49.3		ug/L		99	68 - 125
N-Propylbenzene	50.0	49.8		ug/L		100	69 - 127
p-Isopropyltoluene	50.0	47.4		ug/L		95	70 - 125
sec-Butylbenzene	50.0	52.1		ug/L		104	70 - 123
Styrene	50.0	46.1		ug/L		92	70 - 120
tert-Butylbenzene	50.0	47.9		ug/L		96	70 - 121
1,1,1,2-Tetrachloroethane	50.0	44.0		ug/L		88	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.3		ug/L		81	62 - 140
Tetrachloroethene	50.0	52.5		ug/L		105	70 - 128
Toluene	50.0	47.2		ug/L		94	70 - 125
trans-1,2-Dichloroethene	50.0	46.5		ug/L		93	70 - 125
trans-1,3-Dichloropropene	50.0	39.8		ug/L		80	62 - 128
1,2,3-Trichlorobenzene	50.0	42.9		ug/L		86	51 - 145
1,2,4-Trichlorobenzene	50.0	47.0		ug/L		94	57 - 137
1,1,1-Trichloroethane	50.0	46.7		ug/L		93	70 - 125
1,1,2-Trichloroethane	50.0	43.6		ug/L		87	71 - 130
Trichloroethene	50.0	47.0		ug/L		94	70 - 125
Trichlorofluoromethane	50.0	46.7		ug/L		93	55 - 128
1,2,3-Trichloropropane	50.0	38.6		ug/L		77	50 - 133
1,2,4-Trimethylbenzene	50.0	48.4		ug/L		97	70 - 123
1,3,5-Trimethylbenzene	50.0	48.9		ug/L		98	70 - 123
Vinyl chloride	50.0	42.4		ug/L		85	64 - 126
Xylenes, Total	100	93.5		ug/L		94	70 - 125

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

Lab Sample ID: LCS 500-659829/4
Matrix: Water
Analysis Batch: 659829

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	50.0	46.6		ug/L		93	66 - 120
Acetone	50.0	38.4		ug/L		77	40 - 143
Tetrahydrofuran	100	76.2		ug/L		76	59 - 139
2-Butanone (MEK)	50.0	38.7		ug/L		77	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: MB 500-659865/6
Matrix: Water
Analysis Batch: 659865

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/06/22 12:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/06/22 12:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/06/22 12:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/06/22 12:21	1
Bromoform	<0.48		1.0	0.48	ug/L			06/06/22 12:21	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/06/22 12:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/06/22 12:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/06/22 12:21	1
Chloroform	<0.37		2.0	0.37	ug/L			06/06/22 12:21	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/06/22 12:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/06/22 12:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/06/22 12:21	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/06/22 12:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/06/22 12:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/06/22 12:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/06/22 12:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/06/22 12:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/06/22 12:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/06/22 12:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/06/22 12:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/06/22 12:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/06/22 12:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/06/22 12:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/06/22 12:21	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/06/22 12:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/06/22 12:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/06/22 12:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/06/22 12:21	1

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

Lab Sample ID: MB 500-659865/6
Matrix: Water
Analysis Batch: 659865

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/06/22 12:21	1
Methylene Chloride	2.05	J	5.0	1.6	ug/L			06/06/22 12:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
Naphthalene	0.426	J	1.0	0.34	ug/L			06/06/22 12:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/06/22 12:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/06/22 12:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 12:21	1
Styrene	<0.39		1.0	0.39	ug/L			06/06/22 12:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/06/22 12:21	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/06/22 12:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/06/22 12:21	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/06/22 12:21	1
Toluene	<0.15		0.50	0.15	ug/L			06/06/22 12:21	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/06/22 12:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/06/22 12:21	1
1,2,3-Trichlorobenzene	0.490	J	1.0	0.46	ug/L			06/06/22 12:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/06/22 12:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/06/22 12:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/06/22 12:21	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/06/22 12:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/06/22 12:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/06/22 12:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/06/22 12:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/06/22 12:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/06/22 12:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/06/22 12:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/06/22 12:21	1
Acetone	<1.7		10	1.7	ug/L			06/06/22 12:21	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/06/22 12:21	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/06/22 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*06/06/22 12:21*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*06/06/22 12:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*06/06/22 12:21*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*06/06/22 12:21*	*1*

Lab Sample ID: LCS 500-659865/4
Matrix: Water
Analysis Batch: 659865

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	48.1		ug/L		96	70 - 120
Bromobenzene	50.0	46.4		ug/L		93	70 - 122
Bromochloromethane	50.0	44.1		ug/L		88	65 - 122
Bromodichloromethane	50.0	43.2		ug/L		86	69 - 120

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

Lab Sample ID: LCS 500-659865/4
Matrix: Water
Analysis Batch: 659865

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	50.0	39.9		ug/L		80	56 - 132
Bromomethane	50.0	34.6		ug/L		69	40 - 152
Carbon tetrachloride	50.0	45.6		ug/L		91	59 - 133
Chlorobenzene	50.0	45.0		ug/L		90	70 - 120
Chloroethane	50.0	48.2		ug/L		96	48 - 136
Chloroform	50.0	42.3		ug/L		85	70 - 120
Chloromethane	50.0	33.1		ug/L		66	56 - 152
2-Chlorotoluene	50.0	48.1		ug/L		96	70 - 125
4-Chlorotoluene	50.0	47.1		ug/L		94	68 - 124
cis-1,2-Dichloroethene	50.0	44.9		ug/L		90	70 - 125
cis-1,3-Dichloropropene	50.0	41.7		ug/L		83	64 - 127
Dibromochloromethane	50.0	42.6		ug/L		85	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	35.0		ug/L		70	56 - 123
1,2-Dibromoethane	50.0	38.3		ug/L		77	70 - 125
Dibromomethane	50.0	41.8		ug/L		84	70 - 120
1,2-Dichlorobenzene	50.0	45.5		ug/L		91	70 - 125
1,3-Dichlorobenzene	50.0	47.3		ug/L		95	70 - 125
1,4-Dichlorobenzene	50.0	46.2		ug/L		92	70 - 120
Dichlorodifluoromethane	50.0	25.6		ug/L		51	40 - 159
1,1-Dichloroethane	50.0	43.0		ug/L		86	70 - 125
1,2-Dichloroethane	50.0	41.2		ug/L		82	68 - 127
1,1-Dichloroethene	50.0	47.1		ug/L		94	67 - 122
1,2-Dichloropropane	50.0	43.1		ug/L		86	67 - 130
1,3-Dichloropropane	50.0	41.1		ug/L		82	62 - 136
2,2-Dichloropropane	50.0	40.4		ug/L		81	58 - 139
1,1-Dichloropropene	50.0	45.7		ug/L		91	70 - 121
Ethylbenzene	50.0	43.1		ug/L		86	70 - 123
Hexachlorobutadiene	50.0	53.4		ug/L		107	51 - 150
Isopropylbenzene	50.0	50.3		ug/L		101	70 - 126
Methylene Chloride	50.0	45.0		ug/L		90	69 - 125
Methyl tert-butyl ether	50.0	39.5		ug/L		79	55 - 123
Naphthalene	50.0	36.3		ug/L		73	53 - 144
n-Butylbenzene	50.0	49.5		ug/L		99	68 - 125
N-Propylbenzene	50.0	49.4		ug/L		99	69 - 127
p-Isopropyltoluene	50.0	46.9		ug/L		94	70 - 125
sec-Butylbenzene	50.0	51.7		ug/L		103	70 - 123
Styrene	50.0	44.9		ug/L		90	70 - 120
tert-Butylbenzene	50.0	47.7		ug/L		95	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.9		ug/L		88	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.2		ug/L		80	62 - 140
Tetrachloroethene	50.0	50.0		ug/L		100	70 - 128
Toluene	50.0	45.7		ug/L		91	70 - 125
trans-1,2-Dichloroethene	50.0	45.3		ug/L		91	70 - 125
trans-1,3-Dichloropropene	50.0	38.1		ug/L		76	62 - 128
1,2,3-Trichlorobenzene	50.0	43.1		ug/L		86	51 - 145
1,2,4-Trichlorobenzene	50.0	46.7		ug/L		93	57 - 137
1,1,1-Trichloroethane	50.0	45.4		ug/L		91	70 - 125
1,1,2-Trichloroethane	50.0	41.8		ug/L		84	71 - 130
Trichloroethene	50.0	45.9		ug/L		92	70 - 125

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

Lab Sample ID: LCS 500-659865/4
Matrix: Water
Analysis Batch: 659865

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	50.0	41.7		ug/L		83	55 - 128
1,2,3-Trichloropropane	50.0	38.7		ug/L		77	50 - 133
1,2,4-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
1,3,5-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
Vinyl chloride	50.0	36.8		ug/L		74	64 - 126
Xylenes, Total	100	90.4		ug/L		90	70 - 125
Carbon disulfide	50.0	45.0		ug/L		90	66 - 120
Acetone	50.0	37.6		ug/L		75	40 - 143
Tetrahydrofuran	100	71.3		ug/L		71	59 - 139
2-Butanone (MEK)	50.0	38.2		ug/L		76	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: 500-217392-10 MS
Matrix: Water
Analysis Batch: 659865

Client Sample ID: P-24E
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.15		50.0	55.4		ug/L		111	70 - 120
Bromobenzene	<0.36		50.0	52.8		ug/L		106	70 - 122
Bromochloromethane	<0.43		50.0	54.1		ug/L		108	65 - 122
Bromodichloromethane	<0.37		50.0	52.4		ug/L		105	69 - 120
Bromoform	<0.48		50.0	49.2		ug/L		98	56 - 132
Bromomethane	<0.80		50.0	47.0		ug/L		94	40 - 152
Carbon tetrachloride	<0.38		50.0	51.1		ug/L		102	59 - 133
Chlorobenzene	<0.39		50.0	51.8		ug/L		104	70 - 120
Chloroethane	<0.51		50.0	64.3		ug/L		129	48 - 136
Chloroform	0.46	J	50.0	49.9		ug/L		99	70 - 120
Chloromethane	<0.32		50.0	48.1		ug/L		96	56 - 152
2-Chlorotoluene	<0.31		50.0	51.6		ug/L		103	70 - 125
4-Chlorotoluene	<0.35		50.0	51.0		ug/L		102	68 - 124
cis-1,2-Dichloroethene	2.0		50.0	53.6		ug/L		103	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	46.9		ug/L		94	64 - 127
Dibromochloromethane	<0.49		50.0	51.1		ug/L		102	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	40.1		ug/L		80	56 - 123
1,2-Dibromoethane	<0.39		50.0	46.7		ug/L		93	70 - 125
Dibromomethane	<0.27		50.0	51.8		ug/L		104	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	51.7		ug/L		103	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	51.1		ug/L		102	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	50.5		ug/L		101	70 - 120
Dichlorodifluoromethane	<0.67		50.0	47.6		ug/L		95	40 - 159
1,1-Dichloroethane	<0.41		50.0	49.8		ug/L		100	70 - 125
1,2-Dichloroethane	<0.39		50.0	50.5		ug/L		101	68 - 127
1,1-Dichloroethene	<0.39		50.0	52.0		ug/L		104	67 - 122

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

Lab Sample ID: 500-217392-10 MS
Matrix: Water
Analysis Batch: 659865

Client Sample ID: P-24E
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	<0.43		50.0	51.7		ug/L		103	67 - 130
1,3-Dichloropropane	<0.36		50.0	49.3		ug/L		99	62 - 136
2,2-Dichloropropane	<0.44		50.0	42.8		ug/L		86	58 - 139
1,1-Dichloropropene	<0.30		50.0	50.6		ug/L		101	70 - 121
Ethylbenzene	<0.18		50.0	48.4		ug/L		97	70 - 123
Hexachlorobutadiene	<0.45		50.0	55.7		ug/L		111	51 - 150
Isopropylbenzene	<0.39		50.0	53.1		ug/L		106	70 - 126
Methylene Chloride	<1.6		50.0	54.0		ug/L		108	69 - 125
Methyl tert-butyl ether	<0.39		50.0	46.8		ug/L		94	55 - 123
Naphthalene	<0.34		50.0	40.7		ug/L		81	53 - 144
n-Butylbenzene	<0.39		50.0	50.1		ug/L		100	68 - 125
N-Propylbenzene	<0.41		50.0	52.2		ug/L		104	69 - 127
p-Isopropyltoluene	<0.36		50.0	49.6		ug/L		99	70 - 125
sec-Butylbenzene	<0.40		50.0	53.5		ug/L		107	70 - 123
Styrene	<0.39		50.0	51.9		ug/L		104	70 - 120
tert-Butylbenzene	<0.40		50.0	50.3		ug/L		101	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	50.8		ug/L		102	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	48.5		ug/L		97	62 - 140
Tetrachloroethene	<0.37		50.0	55.5		ug/L		111	70 - 128
Toluene	<0.15		50.0	52.1		ug/L		104	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	51.7		ug/L		103	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	43.5		ug/L		87	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	47.0		ug/L		94	51 - 145
1,2,4-Trichlorobenzene	<0.34		50.0	48.3		ug/L		97	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	49.8		ug/L		100	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	52.2		ug/L		104	71 - 130
Trichloroethene	<0.16		50.0	52.8		ug/L		106	70 - 125
Trichlorofluoromethane	<0.43		50.0	51.0		ug/L		102	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	46.3		ug/L		93	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	52.6		ug/L		105	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	52.6		ug/L		105	70 - 123
Vinyl chloride	0.93	J	50.0	50.8		ug/L		100	64 - 126
Xylenes, Total	<0.22		100	102		ug/L		102	70 - 125
Carbon disulfide	<0.45		50.0	50.1		ug/L		100	66 - 120
Acetone	<1.7		50.0	37.4		ug/L		75	40 - 143
Tetrahydrofuran	<1.9		100	88.7		ug/L		89	59 - 139
2-Butanone (MEK)	<2.1		50.0	38.7		ug/L		77	46 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
Toluene-d8 (Surr)	*98*		*75 - 120*

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

Lab Sample ID: 500-217392-10 MSD
Matrix: Water
Analysis Batch: 659865

Client Sample ID: P-24E
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.15		50.0	51.3		ug/L		103	70 - 120	8	20
Bromobenzene	<0.36		50.0	49.1		ug/L		98	70 - 122	7	20
Bromochloromethane	<0.43		50.0	48.5		ug/L		97	65 - 122	11	20
Bromodichloromethane	<0.37		50.0	47.0		ug/L		94	69 - 120	11	20
Bromoform	<0.48		50.0	43.1		ug/L		86	56 - 132	13	20
Bromomethane	<0.80		50.0	49.9		ug/L		100	40 - 152	6	20
Carbon tetrachloride	<0.38		50.0	47.7		ug/L		95	59 - 133	7	20
Chlorobenzene	<0.39		50.0	48.1		ug/L		96	70 - 120	8	20
Chloroethane	<0.51		50.0	65.1		ug/L		130	48 - 136	1	20
Chloroform	0.46	J	50.0	46.5		ug/L		92	70 - 120	7	20
Chloromethane	<0.32		50.0	44.4		ug/L		89	56 - 152	8	20
2-Chlorotoluene	<0.31		50.0	49.5		ug/L		99	70 - 125	4	20
4-Chlorotoluene	<0.35		50.0	48.1		ug/L		96	68 - 124	6	20
cis-1,2-Dichloroethene	2.0		50.0	50.5		ug/L		97	70 - 125	6	20
cis-1,3-Dichloropropene	<0.42		50.0	42.7		ug/L		85	64 - 127	9	20
Dibromochloromethane	<0.49		50.0	45.7		ug/L		91	68 - 125	11	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	37.8		ug/L		76	56 - 123	6	20
1,2-Dibromoethane	<0.39		50.0	41.6		ug/L		83	70 - 125	12	20
Dibromomethane	<0.27		50.0	45.3		ug/L		91	70 - 120	13	20
1,2-Dichlorobenzene	<0.33		50.0	48.9		ug/L		98	70 - 125	6	20
1,3-Dichlorobenzene	<0.40		50.0	48.9		ug/L		98	70 - 125	4	20
1,4-Dichlorobenzene	<0.36		50.0	47.4		ug/L		95	70 - 120	6	20
Dichlorodifluoromethane	<0.67		50.0	48.8		ug/L		98	40 - 159	2	20
1,1-Dichloroethane	<0.41		50.0	46.8		ug/L		94	70 - 125	6	20
1,2-Dichloroethane	<0.39		50.0	44.8		ug/L		90	68 - 127	12	20
1,1-Dichloroethene	<0.39		50.0	50.3		ug/L		101	67 - 122	3	20
1,2-Dichloropropane	<0.43		50.0	46.6		ug/L		93	67 - 130	10	20
1,3-Dichloropropane	<0.36		50.0	43.5		ug/L		87	62 - 136	12	20
2,2-Dichloropropane	<0.44		50.0	40.5		ug/L		81	58 - 139	5	20
1,1-Dichloropropene	<0.30		50.0	47.1		ug/L		94	70 - 121	7	20
Ethylbenzene	<0.18		50.0	45.2		ug/L		90	70 - 123	7	20
Hexachlorobutadiene	<0.45		50.0	54.6		ug/L		109	51 - 150	2	20
Isopropylbenzene	<0.39		50.0	51.5		ug/L		103	70 - 126	3	20
Methylene Chloride	<1.6		50.0	49.7		ug/L		99	69 - 125	8	20
Methyl tert-butyl ether	<0.39		50.0	41.4		ug/L		83	55 - 123	12	20
Naphthalene	<0.34		50.0	40.4		ug/L		81	53 - 144	1	20
n-Butylbenzene	<0.39		50.0	47.8		ug/L		96	68 - 125	5	20
N-Propylbenzene	<0.41		50.0	50.1		ug/L		100	69 - 127	4	20
p-Isopropyltoluene	<0.36		50.0	47.7		ug/L		95	70 - 125	4	20
sec-Butylbenzene	<0.40		50.0	52.3		ug/L		105	70 - 123	2	20
Styrene	<0.39		50.0	47.3		ug/L		95	70 - 120	9	20
tert-Butylbenzene	<0.40		50.0	48.8		ug/L		98	70 - 121	3	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	47.1		ug/L		94	70 - 125	8	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	43.1		ug/L		86	62 - 140	12	20
Tetrachloroethene	<0.37		50.0	52.0		ug/L		104	70 - 128	6	20
Toluene	<0.15		50.0	48.3		ug/L		97	70 - 125	8	20
trans-1,2-Dichloroethene	<0.35		50.0	49.2		ug/L		98	70 - 125	5	20
trans-1,3-Dichloropropene	<0.36		50.0	40.1		ug/L		80	62 - 128	8	20

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

Lab Sample ID: 500-217392-10 MSD
Matrix: Water
Analysis Batch: 659865

Client Sample ID: P-24E
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	<0.46		50.0	46.9		ug/L		94	51 - 145	0	20
1,2,4-Trichlorobenzene	<0.34		50.0	46.8		ug/L		94	57 - 137	3	20
1,1,1-Trichloroethane	<0.38		50.0	47.3		ug/L		95	70 - 125	5	20
1,1,2-Trichloroethane	<0.35		50.0	46.7		ug/L		93	71 - 130	11	20
Trichloroethene	<0.16		50.0	48.4		ug/L		97	70 - 125	9	20
Trichlorofluoromethane	<0.43		50.0	51.8		ug/L		104	55 - 128	2	20
1,2,3-Trichloropropane	<0.41		50.0	41.5		ug/L		83	50 - 133	11	20
1,2,4-Trimethylbenzene	<0.36		50.0	49.9		ug/L		100	70 - 123	5	20
1,3,5-Trimethylbenzene	<0.25		50.0	50.4		ug/L		101	70 - 123	4	20
Vinyl chloride	0.93	J	50.0	48.9		ug/L		96	64 - 126	4	20
Xylenes, Total	<0.22		100	94.8		ug/L		95	70 - 125	7	20
Carbon disulfide	<0.45		50.0	47.6		ug/L		95	66 - 120	5	20
Acetone	<1.7		50.0	36.2		ug/L		72	40 - 143	3	20
Tetrahydrofuran	<1.9		100	75.4		ug/L		75	59 - 139	16	20
2-Butanone (MEK)	<2.1		50.0	38.4		ug/L		77	46 - 144	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*
Toluene-d8 (Surr)	*99*		*75 - 120*

Lab Sample ID: MB 500-660109/6
Matrix: Water
Analysis Batch: 660109

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/07/22 12:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/07/22 12:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/07/22 12:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/07/22 12:47	1
Bromoform	<0.48		1.0	0.48	ug/L			06/07/22 12:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/07/22 12:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/07/22 12:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/07/22 12:47	1
Chloroform	<0.37		2.0	0.37	ug/L			06/07/22 12:47	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/07/22 12:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/07/22 12:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/07/22 12:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/07/22 12:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/07/22 12:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/07/22 12:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/07/22 12:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/07/22 12:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/07/22 12:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/07/22 12:47	1

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

Lab Sample ID: MB 500-660109/6
Matrix: Water
Analysis Batch: 660109

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/07/22 12:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/07/22 12:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/07/22 12:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/07/22 12:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/07/22 12:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/07/22 12:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/07/22 12:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/07/22 12:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/07/22 12:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/07/22 12:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/07/22 12:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
Naphthalene	0.478	J	1.0	0.34	ug/L			06/07/22 12:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/07/22 12:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/07/22 12:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 12:47	1
Styrene	<0.39		1.0	0.39	ug/L			06/07/22 12:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/07/22 12:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/07/22 12:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/07/22 12:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/07/22 12:47	1
Toluene	<0.15		0.50	0.15	ug/L			06/07/22 12:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/07/22 12:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/07/22 12:47	1
1,2,3-Trichlorobenzene	0.562	J	1.0	0.46	ug/L			06/07/22 12:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/07/22 12:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/07/22 12:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/07/22 12:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/07/22 12:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/07/22 12:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/07/22 12:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/07/22 12:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/07/22 12:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/07/22 12:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/07/22 12:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/07/22 12:47	1
Acetone	<1.7		10	1.7	ug/L			06/07/22 12:47	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/07/22 12:47	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/07/22 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*06/07/22 12:47*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*06/07/22 12:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*06/07/22 12:47*	*1*

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

Lab Sample ID: MB 500-660109/6
Matrix: Water
Analysis Batch: 660109

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		75 - 120		06/07/22 12:47	1

Lab Sample ID: LCS 500-660109/4
Matrix: Water
Analysis Batch: 660109

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	52.2		ug/L		104	70 - 120
Bromobenzene	50.0	49.7		ug/L		99	70 - 122
Bromochloromethane	50.0	49.3		ug/L		99	65 - 122
Bromodichloromethane	50.0	49.0		ug/L		98	69 - 120
Bromoform	50.0	47.8		ug/L		96	56 - 132
Bromomethane	50.0	40.6		ug/L		81	40 - 152
Carbon tetrachloride	50.0	51.1		ug/L		102	59 - 133
Chlorobenzene	50.0	49.0		ug/L		98	70 - 120
Chloroethane	50.0	60.6		ug/L		121	48 - 136
Chloroform	50.0	47.1		ug/L		94	70 - 120
Chloromethane	50.0	52.1		ug/L		104	56 - 152
2-Chlorotoluene	50.0	50.5		ug/L		101	70 - 125
4-Chlorotoluene	50.0	48.9		ug/L		98	68 - 124
cis-1,2-Dichloroethene	50.0	49.6		ug/L		99	70 - 125
cis-1,3-Dichloropropene	50.0	46.3		ug/L		93	64 - 127
Dibromochloromethane	50.0	49.2		ug/L		98	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	40.5		ug/L		81	56 - 123
1,2-Dibromoethane	50.0	44.9		ug/L		90	70 - 125
Dibromomethane	50.0	47.8		ug/L		96	70 - 120
1,2-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 125
1,3-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 125
1,4-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 120
Dichlorodifluoromethane	50.0	59.5		ug/L		119	40 - 159
1,1-Dichloroethane	50.0	47.3		ug/L		95	70 - 125
1,2-Dichloroethane	50.0	46.2		ug/L		92	68 - 127
1,1-Dichloroethene	50.0	53.0		ug/L		106	67 - 122
1,2-Dichloropropane	50.0	48.6		ug/L		97	67 - 130
1,3-Dichloropropane	50.0	46.6		ug/L		93	62 - 136
2,2-Dichloropropane	50.0	45.3		ug/L		91	58 - 139
1,1-Dichloropropene	50.0	50.2		ug/L		100	70 - 121
Ethylbenzene	50.0	46.9		ug/L		94	70 - 123
Hexachlorobutadiene	50.0	54.7		ug/L		109	51 - 150
Isopropylbenzene	50.0	52.0		ug/L		104	70 - 126
Methylene Chloride	50.0	49.1		ug/L		98	69 - 125
Methyl tert-butyl ether	50.0	45.9		ug/L		92	55 - 123
Naphthalene	50.0	41.5		ug/L		83	53 - 144
n-Butylbenzene	50.0	51.0		ug/L		102	68 - 125
N-Propylbenzene	50.0	51.6		ug/L		103	69 - 127
p-Isopropyltoluene	50.0	49.2		ug/L		98	70 - 125
sec-Butylbenzene	50.0	54.0		ug/L		108	70 - 123
Styrene	50.0	48.7		ug/L		97	70 - 120

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

Lab Sample ID: LCS 500-660109/4
Matrix: Water
Analysis Batch: 660109

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	50.0	49.4		ug/L		99	70 - 121
1,1,1,2-Tetrachloroethane	50.0	47.5		ug/L		95	70 - 125
1,1,2,2-Tetrachloroethane	50.0	45.3		ug/L		91	62 - 140
Tetrachloroethene	50.0	55.3		ug/L		111	70 - 128
Toluene	50.0	49.4		ug/L		99	70 - 125
trans-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 125
trans-1,3-Dichloropropene	50.0	43.5		ug/L		87	62 - 128
1,2,3-Trichlorobenzene	50.0	46.9		ug/L		94	51 - 145
1,2,4-Trichlorobenzene	50.0	48.7		ug/L		97	57 - 137
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 125
1,1,2-Trichloroethane	50.0	49.6		ug/L		99	71 - 130
Trichloroethene	50.0	50.7		ug/L		101	70 - 125
Trichlorofluoromethane	50.0	53.9		ug/L		108	55 - 128
1,2,3-Trichloropropane	50.0	43.8		ug/L		88	50 - 133
1,2,4-Trimethylbenzene	50.0	51.5		ug/L		103	70 - 123
1,3,5-Trimethylbenzene	50.0	51.5		ug/L		103	70 - 123
Vinyl chloride	50.0	54.0		ug/L		108	64 - 126
Xylenes, Total	100	99.9		ug/L		100	70 - 125
Carbon disulfide	50.0	52.9		ug/L		106	66 - 120
Acetone	50.0	44.6		ug/L		89	40 - 143
Tetrahydrofuran	100	89.1		ug/L		89	59 - 139
2-Butanone (MEK)	50.0	46.1		ug/L		92	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Sample ID: 500-217392-19 MS
Matrix: Water
Analysis Batch: 660109

Client Sample ID: P-21D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.4		50.0	54.8		ug/L		105	70 - 120
Bromobenzene	<0.36		50.0	49.0		ug/L		98	70 - 122
Bromochloromethane	<0.43		50.0	48.7		ug/L		97	65 - 122
Bromodichloromethane	<0.37		50.0	47.8		ug/L		96	69 - 120
Bromoform	<0.48		50.0	45.1		ug/L		90	56 - 132
Bromomethane	<0.80		50.0	50.6		ug/L		101	40 - 152
Carbon tetrachloride	<0.38		50.0	51.2		ug/L		102	59 - 133
Chlorobenzene	1.5		50.0	50.4		ug/L		98	70 - 120
Chloroethane	<0.51	F1	50.0	68.5	F1	ug/L		137	48 - 136
Chloroform	<0.37		50.0	46.7		ug/L		93	70 - 120
Chloromethane	<0.32		50.0	51.7		ug/L		103	56 - 152
2-Chlorotoluene	<0.31		50.0	50.2		ug/L		100	70 - 125
4-Chlorotoluene	<0.35		50.0	49.2		ug/L		98	68 - 124
cis-1,2-Dichloroethene	1.8		50.0	51.3		ug/L		99	70 - 125

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

Lab Sample ID: 500-217392-19 MS
Matrix: Water
Analysis Batch: 660109

Client Sample ID: P-21D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	<0.42		50.0	43.6		ug/L		87	64 - 127
Dibromochloromethane	<0.49		50.0	48.1		ug/L		96	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	37.7		ug/L		75	56 - 123
1,2-Dibromoethane	<0.39		50.0	42.1		ug/L		84	70 - 125
Dibromomethane	<0.27		50.0	44.9		ug/L		90	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	48.3		ug/L		97	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	49.0		ug/L		98	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	47.8		ug/L		96	70 - 120
Dichlorodifluoromethane	<0.67		50.0	63.1		ug/L		126	40 - 159
1,1-Dichloroethane	2.2		50.0	50.6		ug/L		97	70 - 125
1,2-Dichloroethane	<0.39		50.0	45.1		ug/L		90	68 - 127
1,1-Dichloroethene	<0.39		50.0	54.2		ug/L		108	67 - 122
1,2-Dichloropropane	<0.43		50.0	47.0		ug/L		94	67 - 130
1,3-Dichloropropane	<0.36		50.0	45.0		ug/L		90	62 - 136
2,2-Dichloropropane	<0.44		50.0	43.5		ug/L		87	58 - 139
1,1-Dichloropropene	<0.30		50.0	51.0		ug/L		102	70 - 121
Ethylbenzene	<0.18		50.0	47.4		ug/L		95	70 - 123
Hexachlorobutadiene	<0.45		50.0	55.4		ug/L		111	51 - 150
Isopropylbenzene	0.76	J	50.0	53.2		ug/L		105	70 - 126
Methylene Chloride	1.6	J	50.0	49.5		ug/L		99	69 - 125
Methyl tert-butyl ether	0.75	J	50.0	42.9		ug/L		84	55 - 123
Naphthalene	<0.34		50.0	38.6		ug/L		77	53 - 144
n-Butylbenzene	<0.39		50.0	50.4		ug/L		101	68 - 125
N-Propylbenzene	<0.41		50.0	52.7		ug/L		105	69 - 127
p-Isopropyltoluene	<0.36		50.0	49.7		ug/L		99	70 - 125
sec-Butylbenzene	<0.40		50.0	54.5		ug/L		109	70 - 123
Styrene	<0.39		50.0	48.5		ug/L		97	70 - 120
tert-Butylbenzene	<0.40		50.0	50.5		ug/L		101	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	47.9		ug/L		96	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	42.0		ug/L		84	62 - 140
Tetrachloroethene	<0.37		50.0	54.5		ug/L		109	70 - 128
Toluene	<0.15		50.0	50.7		ug/L		101	70 - 125
trans-1,2-Dichloroethene	0.95	J	50.0	52.1		ug/L		102	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	40.4		ug/L		81	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	45.6		ug/L		91	51 - 145
1,2,4-Trichlorobenzene	<0.34		50.0	46.4		ug/L		93	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	49.7		ug/L		99	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	47.7		ug/L		95	71 - 130
Trichloroethene	<0.16		50.0	50.2		ug/L		100	70 - 125
Trichlorofluoromethane	<0.43		50.0	58.8		ug/L		118	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	41.2		ug/L		82	50 - 133
1,2,4-Trimethylbenzene	0.50	J	50.0	51.9		ug/L		103	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	51.8		ug/L		104	70 - 123
Vinyl chloride	<0.20		50.0	58.9		ug/L		118	64 - 126
Xylenes, Total	1.2		100	99.9		ug/L		99	70 - 125
Carbon disulfide	<0.45		50.0	53.5		ug/L		107	66 - 120
Acetone	<1.7		50.0	37.9		ug/L		76	40 - 143
Tetrahydrofuran	210	F1	100	262	F1	ug/L		52	59 - 139
2-Butanone (MEK)	<2.1		50.0	41.5		ug/L		83	46 - 144

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: 500-217392-19 MSD
Matrix: Water
Analysis Batch: 660109

Client Sample ID: P-21D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	2.4		50.0	59.8		ug/L		115	70 - 120	9	20
Bromobenzene	<0.36		50.0	54.5		ug/L		109	70 - 122	11	20
Bromochloromethane	<0.43		50.0	52.5		ug/L		105	65 - 122	8	20
Bromodichloromethane	<0.37		50.0	51.5		ug/L		103	69 - 120	7	20
Bromoform	<0.48		50.0	48.8		ug/L		98	56 - 132	8	20
Bromomethane	<0.80		50.0	54.5		ug/L		109	40 - 152	7	20
Carbon tetrachloride	<0.38		50.0	56.2		ug/L		112	59 - 133	9	20
Chlorobenzene	1.5		50.0	54.1		ug/L		105	70 - 120	7	20
Chloroethane	<0.51	F1	50.0	69.7	F1	ug/L		139	48 - 136	2	20
Chloroform	<0.37		50.0	51.0		ug/L		102	70 - 120	9	20
Chloromethane	<0.32		50.0	54.0		ug/L		108	56 - 152	4	20
2-Chlorotoluene	<0.31		50.0	55.4		ug/L		111	70 - 125	10	20
4-Chlorotoluene	<0.35		50.0	54.2		ug/L		108	68 - 124	10	20
cis-1,2-Dichloroethene	1.8		50.0	56.4		ug/L		109	70 - 125	9	20
cis-1,3-Dichloropropene	<0.42		50.0	47.5		ug/L		95	64 - 127	9	20
Dibromochloromethane	<0.49		50.0	50.4		ug/L		101	68 - 125	5	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	41.1		ug/L		82	56 - 123	9	20
1,2-Dibromoethane	<0.39		50.0	46.2		ug/L		92	70 - 125	9	20
Dibromomethane	<0.27		50.0	50.2		ug/L		100	70 - 120	11	20
1,2-Dichlorobenzene	<0.33		50.0	53.0		ug/L		106	70 - 125	9	20
1,3-Dichlorobenzene	<0.40		50.0	53.3		ug/L		107	70 - 125	8	20
1,4-Dichlorobenzene	<0.36		50.0	52.5		ug/L		105	70 - 120	9	20
Dichlorodifluoromethane	<0.67		50.0	61.6		ug/L		123	40 - 159	2	20
1,1-Dichloroethane	2.2		50.0	54.6		ug/L		105	70 - 125	8	20
1,2-Dichloroethane	<0.39		50.0	49.6		ug/L		99	68 - 127	9	20
1,1-Dichloroethene	<0.39		50.0	59.3		ug/L		119	67 - 122	9	20
1,2-Dichloropropane	<0.43		50.0	52.3		ug/L		105	67 - 130	11	20
1,3-Dichloropropane	<0.36		50.0	48.2		ug/L		96	62 - 136	7	20
2,2-Dichloropropane	<0.44		50.0	47.6		ug/L		95	58 - 139	9	20
1,1-Dichloropropene	<0.30		50.0	54.9		ug/L		110	70 - 121	7	20
Ethylbenzene	<0.18		50.0	50.3		ug/L		101	70 - 123	6	20
Hexachlorobutadiene	<0.45		50.0	60.3		ug/L		121	51 - 150	8	20
Isopropylbenzene	0.76	J	50.0	58.8		ug/L		116	70 - 126	10	20
Methylene Chloride	1.6	J	50.0	53.9		ug/L		108	69 - 125	9	20
Methyl tert-butyl ether	0.75	J	50.0	46.8		ug/L		92	55 - 123	9	20
Naphthalene	<0.34		50.0	43.5		ug/L		87	53 - 144	12	20
n-Butylbenzene	<0.39		50.0	54.3		ug/L		109	68 - 125	7	20
N-Propylbenzene	<0.41		50.0	57.0		ug/L		114	69 - 127	8	20
p-Isopropyltoluene	<0.36		50.0	54.1		ug/L		108	70 - 125	8	20
sec-Butylbenzene	<0.40		50.0	59.9		ug/L		120	70 - 123	9	20
Styrene	<0.39		50.0	52.2		ug/L		104	70 - 120	7	20

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

Lab Sample ID: 500-217392-19 MSD
Matrix: Water
Analysis Batch: 660109

Client Sample ID: P-21D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
tert-Butylbenzene	<0.40		50.0	55.0		ug/L		110	70 - 121	8	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.2		ug/L		98	70 - 125	3	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	48.5		ug/L		97	62 - 140	14	20
Tetrachloroethene	<0.37		50.0	59.1		ug/L		118	70 - 128	8	20
Toluene	<0.15		50.0	53.4		ug/L		107	70 - 125	5	20
trans-1,2-Dichloroethene	0.95	J	50.0	56.9		ug/L		112	70 - 125	9	20
trans-1,3-Dichloropropene	<0.36		50.0	44.0		ug/L		88	62 - 128	9	20
1,2,3-Trichlorobenzene	<0.46		50.0	48.3		ug/L		97	51 - 145	6	20
1,2,4-Trichlorobenzene	<0.34		50.0	49.5		ug/L		99	57 - 137	7	20
1,1,1-Trichloroethane	<0.38		50.0	54.0		ug/L		108	70 - 125	8	20
1,1,2-Trichloroethane	<0.35		50.0	51.3		ug/L		103	71 - 130	7	20
Trichloroethene	<0.16		50.0	55.2		ug/L		110	70 - 125	9	20
Trichlorofluoromethane	<0.43		50.0	59.4		ug/L		119	55 - 128	1	20
1,2,3-Trichloropropane	<0.41		50.0	46.6		ug/L		93	50 - 133	12	20
1,2,4-Trimethylbenzene	0.50	J	50.0	56.9		ug/L		113	70 - 123	9	20
1,3,5-Trimethylbenzene	<0.25		50.0	57.2		ug/L		114	70 - 123	10	20
Vinyl chloride	<0.20		50.0	59.1		ug/L		118	64 - 126	0	20
Xylenes, Total	1.2		100	108		ug/L		107	70 - 125	8	20
Carbon disulfide	<0.45		50.0	58.0		ug/L		116	66 - 120	8	20
Acetone	<1.7		50.0	43.3		ug/L		87	40 - 143	13	20
Tetrahydrofuran	210	F1	100	286		ug/L		76	59 - 139	9	20
2-Butanone (MEK)	<2.1		50.0	43.8		ug/L		88	46 - 144	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Sample ID: MB 500-660241/5
Matrix: Water
Analysis Batch: 660241

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/08/22 10:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/08/22 10:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/08/22 10:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/08/22 10:18	1
Bromoform	<0.48		1.0	0.48	ug/L			06/08/22 10:18	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/08/22 10:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/08/22 10:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/08/22 10:18	1
Chloroform	0.461	J	2.0	0.37	ug/L			06/08/22 10:18	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/08/22 10:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/08/22 10:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/08/22 10:18	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/08/22 10:18	1

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

Lab Sample ID: MB 500-660241/5
Matrix: Water
Analysis Batch: 660241

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/08/22 10:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/08/22 10:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/08/22 10:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/08/22 10:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/08/22 10:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/08/22 10:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/08/22 10:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/08/22 10:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/08/22 10:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/08/22 10:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/08/22 10:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/08/22 10:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/08/22 10:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/08/22 10:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/08/22 10:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/08/22 10:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/08/22 10:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
Naphthalene	0.601	J	1.0	0.34	ug/L			06/08/22 10:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/08/22 10:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/08/22 10:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 10:18	1
Styrene	<0.39		1.0	0.39	ug/L			06/08/22 10:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/08/22 10:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/08/22 10:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/08/22 10:18	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/08/22 10:18	1
Toluene	<0.15		0.50	0.15	ug/L			06/08/22 10:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/08/22 10:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/08/22 10:18	1
1,2,3-Trichlorobenzene	0.740	J	1.0	0.46	ug/L			06/08/22 10:18	1
1,2,4-Trichlorobenzene	0.585	J	1.0	0.34	ug/L			06/08/22 10:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/08/22 10:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/08/22 10:18	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/08/22 10:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/08/22 10:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/08/22 10:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/08/22 10:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/08/22 10:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/08/22 10:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/08/22 10:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/08/22 10:18	1
Acetone	<1.7		10	1.7	ug/L			06/08/22 10:18	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/08/22 10:18	1

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

Lab Sample ID: MB 500-660241/5
Matrix: Water
Analysis Batch: 660241

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/08/22 10:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*06/08/22 10:18*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*06/08/22 10:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*75 - 126*		*06/08/22 10:18*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*06/08/22 10:18*	*1*

Lab Sample ID: LCS 500-660241/8
Matrix: Water
Analysis Batch: 660241

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	40.0	31.9		ug/L		80	70 - 120
Bromobenzene	40.0	34.4		ug/L		86	70 - 122
Bromochloromethane	40.0	33.9		ug/L		85	65 - 122
Bromodichloromethane	40.0	36.4		ug/L		91	69 - 120
Bromoform	40.0	39.8		ug/L		100	56 - 132
Bromomethane	40.0	31.9		ug/L		80	40 - 152
Carbon tetrachloride	40.0	44.6		ug/L		111	59 - 133
Chlorobenzene	40.0	33.7		ug/L		84	70 - 120
Chloroethane	40.0	32.1		ug/L		80	48 - 136
Chloroform	40.0	35.2		ug/L		88	70 - 120
Chloromethane	40.0	18.6	*	ug/L		47	56 - 152
2-Chlorotoluene	40.0	32.2		ug/L		80	70 - 125
4-Chlorotoluene	40.0	32.3		ug/L		81	68 - 124
cis-1,2-Dichloroethene	40.0	32.9		ug/L		82	70 - 125
cis-1,3-Dichloropropene	40.0	35.0		ug/L		87	64 - 127
Dibromochloromethane	40.0	38.3		ug/L		96	68 - 125
1,2-Dibromo-3-Chloropropane	40.0	35.8		ug/L		90	56 - 123
1,2-Dibromoethane	40.0	32.9		ug/L		82	70 - 125
Dibromomethane	40.0	33.8		ug/L		84	70 - 120
1,2-Dichlorobenzene	40.0	35.1		ug/L		88	70 - 125
1,3-Dichlorobenzene	40.0	35.2		ug/L		88	70 - 125
1,4-Dichlorobenzene	40.0	33.7		ug/L		84	70 - 120
Dichlorodifluoromethane	40.0	40.3		ug/L		101	40 - 159
1,1-Dichloroethane	40.0	32.9		ug/L		82	70 - 125
1,2-Dichloroethane	40.0	34.2		ug/L		85	68 - 127
1,1-Dichloroethene	40.0	34.5		ug/L		86	67 - 122
1,2-Dichloropropane	40.0	29.7		ug/L		74	67 - 130
1,3-Dichloropropane	40.0	33.4		ug/L		83	62 - 136
2,2-Dichloropropane	40.0	37.7		ug/L		94	58 - 139
1,1-Dichloropropene	40.0	37.0		ug/L		92	70 - 121
Ethylbenzene	40.0	31.5		ug/L		79	70 - 123
Hexachlorobutadiene	40.0	32.6		ug/L		81	51 - 150
Isopropylbenzene	40.0	31.1		ug/L		78	70 - 126
Methylene Chloride	40.0	31.7		ug/L		79	69 - 125
Methyl tert-butyl ether	40.0	33.3		ug/L		83	55 - 123

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

Lab Sample ID: LCS 500-660241/8
Matrix: Water
Analysis Batch: 660241

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	40.0	26.8		ug/L		67	53 - 144
n-Butylbenzene	40.0	31.3		ug/L		78	68 - 125
N-Propylbenzene	40.0	31.9		ug/L		80	69 - 127
p-Isopropyltoluene	40.0	32.7		ug/L		82	70 - 125
sec-Butylbenzene	40.0	32.1		ug/L		80	70 - 123
Styrene	40.0	33.6		ug/L		84	70 - 120
tert-Butylbenzene	40.0	32.2		ug/L		81	70 - 121
1,1,1,2-Tetrachloroethane	40.0	35.8		ug/L		90	70 - 125
1,1,2,2-Tetrachloroethane	40.0	30.6		ug/L		77	62 - 140
Tetrachloroethene	40.0	36.1		ug/L		90	70 - 128
Toluene	40.0	33.4		ug/L		84	70 - 125
trans-1,2-Dichloroethene	40.0	34.3		ug/L		86	70 - 125
trans-1,3-Dichloropropene	40.0	37.5		ug/L		94	62 - 128
1,2,3-Trichlorobenzene	40.0	29.4		ug/L		73	51 - 145
1,2,4-Trichlorobenzene	40.0	30.2		ug/L		75	57 - 137
1,1,1-Trichloroethane	40.0	37.9		ug/L		95	70 - 125
1,1,2-Trichloroethane	40.0	32.9		ug/L		82	71 - 130
Trichloroethene	40.0	31.1		ug/L		78	70 - 125
Trichlorofluoromethane	40.0	43.1		ug/L		108	55 - 128
1,2,3-Trichloropropane	40.0	36.4		ug/L		91	50 - 133
1,2,4-Trimethylbenzene	40.0	32.9		ug/L		82	70 - 123
1,3,5-Trimethylbenzene	40.0	32.3		ug/L		81	70 - 123
Vinyl chloride	40.0	27.0		ug/L		67	64 - 126
Xylenes, Total	80.0	64.0		ug/L		80	70 - 125
Carbon disulfide	40.0	33.4		ug/L		84	66 - 120
Acetone	40.0	20.7		ug/L		52	40 - 143
Tetrahydrofuran	80.0	35.4	*	ug/L		44	59 - 139
2-Butanone (MEK)	40.0	21.6		ug/L		54	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane (Surr)	*104*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*124*		*75 - 126*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: MB 500-660525/6
Matrix: Water
Analysis Batch: 660525

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 14:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 14:11	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 14:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 14:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 14:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1

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

Lab Sample ID: MB 500-660525/6
Matrix: Water
Analysis Batch: 660525

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 14:11	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 14:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 14:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 14:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 14:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 14:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 14:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 14:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 14:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 14:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 14:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 14:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 14:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 14:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 14:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 14:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 14:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 14:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 14:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 14:11	1
Methylene Chloride	8.70		5.0	1.6	ug/L			06/09/22 14:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
Naphthalene	0.496	J	1.0	0.34	ug/L			06/09/22 14:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 14:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 14:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:11	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 14:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 14:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 14:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 14:11	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 14:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 14:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 14:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 14:11	1
1,2,4-Trichlorobenzene	0.392	J	1.0	0.34	ug/L			06/09/22 14:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 14:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 14:11	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 14:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 14:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:11	1

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

Lab Sample ID: MB 500-660525/6
Matrix: Water
Analysis Batch: 660525

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 14:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 14:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 14:11	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 14:11	1
Acetone	6.21	J	10	1.7	ug/L			06/09/22 14:11	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 14:11	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 14:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*06/09/22 14:11*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*06/09/22 14:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/09/22 14:11*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*06/09/22 14:11*	*1*

Lab Sample ID: LCS 500-660525/4
Matrix: Water
Analysis Batch: 660525

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	46.2		ug/L		92	70 - 120
Bromobenzene	50.0	46.4		ug/L		93	70 - 122
Bromochloromethane	50.0	41.8		ug/L		84	65 - 122
Bromodichloromethane	50.0	41.3		ug/L		83	69 - 120
Bromoform	50.0	40.0		ug/L		80	56 - 132
Bromomethane	50.0	38.3		ug/L		77	40 - 152
Carbon tetrachloride	50.0	46.3		ug/L		93	59 - 133
Chlorobenzene	50.0	43.6		ug/L		87	70 - 120
Chloroethane	50.0	52.7		ug/L		105	48 - 136
Chloroform	50.0	41.1		ug/L		82	70 - 120
Chloromethane	50.0	42.9		ug/L		86	56 - 152
2-Chlorotoluene	50.0	48.1		ug/L		96	70 - 125
4-Chlorotoluene	50.0	46.9		ug/L		94	68 - 124
cis-1,2-Dichloroethene	50.0	43.5		ug/L		87	70 - 125
cis-1,3-Dichloropropene	50.0	41.0		ug/L		82	64 - 127
Dibromochloromethane	50.0	42.3		ug/L		85	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	35.4		ug/L		71	56 - 123
1,2-Dibromoethane	50.0	37.8		ug/L		76	70 - 125
Dibromomethane	50.0	40.0		ug/L		80	70 - 120
1,2-Dichlorobenzene	50.0	45.2		ug/L		90	70 - 125
1,3-Dichlorobenzene	50.0	45.8		ug/L		92	70 - 125
1,4-Dichlorobenzene	50.0	45.6		ug/L		91	70 - 120
Dichlorodifluoromethane	50.0	48.3		ug/L		97	40 - 159
1,1-Dichloroethane	50.0	41.4		ug/L		83	70 - 125
1,2-Dichloroethane	50.0	39.3		ug/L		79	68 - 127
1,1-Dichloroethene	50.0	48.1		ug/L		96	67 - 122
1,2-Dichloropropane	50.0	41.5		ug/L		83	67 - 130
1,3-Dichloropropane	50.0	40.4		ug/L		81	62 - 136
2,2-Dichloropropane	50.0	39.8		ug/L		80	58 - 139

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

Lab Sample ID: LCS 500-660525/4
Matrix: Water
Analysis Batch: 660525

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloropropene	50.0	45.8		ug/L		92	70 - 121
Ethylbenzene	50.0	42.8		ug/L		86	70 - 123
Hexachlorobutadiene	50.0	52.5		ug/L		105	51 - 150
Isopropylbenzene	50.0	50.4		ug/L		101	70 - 126
Methylene Chloride	50.0	50.4		ug/L		101	69 - 125
Methyl tert-butyl ether	50.0	36.7		ug/L		73	55 - 123
Naphthalene	50.0	35.2		ug/L		70	53 - 144
n-Butylbenzene	50.0	49.2		ug/L		98	68 - 125
N-Propylbenzene	50.0	50.1		ug/L		100	69 - 127
p-Isopropyltoluene	50.0	47.6		ug/L		95	70 - 125
sec-Butylbenzene	50.0	52.4		ug/L		105	70 - 123
Styrene	50.0	43.5		ug/L		87	70 - 120
tert-Butylbenzene	50.0	47.8		ug/L		96	70 - 121
1,1,1,2-Tetrachloroethane	50.0	40.9		ug/L		82	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.5		ug/L		81	62 - 140
Tetrachloroethene	50.0	50.5		ug/L		101	70 - 128
Toluene	50.0	44.7		ug/L		89	70 - 125
trans-1,2-Dichloroethene	50.0	45.1		ug/L		90	70 - 125
trans-1,3-Dichloropropene	50.0	37.4		ug/L		75	62 - 128
1,2,3-Trichlorobenzene	50.0	40.6		ug/L		81	51 - 145
1,2,4-Trichlorobenzene	50.0	44.1		ug/L		88	57 - 137
1,1,1-Trichloroethane	50.0	43.9		ug/L		88	70 - 125
1,1,2-Trichloroethane	50.0	42.1		ug/L		84	71 - 130
Trichloroethene	50.0	45.4		ug/L		91	70 - 125
Trichlorofluoromethane	50.0	47.4		ug/L		95	55 - 128
1,2,3-Trichloropropane	50.0	38.5		ug/L		77	50 - 133
1,2,4-Trimethylbenzene	50.0	49.6		ug/L		99	70 - 123
1,3,5-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
Vinyl chloride	50.0	47.3		ug/L		95	64 - 126
Xylenes, Total	100	89.8		ug/L		90	70 - 125
Carbon disulfide	50.0	47.0		ug/L		94	66 - 120
Acetone	50.0	40.8		ug/L		82	40 - 143
Tetrahydrofuran	100	70.3		ug/L		70	59 - 139
2-Butanone (MEK)	50.0	37.1		ug/L		74	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane (Surr)	*90*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: MB 500-660528/7
Matrix: Water
Analysis Batch: 660528

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/09/22 14:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:42	1

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

Lab Sample ID: MB 500-660528/7
Matrix: Water
Analysis Batch: 660528

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/09/22 14:42	1
Bromoform	<0.48		1.0	0.48	ug/L			06/09/22 14:42	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/09/22 14:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/22 14:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/09/22 14:42	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/22 14:42	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/09/22 14:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/09/22 14:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/09/22 14:42	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/09/22 14:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/09/22 14:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/09/22 14:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/09/22 14:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/09/22 14:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/09/22 14:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/09/22 14:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/09/22 14:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/09/22 14:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/09/22 14:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/09/22 14:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/09/22 14:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/22 14:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/09/22 14:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/09/22 14:42	1
Methylene Chloride	9.10		5.0	1.6	ug/L			06/09/22 14:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/09/22 14:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/09/22 14:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/09/22 14:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:42	1
Styrene	<0.39		1.0	0.39	ug/L			06/09/22 14:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/09/22 14:42	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/09/22 14:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/22 14:42	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/22 14:42	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/22 14:42	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/09/22 14:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/09/22 14:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/09/22 14:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/09/22 14:42	1

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

Lab Sample ID: MB 500-660528/7
Matrix: Water
Analysis Batch: 660528

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/22 14:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/22 14:42	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/22 14:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/09/22 14:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/09/22 14:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/09/22 14:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/09/22 14:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/22 14:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/09/22 14:42	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/09/22 14:42	1
Acetone	7.85	J	10	1.7	ug/L			06/09/22 14:42	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/09/22 14:42	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/09/22 14:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*06/09/22 14:42*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/09/22 14:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/09/22 14:42*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*06/09/22 14:42*	*1*

Lab Sample ID: LCS 500-660528/10
Matrix: Water
Analysis Batch: 660528

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	50.3		ug/L		101	70 - 120
Bromobenzene	50.0	52.4		ug/L		105	70 - 122
Bromochloromethane	50.0	50.7		ug/L		101	65 - 122
Bromodichloromethane	50.0	48.2		ug/L		96	69 - 120
Bromoform	50.0	50.4		ug/L		101	56 - 132
Bromomethane	50.0	57.4		ug/L		115	40 - 152
Carbon tetrachloride	50.0	45.2		ug/L		90	59 - 133
Chlorobenzene	50.0	48.2		ug/L		96	70 - 120
Chloroethane	50.0	54.5		ug/L		109	48 - 136
Chloroform	50.0	47.7		ug/L		95	70 - 120
Chloromethane	50.0	46.8		ug/L		94	56 - 152
2-Chlorotoluene	50.0	50.7		ug/L		101	70 - 125
4-Chlorotoluene	50.0	51.1		ug/L		102	68 - 124
cis-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 125
cis-1,3-Dichloropropene	50.0	53.2		ug/L		106	64 - 127
Dibromochloromethane	50.0	49.7		ug/L		99	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/L		102	56 - 123
1,2-Dibromoethane	50.0	52.3		ug/L		105	70 - 125
Dibromomethane	50.0	52.1		ug/L		104	70 - 120
1,2-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 125
1,3-Dichlorobenzene	50.0	48.9		ug/L		98	70 - 125
1,4-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 120
Dichlorodifluoromethane	50.0	42.9		ug/L		86	40 - 159

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

Lab Sample ID: LCS 500-660528/10
Matrix: Water
Analysis Batch: 660528

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	54.4		ug/L		109	70 - 125
1,2-Dichloroethane	50.0	51.3		ug/L		103	68 - 127
1,1-Dichloroethene	50.0	48.0		ug/L		96	67 - 122
1,2-Dichloropropane	50.0	55.6		ug/L		111	67 - 130
1,3-Dichloropropane	50.0	55.4		ug/L		111	62 - 136
2,2-Dichloropropane	50.0	60.5		ug/L		121	58 - 139
1,1-Dichloropropene	50.0	48.2		ug/L		96	70 - 121
Ethylbenzene	50.0	46.8		ug/L		94	70 - 123
Hexachlorobutadiene	50.0	42.1		ug/L		84	51 - 150
Isopropylbenzene	50.0	48.9		ug/L		98	70 - 126
Methylene Chloride	50.0	54.5		ug/L		109	69 - 125
Methyl tert-butyl ether	50.0	53.9		ug/L		108	55 - 123
Naphthalene	50.0	44.3		ug/L		89	53 - 144
n-Butylbenzene	50.0	45.3		ug/L		91	68 - 125
N-Propylbenzene	50.0	49.1		ug/L		98	69 - 127
p-Isopropyltoluene	50.0	48.0		ug/L		96	70 - 125
sec-Butylbenzene	50.0	47.1		ug/L		94	70 - 123
Styrene	50.0	52.1		ug/L		104	70 - 120
tert-Butylbenzene	50.0	48.7		ug/L		97	70 - 121
1,1,1,2-Tetrachloroethane	50.0	48.3		ug/L		97	70 - 125
1,1,2,2-Tetrachloroethane	50.0	59.8		ug/L		120	62 - 140
Tetrachloroethene	50.0	43.3		ug/L		87	70 - 128
Toluene	50.0	51.5		ug/L		103	70 - 125
trans-1,2-Dichloroethene	50.0	49.4		ug/L		99	70 - 125
trans-1,3-Dichloropropene	50.0	53.6		ug/L		107	62 - 128
1,2,3-Trichlorobenzene	50.0	44.7		ug/L		89	51 - 145
1,2,4-Trichlorobenzene	50.0	46.5		ug/L		93	57 - 137
1,1,1-Trichloroethane	50.0	46.3		ug/L		93	70 - 125
1,1,2-Trichloroethane	50.0	54.2		ug/L		108	71 - 130
Trichloroethene	50.0	46.4		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	46.3		ug/L		93	55 - 128
1,2,3-Trichloropropane	50.0	58.3		ug/L		117	50 - 133
1,2,4-Trimethylbenzene	50.0	51.3		ug/L		103	70 - 123
1,3,5-Trimethylbenzene	50.0	50.2		ug/L		100	70 - 123
Vinyl chloride	50.0	48.4		ug/L		97	64 - 126
Xylenes, Total	100	98.9		ug/L		99	70 - 125
Carbon disulfide	50.0	49.1		ug/L		98	66 - 120
Acetone	50.0	59.6		ug/L		119	40 - 143
Tetrahydrofuran	100	106		ug/L		106	59 - 139
2-Butanone (MEK)	50.0	58.0		ug/L		116	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*

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

Lab Sample ID: 500-217392-44 MS
Matrix: Water
Analysis Batch: 660528

Client Sample ID: P-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.15		50.0	48.6		ug/L		97	70 - 120
Bromobenzene	<0.36		50.0	50.6		ug/L		101	70 - 122
Bromochloromethane	<0.43		50.0	47.7		ug/L		95	65 - 122
Bromodichloromethane	<0.37		50.0	47.3		ug/L		95	69 - 120
Bromoform	<0.48		50.0	46.2		ug/L		92	56 - 132
Bromomethane	<0.80	F1	50.0	77.3	F1	ug/L		155	40 - 152
Carbon tetrachloride	<0.38		50.0	46.0		ug/L		92	59 - 133
Chlorobenzene	<0.39		50.0	46.8		ug/L		94	70 - 120
Chloroethane	<0.51		50.0	57.2		ug/L		114	48 - 136
Chloroform	<0.37		50.0	45.3		ug/L		91	70 - 120
Chloromethane	<0.32		50.0	40.2		ug/L		80	56 - 152
2-Chlorotoluene	<0.31		50.0	51.5		ug/L		103	70 - 125
4-Chlorotoluene	<0.35		50.0	51.6		ug/L		103	68 - 124
cis-1,2-Dichloroethene	<0.41		50.0	48.0		ug/L		96	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	47.7		ug/L		95	64 - 127
Dibromochloromethane	<0.49		50.0	45.0		ug/L		90	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	42.6		ug/L		85	56 - 123
1,2-Dibromoethane	<0.39		50.0	47.0		ug/L		94	70 - 125
Dibromomethane	<0.27		50.0	47.8		ug/L		96	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	48.2		ug/L		96	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	47.8		ug/L		96	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	47.0		ug/L		94	70 - 120
Dichlorodifluoromethane	<0.67		50.0	37.5		ug/L		75	40 - 159
1,1-Dichloroethane	<0.41		50.0	51.3		ug/L		103	70 - 125
1,2-Dichloroethane	<0.39		50.0	47.1		ug/L		94	68 - 127
1,1-Dichloroethene	<0.39		50.0	45.3		ug/L		91	67 - 122
1,2-Dichloropropane	<0.43		50.0	53.1		ug/L		106	67 - 130
1,3-Dichloropropane	<0.36		50.0	49.1		ug/L		98	62 - 136
2,2-Dichloropropane	<0.44		50.0	49.7		ug/L		99	58 - 139
1,1-Dichloropropene	<0.30		50.0	47.8		ug/L		96	70 - 121
Ethylbenzene	<0.18		50.0	47.6		ug/L		95	70 - 123
Hexachlorobutadiene	<0.45		50.0	44.0		ug/L		88	51 - 150
Isopropylbenzene	<0.39		50.0	50.7		ug/L		101	70 - 126
Methylene Chloride	4.9	J B	50.0	47.5		ug/L		85	69 - 125
Methyl tert-butyl ether	<0.39		50.0	47.3		ug/L		95	55 - 123
Naphthalene	<0.34		50.0	40.6		ug/L		81	53 - 144
n-Butylbenzene	<0.39		50.0	48.2		ug/L		96	68 - 125
N-Propylbenzene	<0.41		50.0	52.1		ug/L		104	69 - 127
p-Isopropyltoluene	<0.36		50.0	49.9		ug/L		100	70 - 125
sec-Butylbenzene	<0.40		50.0	49.9		ug/L		100	70 - 123
Styrene	<0.39		50.0	50.7		ug/L		101	70 - 120
tert-Butylbenzene	<0.40		50.0	51.3		ug/L		103	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.9		ug/L		90	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	50.1		ug/L		100	62 - 140
Tetrachloroethene	<0.37		50.0	44.2		ug/L		88	70 - 128
Toluene	<0.15		50.0	48.9		ug/L		98	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	47.3		ug/L		95	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	48.1		ug/L		96	62 - 128

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

Lab Sample ID: 500-217392-44 MS
Matrix: Water
Analysis Batch: 660528

Client Sample ID: P-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	<0.46		50.0	40.8		ug/L		82	51 - 145
1,2,4-Trichlorobenzene	<0.34		50.0	42.0		ug/L		84	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	45.0		ug/L		90	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	47.6		ug/L		95	71 - 130
Trichloroethene	0.24	J	50.0	46.8		ug/L		93	70 - 125
Trichlorofluoromethane	<0.43		50.0	42.3		ug/L		85	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	51.4		ug/L		103	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	51.7		ug/L		103	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	51.4		ug/L		103	70 - 123
Vinyl chloride	<0.20		50.0	44.8		ug/L		90	64 - 126
Xylenes, Total	<0.22		100	98.2		ug/L		98	70 - 125
Carbon disulfide	<0.45		50.0	49.8		ug/L		100	66 - 120
Acetone	<1.7		50.0	41.7		ug/L		83	40 - 143
Tetrahydrofuran	<1.9		100	89.2		ug/L		89	59 - 139
2-Butanone (MEK)	<2.1		50.0	47.7		ug/L		95	46 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*
Toluene-d8 (Surr)	*93*		*75 - 120*

Lab Sample ID: 500-217392-44 MSD
Matrix: Water
Analysis Batch: 660528

Client Sample ID: P-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.15		50.0	51.0		ug/L		102	70 - 120	5	20
Bromobenzene	<0.36		50.0	54.2		ug/L		108	70 - 122	7	20
Bromochloromethane	<0.43		50.0	49.6		ug/L		99	65 - 122	4	20
Bromodichloromethane	<0.37		50.0	50.0		ug/L		100	69 - 120	6	20
Bromoform	<0.48		50.0	50.9		ug/L		102	56 - 132	10	20
Bromomethane	<0.80	F1	50.0	78.5	F1	ug/L		157	40 - 152	2	20
Carbon tetrachloride	<0.38		50.0	48.9		ug/L		98	59 - 133	6	20
Chlorobenzene	<0.39		50.0	49.0		ug/L		98	70 - 120	5	20
Chloroethane	<0.51		50.0	57.8		ug/L		116	48 - 136	1	20
Chloroform	<0.37		50.0	47.9		ug/L		96	70 - 120	6	20
Chloromethane	<0.32		50.0	41.0		ug/L		82	56 - 152	2	20
2-Chlorotoluene	<0.31		50.0	54.3		ug/L		109	70 - 125	5	20
4-Chlorotoluene	<0.35		50.0	54.4		ug/L		109	68 - 124	5	20
cis-1,2-Dichloroethene	<0.41		50.0	50.9		ug/L		102	70 - 125	6	20
cis-1,3-Dichloropropene	<0.42		50.0	51.1		ug/L		102	64 - 127	7	20
Dibromochloromethane	<0.49		50.0	49.3		ug/L		99	68 - 125	9	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	47.5		ug/L		95	56 - 123	11	20
1,2-Dibromoethane	<0.39		50.0	49.9		ug/L		100	70 - 125	6	20
Dibromomethane	<0.27		50.0	51.8		ug/L		104	70 - 120	8	20
1,2-Dichlorobenzene	<0.33		50.0	50.6		ug/L		101	70 - 125	5	20
1,3-Dichlorobenzene	<0.40		50.0	50.0		ug/L		100	70 - 125	4	20

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

Lab Sample ID: 500-217392-44 MSD
Matrix: Water
Analysis Batch: 660528

Client Sample ID: P-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	<0.36		50.0	49.8		ug/L		100	70 - 120	6	20
Dichlorodifluoromethane	<0.67		50.0	37.7		ug/L		75	40 - 159	1	20
1,1-Dichloroethane	<0.41		50.0	53.8		ug/L		108	70 - 125	5	20
1,2-Dichloroethane	<0.39		50.0	50.1		ug/L		100	68 - 127	6	20
1,1-Dichloroethene	<0.39		50.0	48.3		ug/L		97	67 - 122	6	20
1,2-Dichloropropane	<0.43		50.0	56.4		ug/L		113	67 - 130	6	20
1,3-Dichloropropane	<0.36		50.0	52.4		ug/L		105	62 - 136	6	20
2,2-Dichloropropane	<0.44		50.0	55.5		ug/L		111	58 - 139	11	20
1,1-Dichloropropene	<0.30		50.0	50.8		ug/L		102	70 - 121	6	20
Ethylbenzene	<0.18		50.0	49.7		ug/L		99	70 - 123	4	20
Hexachlorobutadiene	<0.45		50.0	45.1		ug/L		90	51 - 150	3	20
Isopropylbenzene	<0.39		50.0	53.4		ug/L		107	70 - 126	5	20
Methylene Chloride	4.9	J B	50.0	49.6		ug/L		89	69 - 125	4	20
Methyl tert-butyl ether	<0.39		50.0	50.9		ug/L		102	55 - 123	7	20
Naphthalene	<0.34		50.0	43.7		ug/L		87	53 - 144	7	20
n-Butylbenzene	<0.39		50.0	49.4		ug/L		99	68 - 125	2	20
N-Propylbenzene	<0.41		50.0	54.2		ug/L		108	69 - 127	4	20
p-Isopropyltoluene	<0.36		50.0	52.4		ug/L		105	70 - 125	5	20
sec-Butylbenzene	<0.40		50.0	52.4		ug/L		105	70 - 123	5	20
Styrene	<0.39		50.0	53.4		ug/L		107	70 - 120	5	20
tert-Butylbenzene	<0.40		50.0	53.2		ug/L		106	70 - 121	4	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	48.0		ug/L		96	70 - 125	7	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	55.0		ug/L		110	62 - 140	9	20
Tetrachloroethene	<0.37		50.0	46.2		ug/L		92	70 - 128	4	20
Toluene	<0.15		50.0	51.7		ug/L		103	70 - 125	6	20
trans-1,2-Dichloroethene	<0.35		50.0	49.6		ug/L		99	70 - 125	5	20
trans-1,3-Dichloropropene	<0.36		50.0	51.4		ug/L		103	62 - 128	7	20
1,2,3-Trichlorobenzene	<0.46		50.0	43.0		ug/L		86	51 - 145	5	20
1,2,4-Trichlorobenzene	<0.34		50.0	42.9		ug/L		86	57 - 137	2	20
1,1,1-Trichloroethane	<0.38		50.0	47.4		ug/L		95	70 - 125	5	20
1,1,2-Trichloroethane	<0.35		50.0	50.7		ug/L		101	71 - 130	6	20
Trichloroethene	0.24	J	50.0	49.4		ug/L		98	70 - 125	5	20
Trichlorofluoromethane	<0.43		50.0	43.8		ug/L		88	55 - 128	4	20
1,2,3-Trichloropropane	<0.41		50.0	56.5		ug/L		113	50 - 133	9	20
1,2,4-Trimethylbenzene	<0.36		50.0	54.1		ug/L		108	70 - 123	5	20
1,3,5-Trimethylbenzene	<0.25		50.0	54.2		ug/L		108	70 - 123	5	20
Vinyl chloride	<0.20		50.0	45.5		ug/L		91	64 - 126	2	20
Xylenes, Total	<0.22		100	104		ug/L		104	70 - 125	6	20
Carbon disulfide	<0.45		50.0	53.0		ug/L		106	66 - 120	6	20
Acetone	<1.7		50.0	41.7		ug/L		83	40 - 143	0	20
Tetrahydrofuran	<1.9		100	97.7		ug/L		98	59 - 139	9	20
2-Butanone (MEK)	<2.1		50.0	48.5		ug/L		97	46 - 144	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
Toluene-d8 (Surr)	*94*		*75 - 120*

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

Lab Sample ID: MB 500-660821/7
Matrix: Water
Analysis Batch: 660821

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/11/22 09:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/11/22 09:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/11/22 09:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/11/22 09:51	1
Bromoform	<0.48		1.0	0.48	ug/L			06/11/22 09:51	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/11/22 09:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/11/22 09:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/11/22 09:51	1
Chloroform	<0.37		2.0	0.37	ug/L			06/11/22 09:51	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/11/22 09:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/11/22 09:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/11/22 09:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/11/22 09:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/11/22 09:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/11/22 09:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/11/22 09:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/11/22 09:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/11/22 09:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/11/22 09:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/11/22 09:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/11/22 09:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/11/22 09:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/11/22 09:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/11/22 09:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/11/22 09:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/11/22 09:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/11/22 09:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/11/22 09:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/11/22 09:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/11/22 09:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
Naphthalene	0.898	J	1.0	0.34	ug/L			06/11/22 09:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/11/22 09:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/11/22 09:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 09:51	1
Styrene	<0.39		1.0	0.39	ug/L			06/11/22 09:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/11/22 09:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/11/22 09:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/11/22 09:51	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/11/22 09:51	1
Toluene	<0.15		0.50	0.15	ug/L			06/11/22 09:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/11/22 09:51	1

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

Lab Sample ID: MB 500-660821/7
Matrix: Water
Analysis Batch: 660821

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/11/22 09:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/11/22 09:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/11/22 09:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/11/22 09:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/11/22 09:51	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/11/22 09:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/11/22 09:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/11/22 09:51	1
1,2,4-Trimethylbenzene	0.750	J	1.0	0.36	ug/L			06/11/22 09:51	1
1,3,5-Trimethylbenzene	0.783	J	1.0	0.25	ug/L			06/11/22 09:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/11/22 09:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/11/22 09:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/11/22 09:51	1
Acetone	<1.7		10	1.7	ug/L			06/11/22 09:51	1
Tetrahydrofuran	4.82	J	10	1.9	ug/L			06/11/22 09:51	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/11/22 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*06/11/22 09:51*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*06/11/22 09:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*06/11/22 09:51*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*06/11/22 09:51*	*1*

Lab Sample ID: LCS 500-660821/5
Matrix: Water
Analysis Batch: 660821

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	42.9		ug/L		86	70 - 120
Bromobenzene	50.0	44.6		ug/L		89	70 - 122
Bromochloromethane	50.0	42.1		ug/L		84	65 - 122
Bromodichloromethane	50.0	43.6		ug/L		87	69 - 120
Bromoform	50.0	41.9		ug/L		84	56 - 132
Bromomethane	50.0	44.6		ug/L		89	40 - 152
Carbon tetrachloride	50.0	44.0		ug/L		88	59 - 133
Chlorobenzene	50.0	44.1		ug/L		88	70 - 120
Chloroethane	50.0	43.8		ug/L		88	48 - 136
Chloroform	50.0	41.9		ug/L		84	70 - 120
Chloromethane	50.0	47.9		ug/L		96	56 - 152
2-Chlorotoluene	50.0	45.3		ug/L		91	70 - 125
4-Chlorotoluene	50.0	46.8		ug/L		94	68 - 124
cis-1,2-Dichloroethene	50.0	42.9		ug/L		86	70 - 125
cis-1,3-Dichloropropene	50.0	40.2		ug/L		80	64 - 127
Dibromochloromethane	50.0	44.6		ug/L		89	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	39.2		ug/L		78	56 - 123
1,2-Dibromoethane	50.0	40.0		ug/L		80	70 - 125
Dibromomethane	50.0	41.3		ug/L		83	70 - 120
1,2-Dichlorobenzene	50.0	44.2		ug/L		88	70 - 125

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

Lab Sample ID: LCS 500-660821/5
Matrix: Water
Analysis Batch: 660821

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	44.9		ug/L		90	70 - 125
1,4-Dichlorobenzene	50.0	43.0		ug/L		86	70 - 120
Dichlorodifluoromethane	50.0	44.2		ug/L		88	40 - 159
1,1-Dichloroethane	50.0	43.2		ug/L		86	70 - 125
1,2-Dichloroethane	50.0	43.3		ug/L		87	68 - 127
1,1-Dichloroethene	50.0	43.6		ug/L		87	67 - 122
1,2-Dichloropropane	50.0	42.8		ug/L		86	67 - 130
1,3-Dichloropropane	50.0	43.5		ug/L		87	62 - 136
2,2-Dichloropropane	50.0	44.7		ug/L		89	58 - 139
1,1-Dichloropropene	50.0	46.0		ug/L		92	70 - 121
Ethylbenzene	50.0	46.6		ug/L		93	70 - 123
Hexachlorobutadiene	50.0	42.7		ug/L		85	51 - 150
Isopropylbenzene	50.0	42.0		ug/L		84	70 - 126
Methylene Chloride	50.0	41.3		ug/L		83	69 - 125
Methyl tert-butyl ether	50.0	38.3		ug/L		77	55 - 123
Naphthalene	50.0	37.6		ug/L		75	53 - 144
n-Butylbenzene	50.0	42.5		ug/L		85	68 - 125
N-Propylbenzene	50.0	42.1		ug/L		84	69 - 127
p-Isopropyltoluene	50.0	42.9		ug/L		86	70 - 125
sec-Butylbenzene	50.0	42.4		ug/L		85	70 - 123
Styrene	50.0	41.2		ug/L		82	70 - 120
tert-Butylbenzene	50.0	42.0		ug/L		84	70 - 121
1,1,1,2-Tetrachloroethane	50.0	44.6		ug/L		89	70 - 125
1,1,2,2-Tetrachloroethane	50.0	42.1		ug/L		84	62 - 140
Tetrachloroethene	50.0	45.1		ug/L		90	70 - 128
Toluene	50.0	46.1		ug/L		92	70 - 125
trans-1,2-Dichloroethene	50.0	43.5		ug/L		87	70 - 125
trans-1,3-Dichloropropene	50.0	39.4		ug/L		79	62 - 128
1,2,3-Trichlorobenzene	50.0	43.0		ug/L		86	51 - 145
1,2,4-Trichlorobenzene	50.0	44.2		ug/L		88	57 - 137
1,1,1-Trichloroethane	50.0	43.3		ug/L		87	70 - 125
1,1,2-Trichloroethane	50.0	43.9		ug/L		88	71 - 130
Trichloroethene	50.0	46.2		ug/L		92	70 - 125
Trichlorofluoromethane	50.0	42.8		ug/L		86	55 - 128
1,2,3-Trichloropropane	50.0	39.0		ug/L		78	50 - 133
1,2,4-Trimethylbenzene	50.0	41.9		ug/L		84	70 - 123
1,3,5-Trimethylbenzene	50.0	41.9		ug/L		84	70 - 123
Vinyl chloride	50.0	43.7		ug/L		87	64 - 126
Xylenes, Total	100	86.2		ug/L		86	70 - 125
Carbon disulfide	50.0	42.6		ug/L		85	66 - 120
Acetone	50.0	34.6		ug/L		69	40 - 143
Tetrahydrofuran	100	72.4		ug/L		72	59 - 139
2-Butanone (MEK)	50.0	34.0		ug/L		68	46 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*

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

Lab Sample ID: LCS 500-660821/5
Matrix: Water
Analysis Batch: 660821

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-660908/7
Matrix: Water
Analysis Batch: 660908

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			06/13/22 13:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/13/22 13:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/13/22 13:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/13/22 13:20	1
Bromoform	<0.48		1.0	0.48	ug/L			06/13/22 13:20	1
Bromomethane	<0.80		3.0	0.80	ug/L			06/13/22 13:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/13/22 13:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/13/22 13:20	1
Chloroform	<0.37		2.0	0.37	ug/L			06/13/22 13:20	1
Chloromethane	<0.32		1.0	0.32	ug/L			06/13/22 13:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/13/22 13:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/13/22 13:20	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			06/13/22 13:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/13/22 13:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/13/22 13:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/13/22 13:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
Dibromomethane	<0.27		1.0	0.27	ug/L			06/13/22 13:20	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/13/22 13:20	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/13/22 13:20	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/13/22 13:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/13/22 13:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/13/22 13:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/13/22 13:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/13/22 13:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/13/22 13:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/13/22 13:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/13/22 13:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/13/22 13:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/13/22 13:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/13/22 13:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/13/22 13:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/13/22 13:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/13/22 13:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/13/22 13:20	1

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

Lab Sample ID: MB 500-660908/7
Matrix: Water
Analysis Batch: 660908

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			06/13/22 13:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/13/22 13:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/13/22 13:20	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/13/22 13:20	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/13/22 13:20	1
Toluene	<0.15		0.50	0.15	ug/L			06/13/22 13:20	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			06/13/22 13:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/13/22 13:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/13/22 13:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/13/22 13:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/13/22 13:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/13/22 13:20	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/13/22 13:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/13/22 13:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/13/22 13:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/13/22 13:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/13/22 13:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/13/22 13:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/13/22 13:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/13/22 13:20	1
Acetone	<1.7		10	1.7	ug/L			06/13/22 13:20	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/13/22 13:20	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			06/13/22 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*06/13/22 13:20*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*06/13/22 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*06/13/22 13:20*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*06/13/22 13:20*	*1*

Lab Sample ID: LCS 500-660908/5
Matrix: Water
Analysis Batch: 660908

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	49.9		ug/L		100	70 - 120
Bromobenzene	50.0	53.7		ug/L		107	70 - 122
Bromochloromethane	50.0	49.0		ug/L		98	65 - 122
Bromodichloromethane	50.0	50.0		ug/L		100	69 - 120
Bromoform	50.0	51.8		ug/L		104	56 - 132
Bromomethane	50.0	73.1		ug/L		146	40 - 152
Carbon tetrachloride	50.0	49.2		ug/L		98	59 - 133
Chlorobenzene	50.0	49.2		ug/L		98	70 - 120
Chloroethane	50.0	59.9		ug/L		120	48 - 136
Chloroform	50.0	46.9		ug/L		94	70 - 120
Chloromethane	50.0	49.8		ug/L		100	56 - 152
2-Chlorotoluene	50.0	54.6		ug/L		109	70 - 125
4-Chlorotoluene	50.0	55.2		ug/L		110	68 - 124

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

Lab Sample ID: LCS 500-660908/5
Matrix: Water
Analysis Batch: 660908

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	50.0	49.4		ug/L		99	70 - 125
cis-1,3-Dichloropropene	50.0	51.1		ug/L		102	64 - 127
Dibromochloromethane	50.0	48.8		ug/L		98	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/L		97	56 - 123
1,2-Dibromoethane	50.0	49.6		ug/L		99	70 - 125
Dibromomethane	50.0	49.1		ug/L		98	70 - 120
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
1,3-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
1,4-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 120
Dichlorodifluoromethane	50.0	46.8		ug/L		94	40 - 159
1,1-Dichloroethane	50.0	52.9		ug/L		106	70 - 125
1,2-Dichloroethane	50.0	49.7		ug/L		99	68 - 127
1,1-Dichloroethene	50.0	47.6		ug/L		95	67 - 122
1,2-Dichloropropane	50.0	55.5		ug/L		111	67 - 130
1,3-Dichloropropane	50.0	51.7		ug/L		103	62 - 136
2,2-Dichloropropane	50.0	48.9		ug/L		98	58 - 139
1,1-Dichloropropene	50.0	48.7		ug/L		97	70 - 121
Ethylbenzene	50.0	49.8		ug/L		100	70 - 123
Hexachlorobutadiene	50.0	47.3		ug/L		95	51 - 150
Isopropylbenzene	50.0	53.6		ug/L		107	70 - 126
Methylene Chloride	50.0	49.2		ug/L		98	69 - 125
Methyl tert-butyl ether	50.0	50.6		ug/L		101	55 - 123
Naphthalene	50.0	42.7		ug/L		85	53 - 144
n-Butylbenzene	50.0	52.1		ug/L		104	68 - 125
N-Propylbenzene	50.0	55.2		ug/L		110	69 - 127
p-Isopropyltoluene	50.0	53.9		ug/L		108	70 - 125
sec-Butylbenzene	50.0	53.2		ug/L		106	70 - 123
Styrene	50.0	53.5		ug/L		107	70 - 120
tert-Butylbenzene	50.0	54.2		ug/L		108	70 - 121
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/L		97	70 - 125
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L		110	62 - 140
Tetrachloroethene	50.0	46.9		ug/L		94	70 - 128
Toluene	50.0	51.3		ug/L		103	70 - 125
trans-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 125
trans-1,3-Dichloropropene	50.0	51.7		ug/L		103	62 - 128
1,2,3-Trichlorobenzene	50.0	43.6		ug/L		87	51 - 145
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	57 - 137
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 125
1,1,2-Trichloroethane	50.0	49.0		ug/L		98	71 - 130
Trichloroethene	50.0	49.7		ug/L		99	70 - 125
Trichlorofluoromethane	50.0	49.7		ug/L		99	55 - 128
1,2,3-Trichloropropane	50.0	55.0		ug/L		110	50 - 133
1,2,4-Trimethylbenzene	50.0	55.6		ug/L		111	70 - 123
1,3,5-Trimethylbenzene	50.0	55.1		ug/L		110	70 - 123
Vinyl chloride	50.0	52.9		ug/L		106	64 - 126
Xylenes, Total	100	104		ug/L		104	70 - 125
Carbon disulfide	50.0	49.2		ug/L		98	66 - 120
Acetone	50.0	45.1		ug/L		90	40 - 143
Tetrahydrofuran	100	96.1		ug/L		96	59 - 139

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

Lab Sample ID: LCS 500-660908/5
Matrix: Water
Analysis Batch: 660908

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Butanone (MEK)			50.0	51.8		ug/L		104	46 - 144		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
Toluene-d8 (Surr)	*93*		*75 - 120*

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 7872 Deer Run Road
Date Collected: 05/23/22 16:11
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20788	06/02/22 16:23	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/23/22 16:11	JVB	TAL CHI

Client Sample ID: 7877 Deer Run Road
Date Collected: 05/23/22 16:29
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20788	06/02/22 16:46	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/23/22 16:29	JVB	TAL CHI

Client Sample ID: 7911 Deer Run Road
Date Collected: 05/23/22 16:51
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20788	06/02/22 17:09	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/23/22 16:51	JVB	TAL CHI

Client Sample ID: 7750 USH 14
Date Collected: 05/24/22 14:32
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20905	06/03/22 16:57	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/24/22 14:32	JVB	TAL CHI

Client Sample ID: 7734 USH 14
Date Collected: 05/24/22 14:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20905	06/03/22 17:20	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/24/22 14:55	JVB	TAL CHI

Client Sample ID: 4306 Fawn Court
Date Collected: 05/24/22 15:22
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20905	06/03/22 17:43	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/24/22 15:22	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: 4318 Fawn Court
Date Collected: 05/24/22 15:38
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20905	06/03/22 18:06	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/24/22 15:38	JVB	TAL CHI

Client Sample ID: 4610 Rocky Dell Road
Date Collected: 05/24/22 16:00
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20905	06/03/22 18:29	DC	EA SB
Total/NA	Analysis	Field Sampling		1	661013	05/24/22 16:00	JVB	TAL CHI

Client Sample ID: P-32S
Date Collected: 05/24/22 16:57
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659829	06/05/22 04:04	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/24/22 16:57	JVB	TAL CHI

Client Sample ID: P-24E
Date Collected: 05/25/22 09:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 16:57	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 09:30	JVB	TAL CHI

Client Sample ID: P-24D
Date Collected: 05/25/22 10:15
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 17:21	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 10:15	JVB	TAL CHI

Client Sample ID: P-8S
Date Collected: 05/25/22 11:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 17:44	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 11:10	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-8D
Date Collected: 05/25/22 11:37
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 18:07	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 11:37	JVB	TAL CHI

Client Sample ID: P-9S
Date Collected: 05/25/22 12:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 18:30	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 12:55	JVB	TAL CHI

Client Sample ID: P-9D
Date Collected: 05/25/22 13:20
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 18:53	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 13:20	JVB	TAL CHI

Client Sample ID: P-8BR
Date Collected: 05/25/22 13:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 19:16	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 13:40	JVB	TAL CHI

Client Sample ID: P-21BR
Date Collected: 05/25/22 15:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 19:38	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 15:52	JVB	TAL CHI

Client Sample ID: P-21S
Date Collected: 05/25/22 15:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659865	06/06/22 20:01	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 15:30	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-21D
Date Collected: 05/25/22 15:56
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 17:24	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/25/22 15:56	JVB	TAL CHI

Client Sample ID: P-16D
Date Collected: 05/26/22 07:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 17:47	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 07:40	JVB	TAL CHI

Client Sample ID: P-32D
Date Collected: 05/26/22 07:45
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 18:10	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 07:45	JVB	TAL CHI

Client Sample ID: P-16S
Date Collected: 05/26/22 08:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 18:33	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 08:10	JVB	TAL CHI

Client Sample ID: P-18S
Date Collected: 05/26/22 08:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 18:56	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 08:52	JVB	TAL CHI

Client Sample ID: P-17S
Date Collected: 05/26/22 09:46
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 19:19	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 09:46	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-34S
Date Collected: 05/26/22 11:25
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 19:42	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 11:25	JVB	TAL CHI

Client Sample ID: P-34D
Date Collected: 05/26/22 11:28
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 20:05	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 11:28	JVB	TAL CHI

Client Sample ID: P-35D
Date Collected: 05/26/22 14:06
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-27
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660109	06/07/22 20:28	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 14:06	JVB	TAL CHI

Client Sample ID: P-35S
Date Collected: 05/26/22 14:06
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 16:16	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 14:06	JVB	TAL CHI

Client Sample ID: P-27D
Date Collected: 05/26/22 15:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-29
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660525	06/09/22 14:34	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 15:05	JVB	TAL CHI

Client Sample ID: P-27S
Date Collected: 05/26/22 15:30
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660525	06/09/22 14:57	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 15:30	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-26S
Date Collected: 05/26/22 17:08
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 17:37	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 17:08	JVB	TAL CHI

Client Sample ID: P-28S
Date Collected: 05/26/22 17:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 18:04	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 17:55	JVB	TAL CHI

Client Sample ID: P-43S
Date Collected: 05/27/22 07:45
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 18:31	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 07:45	JVB	TAL CHI

Client Sample ID: P-43I
Date Collected: 05/27/22 08:10
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-34
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 18:58	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 08:10	JVB	TAL CHI

Client Sample ID: P-43D
Date Collected: 05/27/22 08:59
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-35
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 19:24	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 08:59	JVB	TAL CHI

Client Sample ID: P-22D
Date Collected: 05/27/22 09:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-36
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 19:51	PMF	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 09:50	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-22E
Date Collected: 05/27/22 10:22
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-37
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 16:44	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 10:22	JVB	TAL CHI

Client Sample ID: P-22S
Date Collected: 05/27/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-38
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 17:58	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 10:40	JVB	TAL CHI

Client Sample ID: P-25S
Date Collected: 05/27/22 11:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-39
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 18:22	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 11:55	JVB	TAL CHI

Client Sample ID: P-25BR
Date Collected: 05/27/22 11:55
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-40
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 18:46	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 11:55	JVB	TAL CHI

Client Sample ID: P-25D
Date Collected: 05/27/22 12:20
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-41
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 19:10	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 12:20	JVB	TAL CHI

Client Sample ID: P-40D
Date Collected: 05/27/22 13:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-42
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 19:37	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 13:50	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-40I
Date Collected: 05/27/22 13:51
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-43
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 20:01	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 13:51	JVB	TAL CHI

Client Sample ID: P-31S
Date Collected: 05/27/22 15:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-44
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 20:25	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 15:05	JVB	TAL CHI

Client Sample ID: P-31B
Date Collected: 05/27/22 15:15
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 20:49	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 15:15	JVB	TAL CHI

Client Sample ID: P-31D
Date Collected: 05/27/22 15:48
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-46
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 21:13	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 15:48	JVB	TAL CHI

Client Sample ID: P-31IA
Date Collected: 05/27/22 16:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-47
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 21:38	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 16:05	JVB	TAL CHI

Client Sample ID: P-30D
Date Collected: 05/27/22 16:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-48
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 22:02	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 16:52	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-30I
Date Collected: 05/27/22 16:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-49
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 22:51	W1T	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/27/22 16:52	JVB	TAL CHI

Client Sample ID: P-33S
Date Collected: 05/31/22 08:52
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-50
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660821	06/11/22 11:39	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/31/22 08:52	JVB	TAL CHI

Client Sample ID: P-33D
Date Collected: 05/31/22 09:05
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-51
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660821	06/11/22 12:05	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/31/22 09:05	JVB	TAL CHI

Client Sample ID: P-20SR
Date Collected: 05/31/22 09:50
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-52
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660821	06/11/22 12:32	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/31/22 09:50	JVB	TAL CHI

Client Sample ID: P-23D
Date Collected: 05/31/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-53
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660821	06/11/22 12:59	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/31/22 10:40	JVB	TAL CHI

Client Sample ID: P-23S
Date Collected: 05/31/22 10:40
Date Received: 06/02/22 10:00

Lab Sample ID: 500-217392-54
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660821	06/11/22 13:26	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/31/22 10:40	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Refuse Hideaway Landfill

Job ID: 500-217392-1

Client Sample ID: P-41D
Lab Sample ID: 500-217392-55
Date Collected: 05/31/22 11:40
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660821	06/11/22 13:52	PSP	TAL CHI
Total/NA	Analysis	Field Sampling		1	661013	05/31/22 11:40	JVB	TAL CHI

Client Sample ID: Trip Blank
Lab Sample ID: 500-217392-56
Date Collected: 05/23/22 06:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659829	06/04/22 23:51	PSP	TAL CHI

Client Sample ID: Trip Blank 2
Lab Sample ID: 500-217392-57
Date Collected: 05/23/22 06:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	659829	06/05/22 00:13	PSP	TAL CHI

Client Sample ID: FD-1
Lab Sample ID: 500-217392-58
Date Collected: 05/25/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660241	06/08/22 12:40	PMF	TAL CHI

Client Sample ID: FD-2
Lab Sample ID: 500-217392-59
Date Collected: 05/26/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660525	06/09/22 15:20	PSP	TAL CHI

Client Sample ID: FD-3
Lab Sample ID: 500-217392-60
Date Collected: 05/27/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660528	06/09/22 23:15	W1T	TAL CHI

Client Sample ID: EB-1
Lab Sample ID: 500-217392-61
Date Collected: 05/31/22 11:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	660908	06/13/22 13:44	W1T	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Client Sample ID: Trip Blank 524.2
Lab Sample ID: 500-217392-62
Date Collected: 05/24/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	20828	06/03/22 03:58	DC	EA SB

Client Sample ID: P-29
Lab Sample ID: 500-217392-63
Date Collected: 05/26/22 00:00
Matrix: Water
Date Received: 06/02/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	661013	05/26/22 00:00	JVB	TAL CHI

Laboratory References:

EA SB = Eurofins Eaton South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

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

Accreditation/Certification Summary

Client: Cedar Corporation
Job ID: 500-217392-1
Project/Site: Refuse Hideaway Landfill

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-22

Laboratory: Eurofins Eaton South Bend

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999766900	08-31-22

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Quin Lenz Ashley Wagner	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923 1
Client Contact: Quin Lenz	Phone: 920-491-9081	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page: Page 1 of 6
Company: Cedar Corporation	PWSID:			Job #: 500-217392

Address: 1695 Bellevue Street	Due Date Requested: Standard	Analysis Requested	Preservation Codes
City: Green Bay	TAT Requested (days): Standard		A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)
State Zip: WI 54311	Compliance Project: Δ Yes Δ No		
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required		Other:
Email: quin lenz@cedarcorp com	WO #: 500-217392 COC		
Project Name: Refuse Hideaway Landfill	Project #: 50020134		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note
			Preservation Code:				A	A		
1 7872 Deer Run Road	5/23/22	16 11	G	Water	N	N		X		
2 7877 Deer Run Road	5/23/22	16 29	G	Water	N	N		X		
3 7911 Deer Run Road	5/23/22	16 51	G	Water	N	N		X		
4 7750 USH 14	5/24/22	14 32	G	Water	N	N		X		
5 7734 USH 14	5/24/22	14 55	G	Water	N	N		X		
6 4306 Fawn Court	5/24/22	15 22	G	Water	N	N		X		
7 4318 Fawn Court	5/24/22	15 38	G	Water	N	N		X		
8 4610 Rocky Dell Road	5/24/22	16 00	G	Water	N	N		X		
9 P-32S	5/24/22	16 57	G	Water	N	N	X			
10 P-24E	5/25/22	9 30	G	Water	N	N	X			
11 P-24D	5/25/22	10 15	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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:	Date/Time:	Company	Received by:	Date/Time:	Company
	6/1/22 1200	Cedar		6/2/22 1000	EETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.8 → 2.5 → 1.5

6/17/2022

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Quin Lenz, Ashley Wagner	Lab PM: Fredrick, Sandie	Carrier Tracking No(s)	COC No: 500-100940-43923 2
Client Contact: Quin Lenz	Phone: 920-491-9081	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page: Page 2 of 6
Company: Cedar Corporation	PWSID			Job #: 500-217392
Address: 1695 Bellevue Street	Due Date Requested: Standard			
City: Green Bay	TAT Requested (days): Standard			
State, Zip: WI 54311	Compliance Project: Δ Yes Δ No			
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required			
Email: quin lenz@cedarcorp com	WO #			
Project Name: Refuse Hideaway Landfill	Project #: 50020134			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524 2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note
				Preservation Code:				A	A		
12	P-8S	5/25/22	11 10	G	Water	N	N	X			
13	P-8D	5/25/22	11 37	G	Water	N	N	X			
14	P-9S	5/25/22	12 55	G	Water	N	N	X			
15	P-9D	5/25/22	13 20	G	Water	N	N	X			
16	P-8BR	5/25/22	13 40	G	Water	N	N	X			
17	P-21BR	5/25/22	15 52	G	Water	N	N	X			
18	P-21S	5/25/22	15 30	G	Water	N	N	X			
19	P-21D	5/25/22	15 56	G	Water	N	N	X			
20	P-16D	5/26/22	7 40	G	Water	N	N	X			
21	P-32D	5/26/22	7 45	G	Water	N	N	X			
22	P-16S	5/26/22	8 10	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	6/1/22 1200	Cedar	[signature]	6/2/22 1000	EEA
2						
3						

Custody Seals Intact.	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
Δ Yes Δ No		

6/17/2022

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Quin Lenz Ashley Wagner	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923 3
Client Contact: Quin Lenz	Phone: 920-491-9081	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin:	Page: Page 3 of 6
Company: Cedar Corporation	PWSID:	Analysis Requested		Job #: 500-217392
Address: 1695 Bellevue Street	Due Date Requested: Standard			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify); Other:
City: Green Bay	TAT Requested (days): Standard			
State Zip: WI 54311	Compliance Project: Δ Yes Δ No			
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required			
Email: quin lenz@cedarcorp com	WO #:			
Project Name: Refuse Hideaway Landfill	Project #: 50020134			
Site:	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note
				Preservation Code:				A	A		
23	P-18S	5/26/22	8 52	G	Water	N	N	X			
24	P-17S	5/26/22	9 46	G	Water	N	N	X			
25	P-34S	5/26/22	11 25	G	Water	N	N	X			
26	P-34D	5/26/22	11 28	G	Water	N	N	X			
27	P-35D	5/26/22	14 06	G	Water	N	N	X			
28	P-35S	5/26/22	14 06	G	Water	N	N	X			
29	P-27D	5/26/22	15 05	G	Water	N	N	X			
30	P-27S	5/26/22	15 30	G	Water	N	N	X			
31	P-26S	5/26/22	17 08	G	Water	N	N	X			
32	P-28S	5/26/22	17 55	G	Water	N	N	X			
33	P-43S	5/27/22	7 45	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	6/1/22 12:00	Cedar	[signature]	6/2/22 1000	EEPA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks:

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler	Lab PM: Fredrick, Sandie	Carrier Tracking No(s)	COC No: 500-100940-43923 4
Client Contact: Quin Lenz	Phone	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page: Page 4 of 6
Company: Cedar Corporation	PWSID			Job #: 500-217392

Address: 1695 Bellevue Street	Due Date Requested: Standard
City: Green Bay	TAT Requested (days): Standard
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required
Email: quin lenz@cedarcorp com	WO #:
Project Name: Refuse Hideaway Landfill	Project #: 50020134
Site:	SSOW#:

Analysis Requested

Preservation Codes

A HCL	M Hexane
B NaOH	N None
C - Zn Acetate	O AsNaO2
D - Nitric Acid	P Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I Ice	U Acetone
J DI Water	V MCAA
K EDTA	W pH 4-5
L EDA	Z other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A-Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524 2	Total Number of containers	Special Instructions/Note
				Preservation Code:				A	A		
34	P-43I	5/27/22	8 10	G	Water	N	N	X			
35	P-43D	5/27/22	8 59	G	Water	N	N	X			
36	P-22D	5/27/22	9 50	G	Water	N	N	X			
37	P-22E	5/27/22	10 22	G	Water	N	N	X			
38	P-22S	5/27/22	10 40	G	Water	N	N	X			Little to no recharge only able to collect 1 vial
39	P-25S	5/27/22	11 55	G	Water	N	N	X			
40	P-25BR	5/27/22	11 55	G	Water	N	N	X			
41	P-25D	5/27/22	12 20	G	Water	N	N	X			
42	P-40D	5/27/22	13 50	G	Water	N	N	X			
43	P-40I	5/27/22	13 51	G	Water	N	N	X			
44	P-31S	5/27/22	15 05	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by:	6/1/22 12:00	Cedar		6/2/22 1000	
	Relinquished by	Date/Time	Company	Received by	Date/Time:	Company
	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks.

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler	Lab PM: Fredrick, Sandie	Carrier Tracking No(s)	COC No 500-100940-43923 5
Client Contact. Quin Lenz	Phone	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin	Page Page 5 of 6
Company: Cedar Corporation	PWSID			Job #: 500-217392

Address	Due Date Requested	Analysis Requested	Preservation Codes
1695 Bellevue Street	Standard		A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)
City: Green Bay	TAT Requested (days) Standard		
State Zip WI 54311	Compliance Project. Δ Yes Δ No		
Phone 920-491-9081(Tel)	PO #: Purchase Order not required		
Email quin lenz@cedarcorp com	WO #:		
Project Name Refuse Hideaway Landfill	Project # 50020134		
Site.	SSOW#		Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note
				Preservation Code:				A	A		
45	P-31B	5/27/22	15 15	G	Water	N	N	X			
46	P-31D	5/27/22	15 48	G	Water	N	N	X			
47	P-31IA	5/27/22	16 05	G	Water	N	N	X			
48	P-30D	5/27/22	16 52	G	Water	N	N	X			
49	P-30I	5/27/22	16 52	G	Water	N	N	X			
50	P-33S	5/31/22	8 52	G	Water	N	N	X			
51	P-33D	5/31/22	9 05	G	Water	N	N	X			
52	P-20SR	5/31/22	9 50	G	Water	N	N	X			
53	P-23D	5/31/22	10 40	G	Water	N	N	X			
54	P-23S	5/31/22	10 40	G	Water	N	N	X			
55	P-41D	5/31/22	11 40	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	6/1/22 12:00	Cedar	[signature] Scott	6/2/22 1000	ERTA
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks.

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

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler	Lab PM: Fredrick, Sandie	Carrier Tracking No(s)	COC No: 500-100940-43923 6
Client Contact: Quin Lenz	Phone	E-Mail: Sandra Fredrick@et.eurofinsus com	State of Origin	Page: Page 6 of 6
Company: Cedar Corporation	PWSID			Job #: 500-217392

Address: 1695 Bellevue Street	Due Date Requested: Standard	Analysis Requested
City: Green Bay	TAT Requested (days): Standard	
State Zip: WI, 54311	Compliance Project: Δ Yes Δ No	
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required	
Email: quin lenz@cedarcorp com	WO #	
Project Name: Refuse Hideaway Landfill	Project #: 50020134	
Site	SSOW#	

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524 2	Total Number of containers	Special Instructions/Note
				Preservation Code:				A	A		
56	Trip Blank	5/23/22	6 00	G	Water	N	N	X			
57	Trip Blank 2	5/23/22	6 00	G	Water	N	N	X			
58	FD-1	5/25/22		G	Water	N	N	X			
59	FD-2	5/26/22		G	Water	N	N	X			
60	FD-3	5/27/22		G	Water	N	N	X			Only able to collect 2 vials
61	EB-1	5/31/22	11 00	G	Water	N	N	X			
					Water						
					Water						
					Water						
					Water						
					Water						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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:	Date/Time: 6/1/22 12:00	Company: Cedar	Received by:	Date/Time: 6/2/22 1000	Company: EAT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks.

Quin Lentz with Cedar Corporation opened Cooler @ 1.30pm to send Private well Samples to Eaton to meet Hold times, see email with Sandie Fredrick on 6/1/22.

1:30pm 6/1/22

ORIGIN ID:RRLA (262) 202-5955
SAMPLE RECEIPT
EUROFINS
2417 BOND ST.

UNIVERSITY PARK, IL 60484
UNITED STATES US

SHIP DATE: 03MAY22
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3511

TO SAMPLE RECEIVING

2417 BOND STREET

UNIVERSITY PARK IL 60484

500-217392 Waybi

(708) 534-5200
INV:
PO
REF
DEPT

RMA

FedEx Express

FedEx
TRK# 0221 5776 0597 5955

THU - 02 JUN 10:30AM
PRIORITY OVERNIGHT

NA JOTA

60484
IL-US ORD

#4301454 06/01 577J2/274F/FE4A

ORIGIN ID:RRLA (262) 202-5955
SAMPLE RECEIPT
EUROFINS
2417 BOND ST.

UNIVERSITY PARK, IL 60484
UNITED STATES US

SHIP DATE: 03MAY22
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3511

TO SAMPLE RECEIVING
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484

(708) 534-5200
INV
PO
REF
DEPT

FedEx
TRK# 0221 5776 0597 6079

THU - 02 JUN 10:30A
PRIORITY OVERNIGHT

NA JOTA

60484
IL-US ORD

#4301454 06/01 577J2/274F/FE4A

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

500-217392 Chain of Custody

eurofins | Environment Testing America

Client Information	Sampler: Quin Lenz, Ashley Wagner	Lab PM: Fredrick, Sandie	COC No: 500-100940-43923.1
Client Contact: Quin Lenz	Phone: 920-491-9081	E-Mail: Sandra.Fredrick@et.eurofinsus.com	Page: Page 1 of 6
Company: Cedar Corporation	PWSID:		Job #:

Address: 1695 Bellevue Street	Due Date Requested: Standard
City: Green Bay	TAT Requested (days): Standard
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required
Email: quin.lenz@cedarcorp.com	WO #:
Project Name: Refuse Hideaway Landfill	Project #: 50020134
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
7872 Deer Run Road	5/23/22	16:11	G	Water	N	N		X		Only received 524.2 samples in SBN ~~6732~~
7877 Deer Run Road	5/23/22	16:29	G	Water	N	N		X		
7911 Deer Run Road	5/23/22	16:51	G	Water	N	N		X		
7750 USH 14	5/24/22	14:32	G	Water	N	N		X		
7734 USH 14	5/24/22	14:55	G	Water	N	N		X		
4306 Fawn Court	5/24/22	15:22	G	Water	N	N		X		
4318 Fawn Court	5/24/22	15:38	G	Water	N	N		X		
4610 Rocky Dell Road	5/24/22	16:00	G	Water	N	N		X		+ LTB (1)
P-32S	5/24/22	16:57	G	Water	N	N	X			
P-24E	5/25/22	9:30	G	Water	N	N	X			
P-24D	5/25/22	10:15	G	Water	N	N	X			

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *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:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/1/22 12:00	Cedar	[signature]	6.2.22 0745	EEA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2°C

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Quin Lenz, Ashley Wagner	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923.2
Client Contact: Quin Lenz	Phone: 920-491-9081	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 2 of 6
Company: Cedar Corporation	PWSID:	Analysis Requested		Job #:
Address: 1695 Bellevue Street	Due Date Requested: Standard			Preservation Codes:
City: Green Bay	TAT Requested (days): Standard			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No			
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required			Other:
Email: quin.lenz@cedarcorp.com	WO #:			
Project Name: Refuse Hideaway Landfill	Project #: 50020134			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
P-8S	5/25/22	11:10	G	Water	N	N	X			
P-8D	5/25/22	11:37	G	Water	N	N	X			
P-9S	5/25/22	12:55	G	Water	N	N	X			
P-9D	5/25/22	13:20	G	Water	N	N	X			
P-8BR	5/25/22	13:40	G	Water	N	N	X			
P-21BR	5/25/22	15:52	G	Water	N	N	X			
P-21S	5/25/22	15:30	G	Water	N	N	X			
P-21D	5/25/22	15:56	G	Water	N	N	X			
P-16D	5/26/22	7:40	G	Water	N	N	X			
P-32D	5/26/22	7:45	G	Water	N	N	X			
P-16S	5/26/22	8:10	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/1/22 12:00	Cedar	[signature]	6.2.22 0745	EEA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2°C

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Quin Lenz, Ashley Wagner	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923.3
Client Contact: Quin Lenz	Phone: 920-491-9081	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 3 of 6
Company: Cedar Corporation	PWSID:			Job #:

Address: 1695 Bellevue Street	Due Date Requested: Standard
City: Green Bay	TAT Requested (days): Standard
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required
Email: quin.lenz@cedarcorp.com	WO #:
Project Name: Refuse Hideaway Landfill	Project #: 50020134
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
P-18S	5/26/22	8:52	G	Water	N	N	X			
P-17S	5/26/22	9:46	G	Water	N	N	X			
P-34S	5/26/22	11:25	G	Water	N	N	X			
P-34D	5/26/22	11:28	G	Water	N	N	X			
P-35D	5/26/22	14:06	G	Water	N	N	X			
P-35S	5/26/22	14:06	G	Water	N	N	X			
P-27D	5/26/22	15:05	G	Water	N	N	X			
P-27S	5/26/22	15:30	G	Water	N	N	X			
P-26S	5/26/22	17:08	G	Water	N	N	X			
P-28S	5/26/22	17:55	G	Water	N	N	X			
P-43S	5/27/22	7:45	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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:	Date/Time: 6/1/22 12:00	Company: Cedar	Received by:	Date/Time: 6-2-22 0745	Company: EEA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2°C

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923.4
Client Contact: Quin Lenz	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 4 of 6
Company: Cedar Corporation	PWSID:			Job #:

Address: 1695 Bellevue Street	Due Date Requested: Standard
City: Green Bay	TAT Requested (days): Standard
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required
Email: quin.lenz@cedarcorp.com	WO #:
Project Name: Refuse Hideaway Landfill	Project #: 50020134
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
P-43I	5/27/22	8:10	G	Water	N	N	X			
P-43D	5/27/22	8:59	G	Water	N	N	X			
P-22D	5/27/22	9:50	G	Water	N	N	X			
P-22E	5/27/22	10:22	G	Water	N	N	X			
P-22S	5/27/22	10:40	G	Water	N	N	X			Little to no recharge, only able to collect 1 vial.
P-25S	5/27/22	11:55	G	Water	N	N	X			
P-25BR	5/27/22	11:55	G	Water	N	N	X			
P-25D	5/27/22	12:20	G	Water	N	N	X			
P-40D	5/27/22	13:50	G	Water	N	N	X			
P-40I	5/27/22	13:51	G	Water	N	N	X			
P-31S	5/27/22	15:05	G	Water	N	N	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ 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:	Date/Time: 6/1/22 1200	Company: Cedar	Received by:	Date/Time: 6.2.22 0745	Company: EEA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2°C

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923.5
Client Contact: Quin Lenz	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 5 of 6
Company: Cedar Corporation	PWSID:			Job #:

Address: 1695 Bellevue Street	Due Date Requested: Standard
City: Green Bay	TAT Requested (days): Standard
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required
Email: quin.lenz@cedarcorp.com	WO #:
Project Name: Refuse Hideaway Landfill	Project #: 50020134
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
P-31B	5/27/22	15:15	G	Water	N	N	X			
P-31D	5/27/22	15:48	G	Water	N	N	X			
P-31IA	**5/27/22**	**16:05**	**G**	**Water**	**N**	**N**	**X**			
P-30D	5/27/22	16:52	G	Water	N	N	X			
P-30I	5/27/22	16:52	G	Water	N	N	X			
P-33S	**5/31/22**	**8:52**	**G**	**Water**	**N**	**N**	**X**			
P-33D	5/31/22	9:05	G	Water	N	N	X			
P-20SR	5/31/22	9:50	G	Water	N	N	X			
P-23D	5/31/22	10:40	G	Water	N	N	X			
P-23S	5/31/22	10:40	G	Water	N	N	X			
P-41D	5/31/22	11:40	G	Water	N	N	X			

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *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:	Date/Time: 6/1/22 12:00	Company: Cedar	Received by:	Date/Time: 6-2-22 0745	Company: EEA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2°C

2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-100940-43923.6
Client Contact: Quin Lenz	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 6 of 6
Company: Cedar Corporation	PWSID:			Job #:

Address: 1695 Bellevue Street	Due Date Requested: Standard
City: Green Bay	TAT Requested (days): Standard
State, Zip: WI, 54311	Compliance Project: Δ Yes Δ No
Phone: 920-491-9081(Tel)	PO #: Purchase Order not required
Email: quin.lenz@cedarcorp.com	WO #:
Project Name: Refuse Hideaway Landfill	Project #: 50020134
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	524.2_Pres_PREC - VOC 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
Trip Blank	5/23/22	6:00	G	Water	N	N	X			
Trip Blank 2	5/23/22	6:00	G	Water	N	N	X			
FD-1	5/25/22		G	Water	N	N	X			
FD-2	5/26/22		G	Water	N	N	X			
FD-3	5/27/22		G	Water	N	N	X			Only able to collect 2 vials
EB-1	5/31/22	11:00	G	Water	N	N	X			
				Water						
				Water						
				Water						
				Water						
				Water						

Possible Hazard Identification

☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ *Return To Client* ☐ *Disposal By Lab* ☐ *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:	Date/Time: 6/1/22 1200	Company: Cedar	Received by:	Date/Time: 6-2-22 0745	Company: EEA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2°C

6/17/2022

Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-217392-1

Login Number: 217392
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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	2.8,1.5
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.	False	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-217392-1

Login Number: 217392
List Number: 2
Creator: Spurgeon, Sheri

List Source: Eurofins Eaton South Bend
List Creation: 06/02/22 02:28 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/23/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	7872 Deer Run	Sampling Time:	1611	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	5 ~~ml/min~~	7 l/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	~~mS/cm~~ Cond (~~ms/cm~~)	Temp (C)	D.O. (mg/L) %	ORP (mV)	Comments
		----- Before Pumping -----					
1600		7.39	767		95.6	87.2	
1605		7.32	750		93.6	107.1	
		----- Post Sampling -----					

Notes: Run water for 10 minutes

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/23/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	7877 Deer Run	Sampling Time:	1629	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	6.7 ~~ml/min~~ gal/Min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (~~mS/cm~~ uS/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1625		7.47	619		98.7	120.7	
		----- Post Sampling -----					

Notes: Purged for 10 minutes before sampling
- Water tasted funny like ~~fungus~~ Algae

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/23/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):		
Well ID:	7911 Deer Run		Sampling Time:	1651	☑ Autofill Time?
Sample ID:	_19000100		Weather:		
Static Water Level:		ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:	10.5	~~mL/min~~ Sml/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1641		7.54	642		109.3	119.6	
		----- Post Sampling -----					

Notes: Purge 10 minutes prior to collecting sample

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/24/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	7756 USH 14		Sampling Time:	@ 1432	☑ Autofill Time?
Sample ID:	_19000100		Weather:		
Static Water Level:		ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:	6.5	~~mL/min~~ gal/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond ~~(ms/cm)~~ uS/cm	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
@ 1419		7.43	715	13.0	16.3	54.2	
		----- Post Sampling -----					

Notes: - Sampled from north side of House facing plumbing company faucet by well was off

Purged 10 minutes before collecting samples

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/24/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	DL/AW
Well ID:	7734 USH 14	Sampling Time:	1455 ☑ Autofill Time?
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	5 ~~mL/min~~ gal/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (~~mS/cm~~ uS/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1414		7.06	929	12.0	24.5	139.0	
		----- Post Sampling -----					

Notes: Sampled from back of house
Purged 10 minutes prior to Sample collection

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/24/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	4306 Fawn Court	Sampling Time:	1522 ☑ Autofill Time?
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	4 ~~ml/min~~ gal/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (uS ~~mS~~/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1509		7.38	853	13.9	95.2	162.9	
		----- Post Sampling -----					

Notes: purged 10 minutes prior to Sampling

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/24/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	4318 Fawn Court	Sampling Time:	1538 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	0 ~~ml/min~~

Jal/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (~~ms~~ uS/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1520		7.40	968	13.3	100.6	162.9	
		----- Post Sampling -----					

Notes: Purged 10 minutes prior to Sample Collection

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/24/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	4610 Rocky Dell Rd	Sampling Time:	1600
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Caiculated Well Volume:	0 gal	Purge Rate:	4 ~~mL/min~~ gal/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (~~mS~~ uS/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1350		7.39	730	10.7	86.5	168.2	
		----- Post Sampling -----					

Notes: Purged well for 10 minutes prior to collecting samples

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/24/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-32S		Sampling Time:	1657	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	21.04	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1639	21.04	----- Before Pumping -----					
1642	21.04	7.00	1.705	10.5	79.1	192.5	
1645	21.05	7.00	1.708	10.5	79.0	193.2	
1648	21.05	7.00	1.707	10.4	78.9	194.2	
1651	21.05	7.00	1.710	10.4	78.9	194.7	
1654	21.05	7.00	1.718	10.4	78.9	195.3	
		----- Post Sampling -----					

Notes: dedicated peri tubing

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL	
Well ID:	P-24E		Sampling Time:	9:30	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	4.30	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:	1	ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Pressure 120PT/50PT Refill / Diss @ 50/10

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
	24.30	----- Before Pumping -----					
9:04	25.21	6.90	.631	9.4	21.6	-48.0	
9:07	25.48	6.90	0.631	9.4	37.4	-50.1	
9:10	25.76	6.90	0.630	9.4	43.1	-48.7	
9:13	25.98	6.91	0.641	9.4	53.0	-45.2	
9:16	26.31	6.92	0.630	9.4	65.1	-39.4	
9:19	6.69	6.92	0.630	9.4	75.5	-33.1	
9:22	7.13	6.93	0.629	9.4	82.9	-27.0	
9:25	7.24	6.93	0.629	9.4	87.6	-22.6	
9:28	7.62	6.94	0.629	9.5	90.6	-19.8	
		----- Post Sampling -----					

Notes: Dedicated tubing stored

Rental Pump purged 1/2 gallon

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-24D	Sampling Time:	1015 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
9:53	5.33	6.97	703	9.5	34.4	32.6	
954	5.32	6.92	747	9.3	9.6	13.0	
959	5.32	6.91	753	9.4	8.5	4.6	
1002	5.32	6.91	755	9.4	8.0	-0.1	
1005	5.32	6.90	756	9.3	8.1	-4.1	
1008	5.32	6.89	758	9.3	7.8	-6.0	
1011	5.32	6.89	763	9.3	7.3	-8.4	
		----- Post Sampling -----					

Notes:

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	AL/AW	
Well ID:	P-85		Sampling Time:	11:10	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	9.12	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1042	9.12	6.58	1.903	8.8	18.2	113.0	
1048	10.12	6.40	1.914	8.8	4.7	106.2	
1052	10.25	6.37	1.906	8.7	3.9	103.9	
1055	10.25	6.39	1.965	8.8	4.0	102.8	
1057	10.25	6.40	2.025	8.8	4.1	101.4	
11:00	10.25	6.39	2.137	8.9	4.1	99.2	
11:04	10.46	6.37	2.298	8.8	4.0	96.9	
11:08	10.49	6.36	2.420	8.8	3.8	95.2	
		----- Post Sampling -----					

Notes: Peri tubing in well

W

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	P-8D	Sampling Time:	11:37	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	8.75 ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	mL/min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
11:17	8.75	6.58	1.670	10.1	10.0	90.2	
1121	10.13	6.49	1.326	10.2	4.2	88.9	
1124	11.15	6.47	1.323	10.2	3.5	88.9	
1131	13.10	6.46	1.321	10.2	3.1	88.1	
1134	13.94	6.46	1.318	10.3	3.0	87.6	
		----- Post Sampling -----					

Notes: _____

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL
Well ID:	P-9S	Sampling Time:	1255
Sample ID:	_19000100	Weather:	
Static Water Level:	8.34 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1232	8.34	6.40	2.626	9.0	5.8	13.4	
1235	8.55	6.37	2.699	8.9	2.3	5.7	
1238	8.50	6.32	3.387	9.1	0.7	1.4	
1241	8.51	6.31	3.439	9.1	0.7	1.8	
1244	8.52	6.29	3.783	9.0	0.2	1.8	
1247	8.54	6.29	3.856	8.9	-0.1	2.1	
1250	8.55	6.30	3.853	8.9	-0.1	2.2	
		----- Post Sampling -----					

Notes: Dedicated peri tubing

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	MIddleton, WI		Sampler(s):	GL	
Well ID:	P-9D		Sampling Time:	1320	☑ Autofill Time?
Sample ID:	_19000100		Weather:		
Static Water Level:	7.39	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1300	7.39	6.34	3.357	10.2	2.1	-61.5	
1303	8.41	6.34	3.355	10.2	1.9	-63.1	
1306	9.23	6.34	3.352	10.2	1.4	-70.3	
1309	9.48	6.34	3.352	10.3	1.1	-75.1	
1312	9.43	6.35	3.364	10.2	1.0	-79.3	
1315	9.52	6.35	3.343	10.2	0.9	-82.9	
		----- Post Sampling -----					

Notes: Peri pump tubing - tubing shred

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-08BR	Sampling Time:	1340
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond ~~(ms/cm)~~ uS/cm	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1300		----- Before Pumping -----					
1322	NM	7.05	766	10.9	26.1	-113.5	
1327	↓	7.02	758	10.8	10.6	-111.3	
1330	↓	7.02	770	10.9	6.7	-109.0	
1335	↓	7.01	770	10.9	6.2	-102.2	
1338	↓	7.01	770	10.8	6.3	-98.4	
							Had to purge/
							sample well with
	Pressure	↑150 ft or 70 psi					packer out of
	Refill	11 sec					well; hole at
	Discharge	9 sec					connection point
							would not pump
							when in well
		----- Post Sampling -----					

Notes:

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5-25-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-21 BR	Sampling Time:	1552
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

2 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm) 45/cm	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
	NM	----- Before Pumping -----					
1519	NM	7.10	856	11.3	104.7	-6.48	
1523		7.06	768	11.3	31.2	-52.1	
1533		7.07	764	11.4	1.5	-82.6	
1536		7.07	762	11.4	1.0	-84.5	
1538		7.07	760	11.4	0.8	-85.8	
1540		7.07	759	11.4	0.4	-87.1	
1541		7.07	759	11.4	0.4	-87.5	
1542		7.07	759	11.4	0.4	-87.8	
1543		7.07	759	11.4	0.5	-88.2	
1544	↓	7.07	758	11.4	0.3	-88.5	
							Pressure
							120 ft or
	used MP-50 w/ Battery						55 psi
							Refill 25 sec
	color - clear						Discharge 5 sec
	odor - none						
	clarity - clear						
		----- Post Sampling -----					

Notes:

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL	
Well ID:	P-21S		Sampling Time:	1530	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	11.69	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

~~1330~~
1333

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1510	11.69	6.81	1.390	9.2	5.3	94.4	
1513	14.86	6.79	1.393	9.2	4.8	93.0	
1516	14.13	6.78	1.362	9.6	4.8	87.4	
1519	14.86	6.78	1.343	9.5	3.8	84.2	
1522	15.14	6.78	1.332	9.5	3.8	82.5	
1525	15.55	6.77	1.331	9.4	3.8	81.3	
		----- Post Sampling -----					

Notes: Dedicated tubing
P-21I

Client:	WDNR	Project #:	06719-0001
Project:	Refuse Hideaway Landfill		Page 1 of 1
Prepared By:		Date:	5/25/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL
Well ID:	P-21D	Sampling Time:	1556 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	12.88 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1538	12.88	6.47	6.832	11.2	15.6	86.3	
1541	12.97	6.25	6.925	11.3	6.4	50.5	
1544	12.99	6.27	6.954	11.4	4.0	30.3	
1547	12.99	6.28	6.981	11.4	3.3	10.7	
1550	12.99	6.29	7.003	11.4	2.9	10.0	
1553	12.99	6.30	7.014	11.4	2.7	4.8	
1556							
		----- Post Sampling -----					

Dedicated peri tubing

Notes: FD-1 collected here

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5.26.22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-29	Sampling Time:	Dry
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calcuiated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
11:47	236.33	----- Before Pumping -----					
12:56	236.82	7.86	0.596	18.1	107.1	97.6	
		----- Post Sampling -----					

Notes: Dry - No Sample

- Measure depth of pump / Pump / tubing length

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	DL	
Well ID:	P-16D		Sampling Time:	7:40	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	14.44	ft	Purge Method:	Low-flow Stabillzation	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
723	15.48	6.66	2.350	11.4	6.1	-22.4	
726	16.13	6.62	2.297	11.4	3.2	-8.0	
729	16.92	6.61	2.291	11.5	2.2	-5.1	
732	17.42	6.61	2.292	11.6	2.0	-5.5	
735	17.91	6.60	2.295	11.7	1.7	-7.2	
738	18.29	6.60	2.289	11.8	1.5	-8.1	
		----- Post Sampling -----					

Notes: Dedicated peri tubing

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-26-22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-32D		Sampling Time:	745	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	21.83	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

total = 5 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
710	21.65	----- Before Pumping -----					
718	21.47	7.40	784	11.3	12.8	-82.9	
721	21.68	7.37	781	11.0	12.3	-84.9	
724	21.83	7.34	785	10.8	11.2	-86.9	
727	21.83	7.33	786	10.7	7.7	-91.3	
730	21.83	7.32	784	10.6	8.2	-93.1	
733	21.83	7.31	780	10.6	8.0	-95.0	
736	21.83	7.30	780	10.6	7.2	-96.2	
739	21.83	7.29	779	10.6	6.2	-97.2	
741	21.83	7.29	779	10.5	6.2	-97.7	used gas
743	21.83	7.28	779	10.6	6.2	-97.1	powered
							Air comp.
							170 ft or
							Pressure 75 psi
							Refill 10 sec
							Discharge 5 sec
		color	clear				Mp. 50
		odor	none				
		clarity	clear				
		----- Post Sampling -----					

Notes:

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	DL	
Well ID:	P-165		Sampling Time:	810	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	12.88	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
752	13.18	6.80	0.755	11.2	16.3	69.1	
755	13.51	6.69	0.709	10.4	8.0	75.0	
758	13.98	6.64	0.684	10.4	9.2	83.1	
801	14.34	6.64	0.683	10.3	15.0	88.7	
804	14.87	6.63	0.689	10.1	13.3	93.3	
807	15.42	6.63	0.684	10.2	11.0	94.6	
810							
813							
816							
		----- Post Sampling -----					

Notes: Dedicated Peri tubing
well purges dry

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-26-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-18 S	Sampling Time:	852
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. ~~(mg/L)~~ %	ORP (mV)	Comments
834	96.44	----- Before Pumping -----					
840	97.23	7.30	675	11.7	88.6	74.6	
843	97.23	7.28	689	11.6	85.3	77.3	
846	97.23	7.27	689	11.6	84.2	79.5	
849	97.23	7.26	687	11.5	84.9	80.7	
							Pressure 140 ft 55PSI
							Refill 20
							Discharg 10
		----- Post Sampling -----					

Notes: Dedicated pump, MP-30 w/ Battery

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	P-175	Sampling Time:	9:46	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	144.95 ft	Purge Method:	Low-flow Stabillzation	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	mL/min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
929	146.85	6.90	1.021	11.9	70.9	150.7	
932	146.85	6.88	1.017	11.6	67.8	149.4	
935	146.85	6.65	1.023	11.7	37.4	133.3	
938	146.85	6.61	1.027	11.6	31.3	133.3	
941	146.85	6.59	1.030	11.6	26.6	134.2	
9:44	146.85	6.58	1.030	11.6	25.5	134.9	
		----- Post Sampling -----					

Notes: Dedicated pump, used gas Compressor

Pressure 170'/75 PSI refill/DIS 45/15

P-34S

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	~~P-34S~~ P34S	Sampling Time:	1125	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	160.36 ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	mL/min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1105	160.71	7.79	0.585	12.7	95.4	78.6	
1108	160.71	7.65	0.583	12.9	94.7	84.3	
1111	~~160.74~~	7.57	0.583	12.8	94.2	87.8	
1114	160.62	7.52	0.584	12.7	92.9	90.3	
1117	160.60	7.49	0.585	12.6	92.1	91.8	
1120	160.60	7.46	0.584	12.6	91.7	93.2	
		----- Post Sampling -----					

160.66 →

Notes: Dedicated Pump, used gas Compressor

Pressure 190 PA/80psi

Refill 45/15 DS

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-34D		Sampling Time:	11:28	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	163.75	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					
1107	163.70	7.56	0.513	10.4	94.8	139.1	
1110	163.71	7.25	0.503	10.7	87.8	143.7	
1113	163.71	7.17	0.504	10.7	82.7	148.0	
1116	163.71	7.17	0.507	10.7	80.7	148.1	
1119	163.71	7.18	0.511	10.6	79.9	146.8	
1122	163.71	7.20	0.513	10.7	78.1	146.4	
		----- Post Sampling -----					

Notes: Dedicated pump, used gas Compressor

Pressure 240 ft/100 psi

Refill / 8/12 DIS

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QH/AW
Well ID:	P-35D	Sampling Time:	1406
Sample ID:	_19000100	Weather:	
Static Water Level:	165.76 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

2 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (~~ms/cm~~) uS/cm	Temp (C)	D.O. (~~mg/L~~) %	ORP (mV)	Comments
1314	165.76	----- Before Pumping -----					
1329	166.57	7.35	541	10.4	58.8	103.3	
1332	166.57	7.32	541	10.3	65.1	104.9	
1335	166.57	7.29	539	10.3	66.3	106.6	
1338	NM	7.27	541	10.3	67.0	107.5	
1341	NM	7.27	539	10.3	68.1	107.8	
1344	|						Ran out of gas
1401	|	7.25	539	10.2	68.7	110.4	
							used gas
							air compressor
							180–
							Pressure 200 ft
							75-85 psi
							Refill 30
							Discharge 30
		----- Post Sampling -----					

Notes: dedicated pump, used gas Compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QC/AW
Well ID:	P-355	Sampling Time:	1406
Sample ID:	_19000100	Weather:	
Static Water Level:	163.78 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

1/2 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1314	163.78	----- Before Pumping -----					
1330	164.60	7.36	503	15.8	87.1	140.5	
1333	164.60	7.27	502	16.2	88.2	150.2	
1336	164.60	7.25	506	16.1	87.1	153.0	
1339	NM	7.24	508	15.9	87.1	155.1	
1342	NM	7.24	509	15.9	86.8	156.6	
1345	NM						Ran out of gas
1400	NM	7.24	512	17.3	89.2	162.6	
							1488
							Pressure 190ft
							80 PSI
							Refill 45
							Discharge 15
		----- Post Sampling -----					

Notes: Dedicated pump, used gas compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	GL/AW
Well ID:	P-27D	Sampling Time:	1505
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
14:47 ~~1548~~	174.74	----- Before Pumping -----					
1450 ~~1550~~	175.74	7.13	0.899	11.1	72.8	153.3	
1453 ~~1553~~	175.74	6.94	0.884	10.9	47.3	151.6	
1456 ~~1556~~	NM	6.82	0.877	12.0	34.3	144.2	
1459 ~~1559~~	NM	6.81	0.882	12.2	33.6	144.2	
1502 ~~1602~~	NM	6.80	0.882	12.7	33.0	143.4	
		----- Post Sampling -----					

Notes: Dedicated pump- gas Compressor

Pressure
220 ft
100 psi

refill
dis 30/30

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QC/AW	
Well ID:	P-27S		Sampling Time:	1530	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	174.14	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1458	174.14	----- Before Pumping -----					
1510	175.18	6.99	0.835	11.1	52.6	123.0	
1513	175.42	6.85	0.864	11.1	44.6	124.3	
1516	175.51	6.81	0.878	11.1	39.5	124.4	
1519	175.51	6.78	0.888	11.1	35.6	124.2	
1522	175.51	6.76	0.898	11.1	32.6	124.1	
1525	175.51	6.75	0.897	11.1	32.2	124.0	
					Pressure 210ft / 90 psi refill/discharge		40/20
		----- Post Sampling -----					

Notes: Dedicated pump, used gas ~~generator~~ Compressor

Pressure 210ft / 90 psi

refill/dis 40/20

FD-2 @ this well

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-26S	Sampling Time:	17:08 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	221.26 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1631	221.26	----- Before Pumping -----					
1647	221.82	7.48	0.744	14.0	92.8	123.9	
1650	221.82	7.32	0.764	13.6	89.5	127.5	
1653	222.23	7.22	0.771	13.6	88.0	129.2	
1656	222.35	7.15	0.780	13.6	85.9	130.6	
1659	222.46	7.10	0.788	13.5	84.0	131.8	
1702	222.53	7.06	0.789	13.4	83.2	132.4	
				pressure 230 feet/100 PSI			
				refill/discharge 20/40			
		----- Post Sampling -----					

Notes: Dedicated pump, used gas compressor larger fitting at the well - need to be changed

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/26/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QC/AW
Well ID:	P-28S	Sampling Time:	1755 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1721	198.90	----- Before Pumping -----					
1732	199.15	7.82	0.547	10.8	89.0	123.9	
1735	199.49	7.39	0.628	10.6	82.0	129.7	
1738	199.76	7.17	0.645	10.6	75.1	131.9	
1741	199.99	7.12	0.635	10.5	73.1	132.4	
1744	200.32	7.10	6.628	10.6	73.1	132.7	
1747	200.36	7.09	0.628	10.5	71.9	132.8	
			Pressure 230 ft				
						refill/discharge 30/30	
		----- Post Sampling -----					

Notes: Dedicated pump, used gas compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-43S		Sampling Time:	745	☑ Autofill Time?
Sample ID:	_19000100		Weather:		
Static Water Level:	192.20	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
716	192.20	----- Before Pumping -----					
725	192.21	7.44	0.605	10.3	89.7	92.1	
728	192.21	7.34	0.609	10.2	88.2	97.5	
731	192.21	7.29	0.611	10.3	88.5	101.1	
734	192.21	7.26	0.611	10.4	89.8	104.6	
737	192.21	7.26	0.611	10.3	90.0	104.9	
740	192.21	7.25	0.611	10.3	90.5	106.4	
			pressure 200 ft/90 psi				
			refill/discharge			40/20	
		----- Post Sampling -----					

Notes: Dedicated pump, Gas Compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

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Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-43I	Sampling Time:	810
Sample ID:	_19000100	Weather:	
Static Water Level:	191.84 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

0.5 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
715	191.84	----- Before Pumping -----					
750	192.12	7.19	601	10.3	84.5	145.5	
753	192.12	7.11	598	10.3	79.5	149.1	
756	192.12	7.07	597	10.3	75.6	151.2	
759	192.12	7.07	597	10.3	74.9	152.5	
802	192.12	7.07	595	10.3	75.2	154.0	
805	192.12	7.08	593	10.3	76.4	155.3	
							pump had to be pulled off ~3ft bottom, secured w/ vise grips to side of well for pump to work
	color Brown						
	odor none						
	clarity cloudy						
							Pressure 250 ft 105 psi
							Refill 30
							Discharge 30
		----- Post Sampling -----					

Notes: Dedicated pump, gas compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Gedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-43D	Sampling Time:	859
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Time?

needs larger fitting *

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
753	191.51	----- Before Pumping -----					
847	NM	7.14	0.559	12.0	79.4	112.3	
850	NM	7.03	0.560	11.9	71.0	114.4	
853	NM	6.93	0.561	11.8	54.9	92.6	
856	NM	6.97	0.561	11.7	50.0	95.2	- Sampled due to
859							Low flow
902							
			pressure 250 feet/110 PSI				
			refill/Discharge 40/20				
		----- Post Sampling -----					

Notes: Dedicated pump, Gas Compressor used
- pulled ~~to~~ tubing out 45 feet to get water

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-22D		Sampling Time:	950	☑ Autofill Time?
Sample ID:	_19000100		Weather:		
Static Water Level:		ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
913	173.05	----- Before Pumping -----					
932	174.82	7.01	0.567	10.4	79.9	112.5	
935	174.92	6.85	0.566	10.4	60.9	114.5	
938	175.13	6.81	0.569	10.4	44.8	112.6	
941	175.23	6.79	0.576	10.5	36.1	111.9	
944	175.25	6.79	0.579	10.5	31.8	111.8	
947	175.31	6.78	0.582	10.5	26.5	111.5	
950	175.36	6.78	0.583	10.5	25.2	111.5	
			Pressure		220 ft/	95 psi	
			refill/discharge		20/40		
		----- Post Sampling -----					

Notes: Dedicated pump, used gas compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

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Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-22E		Sampling Time:	1022	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:		ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
913	174.42	----- Before Pumping -----					
956	174.45	7.48	527	11.6	91.2	148.9	
959	174.45	7.27	527	11.5	86.4	154.3	
1002	174.45	7.15	528	11.5	81.0	157.7	Had to pull up ft
1006	174.45	7.07	528	11.8	58.3	160.2	
1009	174.45	7.05	529	11.9	49.7	160.2	out of
1012	174.45	7.05	528	12.1	43.0	159.7	well to get
1016	174.45	7.06	530	12.1	38.1	159.2	slow
1019	174.45	7.06	529	12.1	35.3	158.7	Use gripper
1020	NM	7.06	529	12.2	34.6	158.7	to side of
1021	NM	7.06	529	12.2	34.2	158.7	well
1022	NM	7.07	529	12.2	34.0	158.5	
				pressure	25 feet		
				refill/discharge		20/40	
		----- Post Sampling -----					

Notes: dedicated pump, used gas Compressor
pulled up 38 feet of tubing

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/MW
Well ID:	P-22S	Sampling Time:	1040
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
957	172.61	----- Before Pumping -----					
							- Little to No recharge collected grab sample
							- Not enough volume for parameters
							- only able to collect 1 VOC Vial
							Pressure 22 refill/dis 50/16
		----- Post Sampling -----					

Notes: Dedicated pump, used gas Compressor

Client: WDNR Project #: 06719-0001
Project: Refuse Hideaway Landfill Page 1 of 1
Prepared By: Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL / AW	
Well ID:	P-25 S	Sampling Time:	1155	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	21.05 ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	mL/min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1135	21.05	----- Before Pumping -----					
1138	21.08	7.22	0.744	10.7	80.1	154.7	
1141	21.08	7.09	0.742	10.4	76.6	159.2	
1144	21.08	7.06	0.738	10.4	72.2	160.4	
1147	21.08	7.05	0.738	10.5	71.4	160.4	
1150	21.08	7.05	0.736	10.5	71.1	160.6	
1153	NM	7.04	0.736	10.4	70.1	160.8	
		----- Post Sampling -----					

Notes: Dedicated peri tubing

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-25 BR		Sampling Time:	1155	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	25.25	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (~~ms/cm~~ uS/cm)	Temp (C)	D.O. (~~mg/L~~ %)	ORP (mV)	Comments
1136	~~25~~ 25.25	----- Before Pumping -----					
1142	25.63	7.56	400	11.2	66.3	118.3	
1145	25.63	7.41	551	11.3	67.7	118.2	
1148	25.63	7.33	562	11.4	~~68.7~~	119.2	
1151	NM	7.26	582	11.4	66.5	120.5	water level stable
1152	↓	7.24	584	11.4	66.1	120.9	
1153	↓	7.23	587	11.4	66.0	121.2	
1154	↓	7.22	588	11.4	66.0	121.4	
							Pressure 110 ft 45psi
							Refill 11
							Discharge 9
		----- Post Sampling -----					

Notes: Dedicated Pump, used gas AC, could use battery if needed

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/ALW	
Well ID:	P-25D		Sampling Time:	1220	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	26.22	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1150	26.22	----- Before Pumping -----					
1200	26.28	7.42	0.612	10.8	64.7	133.5	
1203	26.29	7.07	0.613	10.9	50.4	141.7	
1206	26.29	7.16	0.551	11.0	57.6	142.9	
1209	26.29	7.13	0.541	11.0	59.4	143.6	
1212	26.29	7.13	0.543	11.1	60.6	145.2	
1215	26.29	7.20	0.533	11.1	60.3	146.0	
		----- Post Sampling -----					

Notes: Dedicated pump, used gas compressor

Client: WDNR | Project #: 06719-0001
Project: Refuse Hideaway Landfill | Page 1 of 1
Prepared By: | Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/ALW
Well ID:	P-40 D	Sampling Time:	1350
Sample ID:	_19000100	Weather:	
Static Water Level:	11.53 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (~~ms/cm~~ uS/cm)	Temp (C)	D.O. (~~mg/L~~ %)	ORP (mV)	Comments
1330	11.53	----- Before Pumping -----					
1336	11.53	7.35	529	10.0	60.4	124.3	
1339	11.53	7.29	554	10.0	65.0	126.9	
1342	11.53	7.27	572	10.0	63.4	128.3	WL stable
1345	11.53	7.24	575	10.0	62.7	129.2	
1346	11.53	7.24	575	10.0	62.8	129.4	
1347	11.53	7.24	575	9.9	62.9	129.5	
1348	11.53	7.2	574	10.0	63.3	129.6	
							Pressure 80 ft
							35 psi
							Refill 20
							Discharge 10
		----- Post Sampling -----					

Notes: Dedicated pump, used QAS AC, could use MP-50 w/battery FD-3C
↳ only 2 vials

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-40 I	Sampling Time:	1351 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	10.29 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1331	10.29	----- Before Pumping -----					
1334	10.36	7.39	0.624	9.4	64.9	152.8	
1337	10.32	7.16	0.636	9.3	64.1	161.6	
1340	10.32	7.12	0.643	9.3	62.1	164.5	
1343	10.32	7.11	0.647	9.4	60.5	165.6	
1346	10.32	7.09	0.650	9.3	59.4	167.6	
1349	10.32	7.09	0.650	9.3	59.7	168.3	
1352							
				Pressure 60			
				Refill/Dis.		20/10	
		----- Post Sampling -----					

Notes: Dedicated tubing, used gas compressor

Client: WDNR Project #: 06719-0001
Project: Refuse Hideaway Landfill Page 1 of 1
Prepared By: Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	P-31S	Sampling Time:	1505	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	4.60 ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	mL/min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1444	4.60	----- Before Pumping -----					
1446	4.72	7.49	0.544	8.7	14.0	-101.4	
1449	4.78	7.35	0.533	8.4	1.3	-126.2	
1452	4.86	7.37	0.514	8.3	0.4	-136.0	
1455	4.86	7.37	0.510	8.3	0.1	-140.1	
1458	4.86	7.31	0.525	8.3	-0.2	-141.0	
1501	4.86	7.29	0.533	8.4	-0.3	-140.9	
				pressure	50 ft	/20 psi	
				Refill/Dis.	20	/10	
		----- Post Sampling -----					

Notes: Dedicated pump, Used gas Compressor

Client: WDNR Project #: 06719-0001
Project: Refuse Hideaway Landfill Page 1 of 1
Prepared By: Date: 5-27-22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-31B	Sampling Time:	1515
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Time?

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (~~mS/cm~~ µS/cm)	Temp (C)	D.O. (~~mg/L~~ %)	ORP (mV)	Comments
1450	NM	----- Before Pumping -----					Has packer
1454		7.10	819	11.9	20.7	130.7	did not
1457		7.06	810	12.2	15.4	130.1	measure
1500		7.04	809	12.4	12.8	128.0	WL when
1503		7.03	808	12.2	10.8	126.5	purging
1506		7.03	806	11.9	9.6	125.6	
1509		7.02	806	12.1	8.7	123.4	
1512		7.01	806	12.4	8.5	122.5	
							Needs QUICK
Pressure		80 ft, 30 psi					connect air
Refill 8 sec							fitting
Discharge 4 sec							
		----- Post Sampling -----					

Notes: Dedicated Pump, Has packer

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/27/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-31D	Sampling Time:	1548 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
		----- Before Pumping -----					-GW ~~Ele~~ level
1528	NM	7.35	0.523	10.8	37.1	120.3	Not measured
1531	NM	7.24	0.521	10.5	23.4	120.8	due to packer
1534	NM	7.24	0.521	10.5	23.6	120.8	
1537	NM	7.24	0.522	10.5	36.4	121.4	
1540	NM	7.28	0.526	10.3	65.8	123.4	
1543	NM	7.29	0.527	10.3	73.8	124.3	
1546	NM	7.29	0.528	10.3	76.2	124.7	
1545	NM	7.30	0.528	10.3	81.6	125.6	
			Pressure	50PT			
			RBM/DIS	20/10			
		----- Post Sampling -----					

Notes: Dedicated pump + packer, used gas Compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/27/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	GL/AW	
Well ID:	P-31IA		Sampling Time:	1605	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:		ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond ~~(ms/cm)~~ uS/cm	Temp (C)	D.O. ~~(mg/L)~~ %	ORP (mV)	Comments
		----- Before Pumping -----					Packer - No GW levels Recorded
1555		7.07	776	13.7	22.2	107.8	
1558	5.88	6.98	771	14.4	20.1	108.2	
1600	5.88	6.97	771	14.9	18.6	107.8	
1602	5.88	6.96	773	15.1	18.1	107.4	
1604	5.88	6.96	773	15.1	17.2	106.9	
							Had to remove packer to get water laid on ground to purge
pressure 100 ft, 45 psi							
Refill 15							
Discharge 15							
		----- Post Sampling -----					

Notes: Dedicated pump & packer, used gas Compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Date: 5/27/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	GL/AW
Well ID:	P-30D	Sampling Time:	1652
Sample ID:	_19000100	Weather:	
Static Water Level:	21.71 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Time?

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1627	21.71	----- Before Pumping -----					
1633	21.71	7.36	0.4672	10.1	15.6	118.0	
1636	21.71	7.30	0.4676	9.9	16.2	118.7	
1639	21.71	7.29	0.4660	9.9	21.7	119.5	
1642	21.71	7.34	0.4657	9.8	64.6	122.2	
1645	21.71	7.33	0.4653	9.8	69.0	124.0	
1648	21.71	7.33	0.4662	9.8	70.4	125.0	
					60		20
				pressure	~~50~~ ft		~~20~~ PSI
				Refill/Dis		20/10	
		----- Post Sampling -----					

Notes: Dedicated pump, used gas Compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5.27.22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-30 I	Sampling Time:	1652
Sample ID:	_19000100	Weather:	
Static Water Level:	19.75 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Time?

Time (24-hr) (hh:mm) ☑ Autofill Time?	Water Level (ft)	pH	Cond ~~(ms/cm)~~ uS/cm	Temp (C)	D.O. ~~(mg/L)~~ %	ORP (mV)	Comments
1631	19.75	----- Before Pumping -----					
1634	19.75	7.22	640	9.8	43.5	135.8	
1638	19.75	7.21	635	9.8	64.3	138.0	
1640	19.75	7.22	635	9.6	79.5	139.5	WL Stable
1642	NM	7.22	635	9.6	84.6	141.2	
1644	↓	7.22	635	9.6	86.2	142.6	
1646		7.21	635	9.6	87.3	143.9	
1648		7.21	635	9.6	88.0	145.3	
1650	↓	7.21	635	9.6	88.3	146.4	
							Pressure 60 ft + 25 psi
color	clear						Refill 20
odor	none						Discharge 10
clarity	clear						
		----- Post Sampling -----					

Notes: dedicated pump, used gas AC, could use MP-50 w/ Battery

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5/31/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-33S	Sampling Time:	852
Sample ID:	_19000100	Weather:	
Static Water Level:	4.86 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

☑ Autofill Tme?

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
825	4.86	----- Before Pumping -----					
828	5.08	7.02	0.758	10.1	12.5	-87.9	Light Brown
831	5.13	6.94	0.746	10.0	4.3	-95.9	slightly Cloudy
834	5.14	6.93	0.742	10.2	3.2	-98.6	
837	5.18	6.94	0.743	9.8	2.3	-100.7	
840	5.24	6.94	0.731	9.6	1.5	-101.8	
843	5.29	6.94	0.719	9.5	1.1	-100.2	
846	5.32	6.93	0.718	9.8	0.8	-100.6	
849	5.36	6.93	0.717	9.3	0.6	-100.2	
							Sample light Brwn slightly Cloudy
		----- Post Sampling -----					

Notes: Dedicated peri tubing, Bailer stored

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-31-22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-33 D		Sampling Time:	905	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	9.79	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

1/2 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
834	9.79	----- Before Pumping -----					
835	10.32	7.46	625	15.9	31.3	-81.6	
840	10.75	7.41	626	14.7	31.9	-89.7	
845	10.91	7.39	622	15.7	34.1	-89.5	
848	11.10	7.40	624	15.8	37.7	-82.6	
851	12.03	7.39	624	15.1	36.3	-82.3	
854	12.03	7.38	625	14.7	28.2	-87.5	
857	12.03	7.37	623	15.4	27.8	-89.2	
900	12.03	7.38	624	15.6	29.0	-87.9	
903	12.03	7.36	625	15.8	27.6	-88.8	
					color	clear	had to pull
	Pressure		110 ft		odor	none	packer out
			50 psi		clarity	clear	of well to
	Refill		50				purge
	Discharge		10				
		----- Post Sampling -----					

Notes:

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
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Date: 5/31/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar	
Location:	Middleton, WI	Sampler(s):	QL/AW	
Well ID:	P-20SR	Sampling Time:	950	☑ Autofill Tme?
Sample ID:	_19000100	Weather:		
Static Water Level:	37.33 ft	Purge Method:	Low-flow Stabilization	
Total Depth:	ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0 ft	Pump Intake Depth:	ft	
Calculated Well Volume:	0 gal	Purge Rate:	mL/min	

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
925	37.33	----- Before Pumping -----					
928	37.33	7.43	0.551	13.1	89.4	45.8	Turbid, tan
932	37.33	7.41	0.556	13.1	90.0	48.6	Emptied + re filled
935	37.33	7.28	0.554	12.2	87.1	53.8	
938	37.33	7.25	0.555	11.9	96.2	59.2	
942	37.33	7.26	0.553	11.9	98.8	64.0	Cleared
945	37.33	7.24	0.554	11.9	98.8	66.9	
					Pressure		100-110 ft/45 psi
					refill/Dis		20/10
		----- Post Sampling -----					

Notes: Dedicated tubing - Need Bladder Pump
Used gas Compressor

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001
Page 1 of 1
Date: 5/31/22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QC/AW	
Well ID:	P-23D		Sampling Time:	1040	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	37.59	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (ms/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
10:11	37.59	----- Before Pumping -----					
1020	37.72	7.11	0.537	11.5	78.4	136.9	
1023	37.76	7.12	0.533	11.4	81.8	138.7	
1026	37.76	7.13	0.535	11.3	82.5	140.5	
1029	37.76	7.13	0.534	11.3	83.0	142.0	
1032	37.76	7.13	0.533	11.3	83.5	142.8	
1035	37.76	7.13	0.534	11.2	83.6	144.1	
					pressure	100 ft/ 45 psi	
					refill/Dis	20/10	
		----- Post Sampling -----					

Notes: Dedicated pump, used gas compressor

EB-1 @ 11:30

Client: WDNR
Project: Refuse Hideaway Landfill
Prepared By:

Project #: 06719-0001

Date: 5-31-22

Groundwater Purging and Sampling Form

Event:	May 2022		Sampling Company Code:	Cedar	
Location:	Middleton, WI		Sampler(s):	QL/AW	
Well ID:	P-23S		Sampling Time:	1040	☑ Autofill Tme?
Sample ID:	_19000100		Weather:		
Static Water Level:	38.06	ft	Purge Method:	Low-flow Stabilization	
Total Depth:		ft	Pump Type:	Bladder Pump	
Water Column Thickness:	0	ft	Pump Intake Depth:		ft
Calculated Well Volume:	0	gal	Purge Rate:		mL/min

1.25 gal

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond ~~(mS/cm)~~ u|cm	Temp (C)	D.O. ~~(mg/L)~~ % L	ORP (mV)	Comments
1016	38.06	----- Before Pumping -----					
1023	38.06	7.27	5616	13.0	98.4	77.5	
1026	38.06	7.22	568	12.4	97.7	79.5	wl stable
1029	38.06	7.19	568	12.4	96.8	81.6	
1032	38.06	7.16	569	12.3	96.2	83.5	
1035	38.06	7.16	569	12.4	95.7	84.6	
1038	38.06	7.15	570	12.2	95.2	85.7	
	pressure		100 ft			color	clear
			40 PSI			odor	none
	Refill		20			clarity	clear
	Discharge		10				
		----- Post Sampling -----					

Notes: Sample Pro Bladder pump - used gas AC
Could probably use MP-50 w/ Battery

EB-1 @ 11:00

Client: WDNR | Project #: 06719-0001
Project: Refuse Hideaway Landfill | Page 1 of 1
Prepared By: | Date: 5/3/22

Groundwater Purging and Sampling Form

Event:	May 2022	Sampling Company Code:	Cedar
Location:	Middleton, WI	Sampler(s):	QL/AW
Well ID:	P-41D	Sampling Time:	1140 ☑ Autofill Tme?
Sample ID:	_19000100	Weather:	
Static Water Level:	15.87 ft	Purge Method:	Low-flow Stabilization
Total Depth:	ft	Pump Type:	Bladder Pump
Water Column Thickness:	0 ft	Pump Intake Depth:	ft
Calculated Well Volume:	0 gal	Purge Rate:	mL/min

Time (24-hr) (hh:mm) ☑ Autofill Tme?	Water Level (ft)	pH	Cond (µs/cm)	Temp (C)	D.O. (mg/L)	ORP (mV)	Comments
1109	15.87	----- Before Pumping -----					
1114	15.87	7.80	8.5	16.0	96.0	119.0	
1117	15.96	7.27	685	11.8	51.3	148.5	WL stable
1120	15.96	7.09	696	11.5	39.2	151.4	
1123	15.96	7.10	701	11.5	60.1	151.1	
1126	15.96	7.11	703	11.3	71.6	151.3	
1129	15.96	7.10	702	11.3	76.9	152.4	
1132	15.96	7.10	702	11.5	79.3	152.9	
1135	15.96	7.10	703	11.5	81.0	153.1	
							Pressure 120 ft ~50 psi
							Refill 20
							Discharge 10
		----- Post Sampling -----					

Notes: Dedicated tubing/pump, used gas compressor

*House Demoed