
ANNUAL REPORT

2021

Junker Sanitary Landfill
Town of Hudson, Wisconsin

March 2022



Prepared for:
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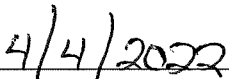
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Annual Report 2021
Junker Sanitary Landfill
Town of Hudson, Wisconsin

I, Anna Beckman, hereby certify that I am a professional geologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 500 and NR 700 to 726, Wis. Adm. Code.




Anna Beckman, P.G.
Professional Geologist



Date

I, Mitch Evenson, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 500 and NR 700 to 726, Wis. Adm. Code.



Mitch Evenson, C. H. M. M.
Certified Hazardous Materials Manager



Date

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1.0 Introduction

This report documents the operation, maintenance, and monitoring at the Junker Sanitary Landfill (Junker Landfill), WDNR Facility ID #656026800, for the year 2021. Cedar Corporation has managed landfill responsibilities from March 2012 to present. Mr. Mitch Evenson, CHMM, is the Project Manager and can be contacted at 715-235-9081. This report was compiled in accordance with Wisconsin Administrative Code (WAC), chapter NR 724.

The Landfill Remediation Trust (LRT) operates a gas and leachate extraction system with 22 gas monitoring wells (GMWs) (3 of which are also monitoring wells), 25 leachate monitoring wells (most of which are also gas extraction wells), and 4 leachate recovery wells. On-site and nearby off-site groundwater conditions are monitored through a network of 20 groundwater monitoring wells. The Special Well Casing Depth Area (SWCDA) has been designated by the Wisconsin Department of Natural Resources (WDNR), and point-of-entry (POE) granular activated carbon (GAC) filter systems are available for the effected residents. Figure 2 presents the SWCDA, the locations of the off-site groundwater monitoring wells and the general groundwater elevation contours.

2.0 Background

2.1 Location

The Junker Sanitary Landfill (Junker Landfill) is located in the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ and the SW $\frac{1}{4}$ of the SE $\frac{1}{4}$, Section 13, T 29 N, R 19W, six miles east of the City of Hudson, one-half mile north of USH 12 on Alexander Road, and addressed as 917 Alexander Road in the Town of Hudson, St. Croix County, Wisconsin (Figure 1). The landfill occupies approximately 15 acres of a 41.1-acre tract of land in a rural residential and wooded setting.

2.2 Geology and Hydrogeology

Elevation on-site varies from approximately 940 ft. to 1,100 ft. above mean sea level (amsl). The surface of the capped landfill itself lies between approximately 956 ft. to 1,030 ft. amsl. Surface geology in the vicinity of the landfill generally consists of Quaternary glacial pitted outwash containing stratified and sandy ice-contact deposits. According to GMW geologic logs (GMW-5 through GMW-10) the outwash is approximately 56 to 98 ft. thick and consists of predominantly sand interbedded with non-contiguous silt layers, underlying layers of clay and gravel deposits overlying the bedrock. The outwash thickness increases westward to over 200 ft.; however, a peninsular extension of bedrock extends north across Highway 12 and crops out along the Highway 12 road cut east of LaBarge Road to near Chippewa Path and again east of Alexander Road. Bedrock encountered in borings GMW-6 through GMW-10 along the southwest side of the landfill is composed of dolomite from the Prairie du Chien Group and is noted at elevations from 910 ft. to 953 ft amsl. The dolomite is fractured and characterized by solution channels and sinkholes in this region. The St. Peter Sandstone was encountered in GMW-5 at an elevation of approximately 912 ft amsl. north and south of the landfill. The bedrock is composed of St. Peter Sandstone and ranges from 5 ft. to 40ft. thick, respectively. A fault zone running north-northeast is known to exist approximately 3 miles west of the landfill and has offsets of greater than 200 ft. The landfill lies within the St. Croix River drainage basin and is 6.5 miles east of the river. No natural surface waters exist near the landfill. Groundwater elevation within the landfill property boundaries has historically measured between approximately 894 ft. to 902 ft. msl (mean sea level) elevation. At this depth in the vicinity of the landfill, the water table is

present within the Prairie du Chien bedrock. West of the landfill, the groundwater saturates the lower Quaternary unconsolidated formations.

Several hundred residences have been constructed in the local area. Drinking water is obtained through private wells constructed primarily in the upper Prairie du Chien and the basal Quaternary aquifers. A SWCDA was established for groundwater supply wells inclusive of Sections 13, 14, and 15, and parts of Sections 22 and 24, in Township 29 North, Range 19 West.

To evaluate groundwater quality, the LRT constructed several monitoring wells in two aquifers (Quaternary and Prairie du Chien) in the early 1990's. Additional monitoring wells were installed downgradient of the landfill in May 2021 (see section 3.4 Groundwater Monitoring Wells below for additional details). The upper aquifer matrix consists of unconsolidated sediments including sands, gravels, silts, etc., and the lower aquifer is found in the bedrock. Groundwater elevation measurements collected in the upper aquifer from wells MW-3, MW-8, and MW-13 between October 1997 and June 2021, indicate lateral groundwater flow gradients at the landfill ranged from 0.0011 ft./ft. to 0.0032 ft./ft. to the west-northwest (Figure 2). Based on groundwater elevation measurements in the lower aquifer from wells MW-11, MW-14, and MW-15A or MW-16 for the same time frame, the regional lateral groundwater flow gradient ranged from 0.0042 to 0.006 ft./ft. and flows generally west-northwest. With the addition of several new monitoring wells down/side gradient to the landfill in 2021, a more southwest flow is observed just south and west of the landfill (see Figure 2 attached). The 45-degree to 65-degree change in flow direction between the aquifers suggests the two aquifers may act separately because of variations in porosity and fracturing.

Vertical measurement of groundwater movement is evaluated using groundwater elevations measured at MW-9 and MW-10, a specially constructed pair of nested wells located on the northwest rim of the landfill. Variation of groundwater elevations are measurements and calculated from these wells to provide an estimate of vertical mixing in the groundwater. The vertical movement (gradient) was measured between October 1997 and June 2020 at the landfill and appeared to be consistently downward with ranges in value from -0.024 ft./ft. to -0.067 ft./ft. During the same time period, groundwater measurements were collected at a nested trio of wells (MW-15A, MW-15B and MW-15C) about 1.75 miles west of the landfill. A generally consistent upward vertical gradient has been observed in this well nest. The upward vertical gradient was observed to be 0.003 ft./ft. in June 2021. MW-15A was dry between 2007 to 2010 and again in 2012 and 2013.

The strength of this physical characteristic of the aquifer varies over the entire SWCDA but is typical of normal downward gradient observed in Wisconsin groundwater except at river and lake margins. Vertical gradients play an important role in controlling contaminant movements in the groundwater plume. The observed downward component of groundwater movement provides an explanation for the occurrence of trichloroethylene (TCE) contamination in replacement wells which are typically drilled deeper than the original contaminant free shallower well on a given property (e.g., 825 Hillside Trail).

2.3 Site History

Junker Landfill was originally constructed as a gravel pit in 1972 and was later converted to a 2-acre solid-waste disposal site licensed to accept only wood, glass, paper, and plastic.

Approval was granted by the WDNR to expand the disposal site to a 15-acre sanitary landfill operation in 1975. In 1977, the Junker Landfill was leased. During this time, the site received municipal solid waste, sewage sludge, and demolition, commercial, and industrial wastes. Operation of the landfill ceased in 1987. This landfill is considered a natural attenuation landfill. Waste was placed in the landfill from north to south, but no documents are known to exist showing the location of the individual waste types. The deepest point of the gravel pit lies at the southeast corner of the landfill. An estimated 1.25 million cubic yards of compacted waste was placed in the landfill. The Dames and Moore reports "RA/RD Project Plans Report," (August 1996), and "100% Final Design Submittal," (April 1997), documented the presence of approximately 24 ft. to 18 ft., respectively, of saturated waste in leachate extraction well LEW-1 located at the southeastern end of the landfill. This coincides with the deepest part of the former gravel pit. In 1985, the WDNR directed the installation of wells MW-3 through MW-6 and identified groundwater contamination as originating from the landfill.

In the late 1980's, the landfill was capped, and additional groundwater monitoring wells (MW-7 through MW-10) were installed. According to the landfill construction reports by Dames & Moore, the waste is capped with 2 ft. of compacted clay overlain with 1.5-2.5 ft. or more of cover soil and 0.5 ft. of topsoil totaling a minimum of 5 ft. cap thickness. Surface runoff water is directed toward one of two sedimentation ponds adjacent to the landfill. An active landfill gas (LFG) extraction system with leachate collection capabilities was installed in the early 1990's after LFG was observed off-site. LFG migration is monitored by a series of LFG monitoring points located between the landfill and adjoining properties. Landfill leachate infiltrating into the underlying groundwater is considered the principal source for transfer of contaminants to groundwater; therefore, four leachate extraction pumps were installed and initialized in December 1993. Recovered leachate is removed from an onsite storage tank and is treated at the wastewater treatment plant in Hudson, Wisconsin.

In 1991, the WDNR established the SWCDA. Sampling of private wells within the SWCDA in 1994 revealed that many wells were contaminated with TCE and tetrachloroethene or perchloroethylene (PCE). Additional monitoring wells, MW-11 through MW-16, were installed in 1995 to further delineate the groundwater contaminant plume and determine its migration characteristics. Ongoing activities damaged MW-5 which was sealed in 2006 and ultimately abandoned.

A Remedial Investigation was completed in 1995, as was a Remedial Action Feasibility Study in 1996. As multiple entities were involved in the disposal of the waste, a judicial Consent Decree and Record of Decision (ROD) was established in 1996. In 1997, POE GAC filters were installed at homes and businesses within the Junker landfill portion of the SWCDA. Two types of GAC filters are used for privately owned residential wells. These include JL-100s and JL-300s. Three additional gas extraction wells and one leachate extraction well were installed in 1997 in addition to six leachate extraction pumps installed in the gas extraction wells located in the southeast corner of the landfill. An area of the capped landfill was opened to receive remaining waste, construct system upgrades, and make repairs, after which it was re-capped. This action was documented in a Construction Documentation Report from 1998.

The Completion of Remedy Report dated February 1999 was submitted to the WDNR in July 1999. Operation, maintenance, and monitoring continue with annual progress reports submitted to the WDNR.

2.4 Clean-Up Goals and Time Frame

The specific objectives for remedial action as stated in the Record of Decision (Section VII) include:

1. Eliminate risk associated with direct contact of waste.
2. Eliminate human exposure to contaminants in water supplies through inhalation, ingestion or dermal exposure and to comply with applicable drinking water standards.
3. Prevent all lateral or downward migration of LFG off-site in violation of chs. NR 502, 504 and 506 Wis. Adm. Code.
4. Control the release of on-site LFG to the atmosphere in compliance with NR 445.
5. Minimize the generation of leachate at the site and reduce leachate levels.
6. Reduce the concentration of contaminants that exceed ch. NR 140, Wis. Adm. Code groundwater quality standards at monitoring wells and private water supply wells outside the waste-management area.
7. Prevent migration of impacted groundwater in violation of ch. NR 140, Wis. Adm. Code.
8. Restore groundwater quality to ch. NR 140, Wis. Adm. Code standards within a reasonable time period.

Objectives 1, 3, and 4 have been accomplished. Objectives 2 and 5 were further improved by the 2016 reconfiguration of the landfill cap and the 2014 - 2016 leachate collection system upgrade in four of the recovery wells. Objectives 6, 7, and 8 are being achieved through active operation of leachate/condensate and LFG removal systems which reduce the initial sources of contaminants infiltrating into the groundwater. Within the SWCDA, there have historically been over 330 POE GAC filters installed in residential units. These POE GAC filters provide protection to the downgradient private drinking water supplies by treating the contaminated groundwater. Ongoing monitoring of groundwater and private water supply wells assesses the success of remedial action at the landfill.

This report is prepared to satisfy chapter WAC NR 724, the Consent Decree (May 21, 1996), and the ROD (August 8, 1996), and to document the landfill operations in 2021, which include:

1. Continued maintenance of the existing landfill-cover system and perimeter control (fencing).
2. Continued operation and maintenance of the existing LFG and leachate extraction systems.

3. Continued oversight of the Junker Landfill portion of the SWCDA relative to private water supply well monitoring and protection.
4. Ongoing monitoring of groundwater, leachate, condensate, and LFG.
5. Installation and maintenance of individual POE GAC filters to impacted households and businesses in the SWCDA as stipulated by WDNR.
6. Implementation of any additional remedial actions that are found to be necessary through the additional studies of groundwater quality, landfill seeps, etc.

Cedar Corporation continues to work with the WDNR and LRT to achieve the stated goals of the ROD through periodic landfill operation oversight, monitoring, maintenance of the LFG and leachate collection systems, and monitoring as required for the private water supply wells located in the SWCDA and associated groundwater monitoring wells. These duties include provision of recommendations for long-term operations and coordinated periodic maintenance duties including leachate hauling, snow plowing, and equipment and landfill cap maintenance. Culligan of Stillwater, MN provides the private well POE GAC filters. Cedar Corporation coordinates with the private well owners, WDNR, LRT, and Culligan to ensure treatment systems are being installed and operated as needed and obtain the groundwater samples to ensure public health and safety is being maintained.

Other stated goals of the Consent Decree include:

- a) The WDNR desires to reduce groundwater levels of volatile organic compounds (VOCs) below the Wis. Adm Code NR 140 Table 1 preventive action limits (PALs). For example, the currently listed PAL for TCE is 0.5 micrograms per liter ($\mu\text{g/L}$).
- b) To decrease TCE concentrations to below the enforcement standard (ES) of 5 $\mu\text{g/L}$ by the first year after the completion of source-control construction. Failure to achieve these goals may lead WDNR to review and implement of additional source controls.

An added complication was discovered in October of 1999. Groundwater contamination of elevated TCE concentrations was found off-site and hydrogeologically up-gradient to the Junker Landfill at 961/962 80th Avenue in the Town of Warren. Since 2000, the WDNR has overseen the investigation and remediation of this unrelated TCE spill. Remedial actions of this TCE plume involved an injection slurry of chemicals to both degrade the TCE and encourage bio-enhancement remediation. This area of elevated TCE is not under the oversight of the LRT and is in a separate portion of the SWCDA. The WDNR has assumed authority in the investigation and cleanup management in this portion of the SWCDA. Although the elevated TCE concentrations observed up-gradient of the landfill appear to impact the Junker Landfill portion of the SWCDA, the ROD for the LRT remains unchanged. The WDNR has conducted several groundwater-treatment events with the injection of sodium permanganate in multiple wells since 2004. Additional injections were completed in 2019 and 2020.

2.5 Community Relations

Annual reports for the Junker Landfill are provided to the Hudson Public Library and the Town of Hudson Town Hall. Cedar Corporation is in routine contact with the private water supply well owners by sending letters to schedule groundwater sampling and communicate groundwater analytical results.

3.0 Standard Annual Operation, Monitoring and Maintenance

3.1 Purpose

This section of the report documents the weekly, bi-weekly, monthly, quarterly, semi-annual and annual operation, monitoring, and maintenance (OMM) of the Junker Landfill features which involve leachate, LFG, groundwater monitoring wells, and off-site landfill features which include residential methane meters and private water supply wells.

3.1.1 General Scope

The site is primarily monitored for leachate, LFG, and groundwater conditions. Monitoring is performed according to Tasks 1 through Task 6 as described below. Task schedules range from weekly to annually. Task 1 and Task 2 are similar and contain the basic OMM requirements for the LFG extraction system and sampling of private water supply wells. Task 3 includes monitoring GMWs and gas extraction wells by recording gas concentrations and depth-to-leachate measurements and regulating gas concentrations to the extraction system by adjusting the gas extraction well valves. Task 4 includes monitoring the depth-to-leachate in the remaining leachate head wells and gas extraction wells. Task 5 includes monitoring the remaining gas extraction wells and, if necessary, monitoring the methane meters at private residences. Task 6 includes sampling the blower, groundwater monitoring wells, and the leachate/condensate tank.

The detailed scopes of work for each of these tasks are provided in Appendix A. This annual report includes monitoring data from previous site visits and data from the following OMM site visits for 2021:

Task 1 (Weekly)	- January through December
Task 2 (Bi-weekly)	- January through December
Task 3 (Monthly)	- January through December
Task 4 (Quarterly)	- March, June, September and December
Task 5 (Semi-annual)	- June and December
Task 6 (Annual)	- June

In addition to this the report, certain data from Task 3 through Task 6 are prepared electronically and submitted quarterly to the WDNR on electronic media for inclusion on the State's web accessible database. This includes:

- * Monthly/quarterly leachate levels
- * Monthly/quarterly LFG concentrations, LFG temperature, well head pressure, and initial flow readings for GMWs and gas extraction wells

- * Annual groundwater levels and VOC concentrations in the monitoring wells
- * Annual analytical data for condensate/leachate from the tank

Data from November 1997 through December 2021 have been submitted quarterly to the Madison office of the WDNR.

3.2 Leachate

3.2.1 Leachate Recovery System Operation

Precipitation infiltrating through the landfill cap is believed to be the predominate generating source of leachate. Groundwater infiltrating through permeable lenses of surrounding soils and slope into the landfill is considered a second source of leachate generation. Surface water and groundwater percolates through the waste mass dissolving contaminants during its migration to the bottom of the landfill mass. The unlined landfill allows leachate to migrate downward through the waste mass via gravity and dissolve into the groundwater. With increasing leachate volumes comes the potential for increased contaminant impacts to the aquifer, potentially affecting downgradient water supply wells. Thus, landfill cap maintenance and improvements reduce the potential for leachate development and are important methods of groundwater protection.

In 2014, leachate recovery was tested using a vacuum truck at individual well heads. This vacuum technology allows significant volumes of leachate to be recovered in short time frames but is entirely depth dependent, resulting in decreased recovery rates with increases in depth. Although successful in its ability to recover leachate, the process was deemed too inefficient due to the depth to the leachate in the wells and therefore was not cost-efficient per gallon of leachate recovered to implement regular vacuum operations.

An alternate option included insulation of four electric submersible pumps designed and constructed for continuous use in landfill leachate. Pumps were installed in four of the leachate recovery wells in mid-December 2014 through mid-2015. After initial success, line surging and flooding resulted in poor LFG recovery. The leachate filled various low points in the leachate transfer piping system. The low points were determined to be located between the leachate head wells GEW-7, GEW-8, GEW-10, GEW-21, and the storage tank drip legs. The low points acted as plumbing p-traps creating vacuum in the pipes thereby blocking the ability to readily remove both leachate and LFG. These low points of piping are a result of the ongoing collapse of waste as it degrades with time.

Options to correct the problem included excavation and relayment of the piping or devising a less invasive method to “clear” the blockages. As the piping is without cleanout access points, regular pipe cleaning techniques could not be utilized. A temporary solution was to use air pressure to “blow” the lines free. A 1.5 Hp blower was permanently installed at the leachate pump panel to periodically push air through the leachate collection lines, timed with the

leachate pumps operation, to automatically pressurize the gas piping after a pumping cycle ceased. To ensure air pressure is directed towards the leachate storage tank, check valves were installed in each potentially affected wellhead to ensure the air pressure was not being forced into the landfill. The discharge is connected to the leachate lines in GEW-8 and GEW-10.

As LFG cannot be extracted during blower “on” periods, the leachate assist blower is on a timer that reduces its on time to less than 10 hours per day. As experience is gained on establishing the critical timing for blower “on” cycles, the blower “on” times will be reduced even further to improve both LFG and leachate recovery efficiency.

Each leachate pump controller is routed through a timer that allows the pump to operate for 3 hours. Each leachate pump operates daily for two 3-hour cycles. The pumps are internally protected from low amperage draw and overheating. Thus, when the leachate in the well is below the operational pumping level, the pump senses the low amp draw and automatically shuts down. Programming in the pump shuts the pump off for a four-hour period and becomes ready to pump when the next timer control cycle directs the pump to operate.

Since 2015, this system has performed very efficiently with the exception of maintenance problems related to an electrical surge associated with a lightning strike overloading the leachate control circuits in 2016, replacement of the timing board in 2019, and the leachate blower nearing its end in 2021. Future maintenance and replacements are discussed in section 3.2.3.

The leachate and condensate from the gas extraction system is routed to the leachate storage tank via two drip-legs located within the gas extraction system. Tank contents are removed by Pinky’s Environmental & Sewer Service using a vacuum truck, transported to the Hudson, Wisconsin waste-water treatment facility, and processed before discharge. The volume of tank contents is monitored weekly and removal of leachate was scheduled for between 1 to 2 times per week during 2021.

3.2.2 Leachate Monitoring

Leachate head elevations are monitored as follows:

- Monthly at LEW-1 and GEW-7, GEW-8, GEW-9, GEW-10 and GEW-21.
- Quarterly at the four leachate head wells (LHW-1 through LHW-4), the leachate extraction well (LEW-1) and twenty gas extraction wells (GEW-1 through GEW-15 and GEW-17 through GEW-21).
- Semi-annually at the four leachate head wells (LHW-1 through LHW-4), the leachate extraction well (LEW-1) and twenty gas extraction wells (GEW-1 through GEW-15 and GEW-17 through GEW-21).

Historic leachate head well and gas extraction well leachate thicknesses are presented in Table 1. Leachate thickness measurements collected in June 2021 are summarized in Table A. At this time, leachate was observed to be greater

than two feet thick in fourteen of the wells and depth to leachate was not able to be observed in three wells. In reviewing Table 1, the leachate levels in the leachate head wells and gas extraction wells appear to have fluctuated similarly throughout 2021 compared to 2020. The fluctuation of leachate levels may be contingent to the correlation of time of observation and precipitation occurrences, leachate blower tripping, seasonal weather conditions, etc. Overall, leachate levels monitored throughout 2021 have shown to be consistent with recent years.

**Table A
 Leachate Thickness**

Column Thickness (feet)	Well
Dry	LHW-3, GEW-2, 9, 15
0 – 2	GEWs: 5, 14, 17, 18
2 – 5	GEW- 6
5 – 10	GEWs: 3, 20
10 – 20	N/A
Over 20	LEW-1, LHWs: 1, 2, 4, GEWs: 4, 7, 10, 11, 12, 13, 21

3.2.2.1 Leachate Recovery System Efficiency

Data collected from weekly leachate tank measurements and volume of leachate removed, calculated 187,385 gallons of leachate/condensate was removed from the landfill in 2021. The total leachate removed in 2021 decreased by 36% and 15% compared to 2020 and 2019, respectively. According to National Weather Services, annual precipitation totals for the Hudson, Wisconsin area were observed between 40 and 50 inches in 2019, and between 30 and 40 inches in 2020 and 2021; therefore, the general observed precipitation rates were above average in 2019 compared to 2020 and 2021.

According to National Weather Services, from fall 2020 to spring 2021, snowfall accumulations measured 4 to 6 feet; from fall 2018 to spring 2019 measurements of 6 to 8 feet; from fall 2017 to spring 2018 measurements of 4 to 6 feet. According to this data, 2019 had overall greater precipitation and snowmelt than in 2018, 2020, and 2021.

Decrease in volume of leachate removed is observed due to leachate blower operational issues. Total leachate removal trips in 2021 were 73, with 91 trips in 2020, and 69 trips in 2019. Table B summarizes the monthly generation rates for leachate/condensate. Leachate production was relatively stable through the early months of 2021, peaked in March, April, May, and June, and then reduced for the remainder of the year.

Table B
2021 Monthly Condensate/Leachate Generation Rates

Reporting Month	Monthly Total (gallons)	Average (gallons/day)
January	13,431	261
February	9,032	334
March	26,591	860
April	23,091	760
May	17,391	662
June	20,550	620
July	14,055	466
August	11,325	409
September	15,862	504
October	12,155	469
November	12,459	404
December	11,443	416

Table C presents the total leachate/condensate discharged from the landfill, the average monthly discharge of the leachate/condensate, average monthly discharge of leachate, and the approximate total volume of leachate discharged for separate time periods. Some time periods may include leachate discharge even for those months when the pumps were not operating. Since the installation of the leachate pumps in 2014/2015, there has been an overall increase in leachate/condensate volume generation.

Table C
Historical Annual Leachate/Condensate Discharge

Time Period	Leachate/Condensate		Leachate	
	Total Annual Discharged (gal)	Average Monthly Discharge (gal)	*Average Monthly Discharge (gal)	*Total Discharge (gal)
Dec. 1993-?	-	1,500-1,600	-	-
Apr. 1996- June 1997	6,900	460	0	0
Oct. 1997- Jan. 1999	62,065/58,738+	3,879/3,916	3,339/3,376	53,424/50,640 (40,512 gal./yr)
Mar. 1999- May 2000	89,241^	5,950	5,410	81,150 (64,920 gal./yr)
June 2000- Dec. 2001	203,151	10,692	10,152	192,888 (121,824 gal./yr)
2002	165,417	13,784	13,188	158,256
2003	143,400	11,950	11,444	137,332
2004	100,554	8,380	7,986	95,827
2005	50,236	4,186	3,825	45,895
2006	45,297	3,775	3,455	41,461

2007	121,923	10,160	9,840	118,076
2008	122,882	10,240	9,976	119,712
2009	54,022	4,502	4,263	51,156
2010	123,788	10,316	10,197	122,367
2011	47,690	3,974	1,176	14,112
2012	3,996	333	-	-
2013	8,049	670	-	-
2014	24,470	2,039	1,579	18,948
2015	54,491	4,540	3,870	46,440
2016	154,774	12,898	12,438	149,256
2017	179,958	14,997	14,537	174,444
2018	213,995	17,833	17,373	208,476
2019	221,398	18,450	17,990	215,880
2020	295,449	24,621	24,161	289,932
2021	187,385	15,615	15,155	181,860

Leachate extraction did not occur from April 1996 to early October 1997 because the leachate pumps at GEW-7 through GEW-10 were inoperative. February 1999 is not included in the data above due to the one-month shut down of four of the five pumps. September and October 1999 were not included in the data above due to pump removal and shutdown.

- No data is available

Data from the Consent Decree

* To subtract out condensate from the 2nd data column, start with 460 gal./mo. (540 gal./mo. before 2006)-based on April 1996 through June 1997 data-and adjust for the number of days the gas extraction system was in operation (x number of days in operation/365 days) as well as adjust for the change in the annual average gas-flow rate. The condensate production rate will be adjusted for the average change in gas-flow rate relative to Jan. through June 1997, which had an average gas-flow rate of 182.8 cfm. Data prior to 2002 has not been adjusted for the two adjustments discussed in this note.

+ The first figure (62,065 gal.) is the average leachate/condensate discharged from Oct. 1997 to Jan. 1999. The second figure (58,738 gal.) is from Nov. 1997 to Jan. 1999.

^ This figure does not include data from 11/5/99 to 9/13/99 because of poor leachate discharge associated with pump removal from GEW-7 and 10.

3.2.2.2 Chemical Characteristics of Leachate/Condensate

A leachate/condensate sample was collected in June 2021 and analyzed for VOCs, semi volatile organic compounds (SVOCs), metals, and general chemistry parameters in addition to field temperature and conductivity measurements. The receiving wastewater treatment facility also analyzes the leachate for pH, biological oxygen demand (BOD), and total suspended solids.

The laboratory analytical report for the leachate/condensate sample collected in June 2021 is provided in Appendix B and summarized in Table 3.a and 3.b. These tables have been revised to include detected parameters for 2019, 2020, and 2021. The revisions included adding tetrahydrofuran and methyl ethyl ketone (MEK), increasing the total detected VOCs by 37 µg/L in 2019 and 190 µg/L in 2020. The addition of MEK did not increase the total amount of VOC's in 2021, as no MEK was detected in the June 2021 leachate/condensate sample. VOC results can only be compared between 2019, 2020, and 2021 as analyses prior to 2019 do not include tetrahydrofuran. The general chemistry parameter results are within historical range. The total detected VOCs decreased by 30% and total detected SVOCs have increased by 53% compared to the 2020 annual sampling results. The 2021 analytical results show total detected leachate/condensate VOC concentration was 1,039.1 µg/L and total detected SVOC concentrations was 25.21 ug/L.

The three main compounds contributing to the elevated VOC concentration include tetrahydrofuran, toluene, and total xylenes. Total xylenes have been commonly detected in historical leachate/condensate samples. No trichloroethene or tetrachloroethylene were detected in the June 2021 leachate/condensate sample.

3.2.2.3 VOCs in Extracted Leachate

Table D presents the annual mass of leachate/condensate discharged and the VOCs removed from the landfill in the form of leachate/condensate. The primary component of leachate/condensate is water. It can be assumed that the compounds dissolved in the leachate/condensate do not significantly alter the leachate density; therefore, the water equivalency of one kilogram per liter can be used to convert from volume (gallons) to mass (kilograms).

The VOC removal is based on the VOC analysis of contents taken from the leachate/condensate collection tank. Only VOCs with detections at or greater than the laboratory detection limits are considered in the calculations. A table of mass removed of individual VOCs was not included because of the low concentration of VOCs involved. Relative to VOC mass removed through LFG, the VOC mass removed through leachate/condensate is negligible. Condensate is included in the calculation because the leachate sample is collected from the leachate/condensate tank.

The total VOC concentration in the 2021 annual leachate/condensate sample is 1,039.1 µg/L. With a total volume of 187,385 gallons of leachate/condensate removed from the landfill, the mass of VOC removal is approximately 737 grams.

As mentioned in section 3.2.2.2, compounds have been added to the laboratory analysis method EPA 8260B for VOCs which is used to analyze the leachate/condensate sample. The total annual average VOCs concentration and VOCs mass removed has been revised for 2019-2021 in Table D.

Table D
Annual Leachate/Condensate and VOCs Mass Removal

Year	Total Annual Leachate-Condensate Volume (gal)	*Total Annual Leachate-Condensate Mass (kg)	Total Annual Average VOCs Concentration (ug/L)	*VOCs Mass Removed (g)
April 1996 - June 1997	53,928	204,139	945	192.91
Oct. 1997 - Jan. 1999	61,716	233,620	489	114.24
Mar. 1999 - May 2000	85,693	324,382	494	160.24
June 2000 - Dec. 2001	149,393	565,512	244	137.98
2002	165,417	626,170	2,124	1,329.98

2003	143,400	542,826	1,922	1,043.31
2004	100,554	380,637	46.5	17.70
2005	50,236	190,163	83.9	15.95
2006	45,297	171,467	16.7	2.86
2007	121,923	461,527	182.8	84.37
2008	122,882	465,158	30.1	14.00
2009	54,022	204,495	54.0	11.04
2010	123,788	468,587	112.8	52.86
2011	47,690	180,526	2.7	0.49
2012	3,996	15,126	27	0.41
2013	8,049	30,469	21	0.64
2014	24,470	92,629	3.24	0.30
2015	54,491	206,270	1147.7	236.74
2016	154,774	585,881	497.03	291.20
2017	179,958	681,213	822.94	560.60
2018	213,995	810,057	11.38	9.22
2019	221,398	838,080	4,593.15	3,849.43
2020	295,449	1,118,393	1,494.60	1,671.55
2021	187,385	709,327	1,039.10	737.06

The conversion factor for gallons to kilograms is 3.7854 kg/gal.

Equation for leachate/condensate volume to VOCs mass removed is (gallons * 3.7854 liters per gallon * VOC concentration µg/liter) / 1,000,000.

For 2007 and after, the volume is derived from the truck after pumping the leachate tank. Prior to 2007, the volume of leachate/condensate removed was the average of the totals derived from measurements at the tank for the "Volume Accumulated Since Last Measurement" and "Volume Removed from Tank" columns of Table 2.

*Values have been adjusted throughout table.

3.2.3 Leachate Recovery System Maintenance

The efficiency of the 7.5 Hp blower installed at the leachate pump panel has become reduced and the leachate pumps have been operating for 6 years. The leachate assist blower was replaced in 2021 with a 2Hp Gast R5125-2 regenerative single-phase blower. The life expectancy of the leachate pumps is approximately 5-10 years and may require replacement in the near future. Leachate level monitoring will continue in 2022 to assure leachate levels do not significantly increase as the leachate blower's efficiency decreases.

3.3 Landfill Gas

LFG is removed through an active gas extraction system consisting of 19 gas extraction wells (GEWs) and is vented from the 7.5 Hp electrically-powered blower through the non-operating gas flare. To operate a self-sustaining gas flare, the target methane concentrations extracted from landfill exterior gas wells must be in the range of 25 - 35% methane with less than 3% oxygen while the goal for interior wells is 35 - 55% methane with less than 1% oxygen. Extracted methane concentrations at the blower have been consistent, averaging 9.91 % methane throughout 2021; therefore, operating a self-sustaining flare has not been possible due to the lack of concentrated flammable gas.

Exhausting the untreated LFG was approved by WDNR after the LFG composition was

established and after the total concentration and discharge mass of LFGs had been reported to WDNR.

3.3.1 Gas Blower

3.3.1.1 Gas Blower, Methane, and Carbon Dioxide Monitoring

Using the LANDTEC GEM 2000, weekly LFG concentration and pressure readings are collected at the sample valve located after the blower. The total gas flow in cubic feet per minute (cfm) is measured and recorded by the LANDTEC GEM 2000 using a differential pressure pitot tube fixed in the discharge pipe leading to the flare stack.

The weekly monitoring data are presented in Table 4. The data are used to compute the volume of methane extracted from the landfill each month. The volume of methane (annual total = 7,684,185.6 cubic feet) and non-methane (annual total= 72,513,564.48 cubic feet) gas extracted are reported in Tables 5.a and 5.b.

Table E summarizes the concentration ranges of methane, carbon dioxide, and oxygen, gas flow, and the volume of extracted methane for each month of 2021. While operating, the 2021 monthly volume of extracted methane ranged from 218,040 to 1,161,548 cubic feet, methane concentrations ranged between 2.5% and 24.3% and the average gas flow through the blower system was 230.6 cfm.

Elevated oxygen concentrations at the blower are generally due to equipment leaks at the individual gas extraction wells due to component or seal failure or inadvertent times when the extraction system is left open to the atmosphere. Oxygen was detected above 5% at the blower from January through March as well as the month of October. After adjustments or repairs, oxygen concentrations generally drop below 1%. Oxygen concentrations in 2021 may indicate the need for maintenance on the gas extraction wells. Oxygen concentrations are not as crucial, given the LFG is not being flared, but they are monitored to evaluate system efficiency.

Table E
Monthly Blower LFG Concentrations and Volume Extracted

Reporting Month 2021	Landfill Gas at Blower				
	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Average Measured Gas Flow (cfm)	Volume of Extracted Methane (million cubic feet)
January	11.1-24.3	17.7-26.9	0.3-6.7	322	0.975
February	7.6-8.7	16.1-17.5	5.7-6.6	160.7	0.395
March	6.7-9.9	14.2-18.3	4.1-8.1	160.7	0.396
April	10.7	22.2	0.6-0.7	342	0.369
May	9.7	21.4	0.4-0.8	223	0.218

June	8.4-9.5	19.9-21.2	0.6-1.0	213.2	0.955
July	7.5-8.6	19.0-21.2	0.5-1.3	187	0.618
August	9.3-11.7	21.5-22.6	0.2-1.1	181	0.760
September	3.2-18.3	6.2-23.5	0.4-14.8	230.3	0.870
October	2.5-12.1	5.5-23.2	0.7-15.8	338	0.747
November	12.4-14.9	23.0-24.1	0.5-0.7	176	0.220
December	11.0-13.3	14.6-23.9	8.2	303.7	1.162

Table F summarizes the annual average methane concentration, average gas flow, average monthly extracted methane and change in average monthly extracted methane compared to the previous year. The average monthly extracted methane volume includes those data points collected during gas blower shut down at various times during the year. Operations in 2021 showed a an approximately 40% decrease in average monthly extracted methane compared to 2020. The significant decrease in methane extraction may be a result of the blower motor being at the end of its life cycle. LFG extraction is documented in Table 5.a. and 5.b.

Table F
Annual Average Methane Extraction from Landfill

Time Periods	Average Methane Concentration (%)	Average Gas Flow Reading (cfm)	*Average Monthly Extracted Methane (cubic feet)	Change in Average Monthly Extracted Methane (%)
April '96-June '97	46.9	183	3,675,869	-
January '98- February '99	37.6	248	3,924,555	6.7
March '99-May 2000	31.0	232	3,207,970	-18.3
June 2000-December 2000	29.3	226	2,967,966	-7.5
January-December 2001	-	-	2,685,504	-9.5
January-December 2002	29.9	222	2,597,148	-3.3
January-December 2003	30.4	188.2	2,259,468	-13.0
January-December 2004	30.2	155.2	1,962,732	-13.1
January-December 2005	26.8	140.4	1,666,548	-15.1
January-December 2006	29.0	111.3	1,600,764	-3.9
January-December 2007	30.1	162.1	1,726,488	7.9
January-December 2008	36.6	124.0	1,914,540	10.9
January-December 2009	32.4	92.1	1,114,428	-41.8
January-December 2010	33.4	72.1	904,236	-18.9
January-December 2011	33.8	91.8	1,285,692	42.2
January-December 2012	25.9	118.8	928,403	-27.8
January-December 2013	25.4	138	1,469,765	58.3
January-December 2014	16.5	225	1,575,859	7.2
January-December 2015	11.7	320	1,705,107	7.6
January-December 2016	15.1	300	1,812,016	5.9
*January-December 2017	9.2	255	1,016,722	-43.9
**January-December 2018	15.9	221.4	1,480,632	45.6
January-December 2019	16.9	391.6	2,408,099	65.7
January-December 2020	13.2	207.3	1,056,375	-56.1
January-December 2021	9.9	230.6	640,348	-39.4

*Weekly gas flow measurements taken during months January through March of 2017 are based on the 2017 April-December average gas flow

**Weekly gas flow measurements are based on average gas flow in 2018, average gas flow substitutions are noted in Table 5.a. and 5.b.

(-) No data is available

Table G summarizes the annual mass removal of methane and carbon dioxide. Based on oxygen measurements in LFG, gas extraction contains a minor fraction of atmospheric carbon dioxide; therefore, it is considered negligible in the mass calculations. The total methane volume is presented in Table 5.a. and total carbon dioxide is calculated from data in Table 4. Mass is calculated assuming a molecular weight of 16.04 grams per mole for methane and a molecular weight of 44.01 grams per mole for carbon dioxide. There was a decrease in mass removed from the landfill for 2021 compared to 2020. The methane mass removed decreased approximately 39.4% and carbon dioxide decreased 26%. The system down time for gas extraction was approximately 35 days in 2021 versus 59 days in 2020, a 40% decrease in down time.

Table G
Annual Mass Extraction of Methane and Carbon Dioxide

Year	Methane Volume Removed (cubic feet)	Carbon Dioxide Volume Removed (cubic feet)	Methane Mass Removed (kg)	Carbon Dioxide Mass Removed (kg)
1998	48,489,700	39,679,800	913	2,055
1999	39,843,288	34,983,883	750	1,812
2000	35,615,592	33,010,594	671	1,710
2001	34,892,640	33,083,234	657	1,714
2002	34,595,136	33,186,384	652	1,719
2003	28,155,168	27,760,176	530	1,438
*2003	27,113,616	26,758,302	511	1,386
2004	23,552,784	19,772,496	444	1,024
2005	19,998,576	19,598,832	377	1,015
2006	19,209,168	15,503,076	362	803
2007	20,717,856	17,715,629	390	918
2008	22,974,480	16,051,824	433	831
2009	13,373,136	11,352,312	252	588
2010	10,850,832	7,813,152	204	405
2011	15,428,304	11,202,912	291	580
2012	8,355,623	9,276,756	157	480
2013	11,758,118	11,448,972	221	593
2014	18,910,307	25,099,512	355	1,300
2015	20,461,288	35,868,184	385	1,858
2016	21,744,192	32,120,659	410	1,664
**2017	12,200,668	25,973,953	230	1,345
2018	17,767,578	25,802,492	334	1,337
2019	28,897,193	38,409,145	546	1,990

2020	12,676,50	20,112,059	239	1,042
2021	7,684,185	14,789,749	145	766

Mass Removed = Gas Volume (ft.³) x Molecular Weight (g/mole) x 0.0283 (m³/ft.³) x 10⁻³ (kg/g) / 24.04 (m³/mole)

* Values adjusted for system down times. The same percent difference for methane is applied to carbon dioxide. System downtimes are accommodated for 2004 and after.

** The 2017 average gas flow was used in the calculation for the months January-March in 2017

3.3.1.2 VOCs in Extracted Landfill Gas

An annual gas sample is collected at the sample valve in the discharge pipe located after the blower. The sample is analyzed for VOCs using the Environmental Protection Agency (EPA) Method TO-15 and evaluated with respect to WAC, NR 445. The LFG was sampled and analyzed on July 1, 2021. The analytical results are included in Appendix B and the data are summarized in Table 6.

Calculations for the annual mass of VOCs in extracted LFG are based on the VOC detections in the annual LFG sample. Only VOCs with detections at or greater than the laboratory detection limits are considered in the calculations. According to the 2021 annual LFG sample results, the mass of VOCs in extracted LFG was 0.13 grams per cubic meter. The approximate total annual volume of gas extracted in 2021 was 92,977,931.05 cubic feet or 2,632,841.81 cubic meters. The approximate total mass of VOCs emitted in 2021 was 352,469.06 grams or 777.07 pounds. The approximate total VOC emission per hour in 2021 was 0.09 pounds. This remains below the maximum total VOC emissions, per WAC NR 445.07 Table A column d.

The 2021 total mass of VOCs in extracted LFG decreased 77 % compared to 2020. Emissions have likely decreased due to the substantial decrease in total VOCs detected in the LFG sample collected in 2021, compared to that collected in previous years (133,874 ug/m³ vs. 587,621 ug/m³ in 2020).

3.3.1.3 Gas Blower Maintenance

In 2013, the landfill blower was replaced with a similar unit and a variable frequency drive control system was installed. This system provides a much more controlled LFG extraction process, limiting the power consumption needs and operating loads on the equipment, and improving the operating efficiency, as evidenced by significant energy reduction and operational cost savings.

The LFG blower operated smoothly from 2013 through 2016 except for two weeks in February 2015 due to freezing condensate in the recovery lines. The electric heat tapes were later replaced, and insulating blankets were placed on exposed equipment and piping which improved overall operations.

In March of 2017, the blower motor system shut down multiple times even after it was manually restarted. This was due to the blower motor

loads ramping up too quickly resulting in thermal overload error. The VFD program was reset by adjusting the acceleration and deceleration times. The system continued to run efficiently until early December when the blower motor shut down due to sub-zero temperatures and failure of the old insulation blankets used to protect the LFG piping. The blower motor was heated with a large portable industrial heater and the piping was reinsulated.

In February 2018, the heater in the maintenance building malfunctioned and was replaced with a new heater by MRS, Inc. Shortly after starting the heater in October 2019, it failed and needed replacement. A permanent baseboard heater was installed inside the maintenance building on November 20, 2019.

The blower shut down due to sub-zero temperatures in January and December 2019 and required a manual restart. After both shutdowns, an industrial heater was required to warm up the blower. Blower settings were reprogrammed to lower the required ramp up time for the weather conditions.

In September of 2019, noticeable vibration and high pitched noises were observed coming from the blower. It was recommended to replace the pillow block bearings which was completed by Integrated Power Services (IPS). The parts were supplied by Pearson-Arnold Industrial Services and made by New York Blower in Effingham, IL. Recommendations for further repairs include replacement of the coupling insert and motor bearings which was completed in early 2020.

At the end of January 2020, the blower had to be turned off as the pillow block bearings initially replaced in November of 2019 had failed. On March 19th, a second new set of pillow block bearings were installed.

In 2021, an Omni Beacon telemetry system was installed which sends real time blower system notifications to users indicating the status of the blower. Discharge piping insulation was also replaced in 2021.

3.3.2 Landfill Gas Flare Operations

Operation of the LFG flare was suspended in 2011 due to operational issues with flare controls, lower than ignitable methane concentration in extracted gas, the age and condition of the flare and associated equipment. In 2012, the raw LFG analysis was examined and a calculation of maximum emissions using onsite equipment determined that the various LFG components had been decreased to levels well below their respective air emission limits. Permission from the WDNR was requested and obtained to cease the requirement for LFG flaring based on the declining methane and other LFG components. Weekly methane monitoring and annual LFG sampling continues and is evaluated to determine the need to reinstitute flaring or other additional treatment.

For efficient flaring, methane concentrations at the igniter need to be consistent and above 35%. Methane concentrations (Table 4) over the last several years have been measured well below 35% even when attempting to enhance the gas by shutting down less productive gas extraction wells. Thus, operating the flare is not technically feasible without the addition of other energy sources (liquid propane or natural gas, for example).

3.3.2.1 Landfill Gas Flare Maintenance

The LFG flare system has not been in operation and is deteriorating. It is recommended that the flare system be removed in the future. The flare panel was removed in 2021.

3.3.3 Gas Extraction Wells

3.3.3.1 Gas Extraction Well Operations

All gas extraction wells are monitored semi-annually and GEW-3, GEW-5 through GEW-12, and GEW-19 through GEW-21 are monitored monthly. The gas extraction well monitoring data is reported in Table 7. A summary of adjustments of all gas extraction well heads are recorded in Table 8.

The gas extraction wells are monitored for methane, carbon dioxide, oxygen, pressure, gas temperature and total flow using the LANDTEC GEM 2000 meter. To facilitate monitoring, condensate is drained from GEW-3, GEW-5 and GEW-6 as needed as these wellhead elevations are lower than the leachate collection line. Pooled condensate in the lines of GEW-3, GEW-5 and GEW-6 occasionally freezes during the winter season as the wellheads are not insulated, which reduces the gas extraction efficiency.

As the gas concentrations are no longer at levels feasible for LFG flaring, the methane concentrations at the well heads are evaluated to determine the need for gas extraction. The presence of oxygen in the LFG indicates system leaks and reduced LFG extraction.

The valve on each wellhead is adjusted to maximize methane withdrawal yet minimize the oxygen draw into the landfill. If off-site gas probes have methane detections, perimeter wells are adjusted as needed to minimize off-site migration of LFG. Where lower methane gas concentrations are observed, the gas extraction well valves are closed, and the opposite is true for wells with higher observed methane concentrations.

Using this approach, and based on observed concentrations since 2012, gas extraction wells GEW-1 through GEW-3, GEW-14, GEW-15, and GEW-18 have been closed or set to a minimal withdrawal and have continued with these valve settings through 2021. These settings were altered temporarily if there was a buildup of gas due to

an automatic shut off of the system. Methane concentrations in GEWs 10, 13, 17, and 20 are also generally low and valves have been typically kept closed.

Gas extraction wells GEW-8 and GEW-9 continue to have higher methane generation rates in 2021; therefore, these valves have been kept mostly open throughout 2021. Recently collected methane concentrations in GEWs 6, 7, 11, 12, and 21 indicate more variable methane detected in these wells and valves are adjusted accordingly at the time of monitoring.

Historically, low methane volume is generated in the northwestern portion of the landfill while more methane is generated starting from the center portion of the waste mass to the south and southeast. The same has been generally observed in 2021.

3.3.3.2 Gas Extraction Well Maintenance

Maintenance performed on the gas/leachate recovery wells in 2021 included checking all gas extraction wells for air leaks by fastening or sealing joints, repairing broken hinges and resetting the steel protective boxes, and removing overgrown vegetation from around the GEWs. It is important to protect the GEWs to allow easy monitoring of the system.

3.3.4 Gas Monitoring Wells

3.3.4.1 Gas Monitoring Well Operations

Active gas extraction mitigates the migration and concentration of LFG which can concentrate in pockets and potentially become an explosion hazard. To assess this hazard, 22 permanent gas monitoring points consisting of 19 GMWs and 3 groundwater monitoring wells were installed and have been monitored to assess gas migration. Gases measured at these points include methane, carbon dioxide, and oxygen on a quarterly basis and are recorded in Table 9. Gas monitoring and data recording is done by using the LANDTEC GEM 2000 LFG meter. The data is recorded in the gas meter once gas concentrations stabilize after 60 seconds.

The 22 permanent GMWs are located outside the limits of filling but within 200 feet of the landfill property boundary. There are 12 off-site GMWs located within the landfill property boundary. These include GMW-5S, 5M and 5D, GMW-6S, 6M and 6D, GMW-7, GMW-8S, 8M and 8D, GMW-9, and GMW-10. GMW-6S, 6M, 6D, and 8S are monitored monthly as these vents are considered most sensitive to off-site methane migration and the remainder are monitored quarterly.

According to the performance of the work section of the Consent Decree, the off-site GMWs must comply with the NR 504.04 (4)(e) Wis. Adm. Code. This code requires methane explosive limits in the

soils outside the limits of filling within 200 feet of the landfill property boundary to not exceed 25% of the lower explosive limit (LEL) of methane (5.0%) or remain less than 1.25% methane by total volume. This regulation does not apply to any landfill structures such as the gas control or recovery system components. If methane exceeds 25% of the LEL, or 1.25% methane, additional remedial action will be taken to prevent migration of LFG including pumping leachate from all areas within the landfill where leachate depths exceed 2 feet, if WDNR determines that this measure is necessary.

If methane is detected above the methane LEL in any of the off-site GMWs, then additional monitoring is completed (per WAC, NR 507.22 (1)), the WDNR is notified through quarterly reports, data is reported and uploaded to the GEMs database, and all necessary steps are taken to protect public health. Additional monitoring is completed at GMW-5S, 5M, 5D, 8M and 8D as these vent locations were noted in the past to be second-most sensitive to off-site methane migration.

Possible contributing factors for exceeding methane concentrations include the blower down periods and deep frost conditions reducing proper gas ventilation of the GEWs.

3.3.4.2 Gas Monitoring Well Maintenance

Anticipated maintenance in 2022 includes repairing the protective casings on GMW-1A and GMW-1B as they have sunk into the ground and replacing a few locks.

3.3.5 Residential Methane/LEL Detectors

Four residences near the landfill (888, 890, and 898 East Highway 12 and 902 Alexander Road) are equipped with methane meters to monitor potential LFG intrusion. Given the landfill's overall compliance regarding gas migration, these meters are not monitored by Cedar Corporation; however, monitoring will resume if stabilized methane concentrations become detectable above the LEL of methane at the off-site GMWs. The residents now check their own meter and are responsible for reporting results and equipment problems to Cedar Corporation. No reports have been received to date.

3.4 Groundwater Monitoring Wells

3.4.1 Groundwater Monitoring Well Operations

Before well purging and sampling, water level measurements are collected using an electronic depth to water meter to the nearest 0.01 foot. The values are recorded and are summarized in Table 10. Local groundwater flow direction is calculated on an annual basis and the most recent groundwater elevations have been compared to previous data; little to no change has occurred. The groundwater elevation contour map provided in Figure 2 has been updated to reflect the groundwater elevations measured in 2021. Groundwater flow has been historically

observed to be westerly in the vicinity of the landfill. With the addition of several new monitoring wells down and/or side-gradient of the landfill in 2021, a more detailed groundwater flow map was able to be generated. Groundwater is still observed to be flowing primarily to the west, with a slight northwest flow along the northern edge of the SWCDA and a southwest flow in the south and eastern portions of the SWCDA, especially near Yellowstone Road (see Figure 2). Vertical hydraulic gradient calculations completed for monitoring well nests within the Junker and/or Town of Warren TCE site monitoring well networks indicate vertical hydraulic gradients of groundwater flow to be primarily downward. The greatest downward vertical flow was observed in the new MW-33/P-32 well nest along Yellowstone Road, west/southwest of the landfill. A slight upward vertical gradient was observed in the MW-15 monitoring well nest directly downgradient of the landfill, near the western edge of the SWCDA, between MW-15A and MW-15B, between MW-15B and MW-15C, and also between MW-15A and MW-15C. Monitoring Well Logs/Construction Reports for the newly constructed monitoring well area included in Appendix D.

Collection of samples from the groundwater monitoring wells is completed by purging each well with a dedicated bailer, then collecting a sample with the bailer from which the laboratory sample is collected. Annual groundwater monitoring is performed at wells MW-3, MW-4, MW-6 through MW-15A, MW-15C, MW-16 and MW-16B, MW-17A and MW-17B, and MW-18A and MW-18B. MW-15B is sampled biennially and was sampled in 2021.

Groundwater samples were collected from the monitoring wells listed above from June 17-18, 2021. Water chemistry parameters of temperature, conductivity and pH are measured in the field and samples for laboratory analyses of general chemistry and VOC collected. Where required per WDNR sampling protocols for hardness and metals, in-field filtering of raw water is performed prior to sample collection. Samples collected from MW-3 and MW-13 are analyzed annually for SVOCS on an alternating basis (MW-13 was analyzed for SVOCs in 2021).

3.4.2 Groundwater Monitoring Well Monitoring

Groundwater samples were submitted to Eurofins TestAmerica Laboratories, Inc., University Park, IL (WDNR # 999580010). Field notes and laboratory analytical reports are presented in Appendix B.

Table H
2020 Groundwater Exceedances

MONITORING WELL	TCE (ppb)	PCE (ppb)	Methylene Chloride (ppb)
MW-3	1.5	-	-
MW-4	0.98	-	-
MW-6	-	-	2.5
MW-7	0.8	-	-
MW-8	-	-	2.4
MW-9	1.5	-	2.5
MW-10	1.9	0.79	2.6
MW-11	0.93	-	-
MW-13	6.8	-	-
MW-15A	0.64	-	-
MW-15B	1.4	-	
MW-15C	1.2	-	
MW-16B	-	-	10
MW-17A	-	-	13
MW-17B	-	-	15
MW-18A	-	-	15
MW-18B	1.9	-	14

Values in bold typeface exceed the respective ES
All other values exceed their respective PAL

Since the initial round of groundwater samples were collected at the site in 2012, TCE concentrations have decreased in MW-3, MW-4, MW-6, MW-7, MW-9, MW-14, and MW-15A. TCE concentrations have increased in MW-11, MW-13, and MW-15C. Monitoring wells with no historical TCE detections include MW-8, MW-12, and MW-16. MW-10 and MW-15B TCE concentrations remain relatively consistent.

Methylene Chloride was detected above the PAL and/or ES in several wells in 2021. Methylene Chloride has been sporadically detected in groundwater monitoring well samples collected at the site historically, but is largely considered a lab contaminant and not considered an impact related to the landfill. All other compound levels are within historical range and are summarized in Table 11. The PAL/ES exceedances for 2021 are summarized in Table H.

3.4.3 Groundwater Monitoring Well Maintenance

An evaluation of the current monitoring well network was completed in 2021.

Construction and sampling of an additional five monitoring wells downgradient of the landfill was completed in 2021 to further characterize groundwater flow and contaminant transport in the vicinity of the landfill (MW-16B, MW-17A,

MW-17B, MW-18A, and MW-18B). See Appendix D for monitoring well logs/construction reports.

3.5 Off-Site Private Water Supply Wells

3.5.1 Private Water Supply Well Operations

Private water supply wells within the Junker Landfill portion of the SWCDA must comply to the requirements of NR 812.10(5), NR 812.12(3) and NR 812.12(5) Wis. Adm. Code, which requires the well to be drilled to depth requirements established by the WDNR or install a POE GAC filter system. WDNR approvals to install POE GAC filter systems are provided in Appendix D. Unless the well owner declines compliance, the process of installing a new well is completed by the process described below:

1. Cedar Corporation is notified by the WDNR when a new well is approved for construction within the Junker portion of the SWCDA.
2. After the well, power, and plumbing are installed, the well driller collects a water sample and sends the sample to a certified laboratory for VOC analysis. The well driller provides the analytical results to the property owner(s), WDNR, and Cedar Corporation.
3. POE GAC filter installation and sampling schedule is determined based on the initial water sample analytical results. If the analytical results report no detected VOCs, the well is scheduled for annual sampling; if VOCs are detected at or above the ES the following steps apply:
4. Until the POE GAC filter systems are installed, the residences receive bottled water if occupied and requested.
5. The owner is provided and signs agreements for POE GAC filter installation, GAC filter change-outs and post GAC change-out sampling.
6. The forms are sent to the WDNR for review and POE GAC filter installation approval.
7. Once approved, Culligan is notified and schedules the POE GAC filter installation.
8. After installation, the well water and filtered water are sampled to confirm the contaminant levels in groundwater and to ensure the drinking water is effectively treated.
9. The homeowner is notified, as is WDNR, of the analytical results.
10. To determine the GAC filter change-out schedule, the homeowner is contacted after one year of operation to calculate annual water

volume usage.

Starting in 1997, POE GAC filter systems were installed for most of the private water supply wells within the SWCDA. After POE GAC filters are installed in a home, the filter change-out schedules are determined and based on raw water sample analytical results and estimated annual water volume usage. The WDNR and Cedar Corporation concur on the appropriate treatment device to install based on this information as well. Once determined, Culligan is contacted and completes the POE GAC filter installation. As the treatment device is sensitive to the volume of water used, Cedar Corporation monitors water volume usage for each household. The water meter reading is recorded by Culligan and reported to Cedar Corporation. Information is documented and calculated in Table 12 to monitor and determine the GAC filter change-out frequency. Frequency ranges from semi-annually, annually, to once every two years.

For houses with POE GAC already installed, GAC filter change-outs and private water supply water sampling are completed by following the steps listed below:

1. When GAC filter changes are due, Culligan notifies the consumer (typically the well owner) in writing to contact them to schedule a filter change-out. This request may or may not be accepted by the consumer. If not, Culligan will attempt to re-notify the consumer, though not continually.
2. If the consumer contacts Culligan, a filter change is scheduled.
3. Culligan notifies Cedar Corporation of the change-out (usually by noting the consumer address on a monthly invoice reviewed by Cedar Corporation).
4. Cedar Corporation mails a letter to the consumer requesting property access to collect a water sample(s).
5. If the consumer contacts Cedar Corporation in response to the post filter change-out sampling letter, based on previous TCE concentrations, influent and/or effluent samples are collected and analyzed.
6. If the consumer does not respond to the request to sample, then there is no follow-up sample for that filter change-out.
7. If samples were collected, the analysis is reported to the consumer. VOC laboratory analytical reports and private water supply well analysis letters are included in Appendix C.

GAC filter change-out schedules are specific to each private water supply location. The schedule is based upon water usage and VOC concentrations in the groundwater specific to each household and private water supply well. Some residential locations require GAC filter change-outs semiannually which in return require more frequent sampling, up to twice per year. In 2019, the post GAC filter change-out sampling protocol had been modified per the WDNR. If the GACs have been changed-out according to the location-specific schedule, TCE and PCE compounds are filtered out as expected. WDNR also revised the sampling

requirements, as follows: if current TCE concentrations are less than 2 ug/L, a sample is collected from the influent and for every third GAC filter change-out both an influent and effluent sample is collected; if current TCE concentrations are equal to or greater than 2 ug/L, influent and effluent samples are collected.

An effort was made in August 2020 to contact private water supply owners in the SWCDA in the attempt to notify the residents of the ongoing sampling requirements to ensure drinking water quality meets the State of Wisconsin safe drinking water standards. Letters were sent to private water supply owners that had not responded to previous sampling requests. Forty-two letters were sent out to private water supply owners. Cedar Corporation received several responses to the letters throughout the year and in return collected more than the average amount of samples in 2020.

In November 2020 and January 2021, 34 letters were sent out to residents located outside the SWCDA requesting to sample the private water supply. The request for sampling letters were sent out to residents generally located north of the Junker Landfill SWCDA, along Scott Road, Packer Drive, Todd Lane, Starlight Avenue, Tanney Lane, and Labarge Road and to some residents south of the Junker Landfill SWCDA along Trail 12, Gavin Pass, and Young Road. Residential drinking water sampling has continued as described above through 2021.

In 2021, the SWCDA boundary for the Junker Landfill, Nor Lake Facility, and Town of Warren TCE site was modified by WDNR, using private well analytical sampling results collected since the SWCDA was initially put in place in the early 1990s. A letter was sent to residences which were no longer located within the SWCDA indicating that GAC filter systems at these residences is no longer necessary and the LRT would no longer be responsible for the maintenance of the GAC filter systems. Property owners were provided the option of maintaining the GAC filter systems on their own. These residences are no longer sampled on a regular basis. In addition, several residents were contacted indicating that, though their homes are located within the SWCDA, historic sampling of those wells indicated that GAC filter systems were no longer necessary, and the LRT would no longer be responsible for maintenance of the GAC systems or regular water sampling. A total of 72 POE GAC filter systems were determined unnecessary by the end of 2021.

There are 258 POE GAC filter systems in operation at the end of 2021, four of which are outside the SWCDA. A system includes two GAC units. The GAC filter systems consist of 239 JL-100 locations and 19 JL-300 locations. One new GAC filter system was approved in 2021 (942 Alexander Road). A GAC filter system has been utilized at this property since 1997. However, a new home was constructed on the property in 2021 and a new GAC filter system was needed. The Point-of-Entry GAC Filter Installation Approval is included in Appendix D.

Twenty private water supply wells within the formerly-defined SWCDA are without POE GAC filter systems and have been sampled annually. The addresses of these wells can be found in Table 12, and include 900 Chippewa Path, 906 Chippewa Path, 914 Chippewa Path, 905 Crane Hill Trail (community well for Crane Hill of Hudson, formerly known as community well at 965 Alexander Road), 912 Gavin Pass, 913 Gavin Pass, 917 Gavin Pass, 605 Grange Road, 892 E.

Highway 12, 888 Hillside Trail, 760 Jack Avenue, 764 Jack Avenue, 770 Jack Avenue, 771 Jack Avenue, 774 Jack Avenue, 775 Jack Avenue, 840 McCutcheon Road, 963 Prairie View Circle, 993 Scott Road, 816 Yellowstone Trail, and 879 Yellowstone Trail. Following the modification of the SWCDA boundary in 2021, three of the above-referenced address still remain with in the SWCDA: 892 E Highway 12, 888 Hillside Trail, and 879 Yellowstone Trail. The other 17 wells which are no longer located within the SWCDA will no longer be subject to annual sampling by the LRT starting in 2022.

3.5.2 Private Water Supply Well Monitoring

Variances can be obtained from WDNR to install potable wells within the Junker Landfill SWCDA, on a case by case basis. Two variances were granted in 2021 (866 Hartman Circle and 962 Prairie View Circle). Requests to sample these wells were sent in March 2022. The well logs for the two variances granted in 2021, as well as two variances approved in 2020 but installed in 2021 are included in Appendix D. Variance approvals and sampling request letters are included in Appendix D. In order to install a well within the Junker Landfill SWCDA, property owners must abide by SWCDA requirements.

Culligan performed approximately 145 filter change-outs in 2021. The total number of filter change-outs (145) differ from the total number of private water supply wells sampled (110) in 2021 because filter change-outs performed at the end of 2021 did not get sampled until beginning of 2022, and some residents do not respond to Cedar Corporation's request to complete sampling following the filter change-out. In addition, some private water supply wells are on different change-out schedules and may be changed up to twice per year, 20 private water supply wells do not have POE GACs installed and have historically required annual sampling, and several private water supply wells located outside of the SWCDA were sampled as part of an additional investigation. A summary of the analytical results for samples collected and analyzed in 2021 are provided in Table 12 and full analytical reports are presented electronically on the enclosed CD-ROM in Appendix D.

The 2021 water analyses for VOCs indicated TCE detects above the ES in the influent water samples at the following addresses:

- * 884 Young Road (5.2 µg/L)
- * 896 Young Road (6.4 µg/L)

TCE was detected between the PAL and ES in the influent water samples at the following addresses:

- * Alexander Road 930, 942
- * Bakken Road 954, 961, 962, 970
- * Dove Court 813, 814, 815, 816
- * Florence Lane 921, 936, 949, 952, 967, 970,
- * Fraser Lane 930, 935, 960

*	Hillside Trail	814, 820, 844, 851, 860, 865, 887
*	Holden Lane	790
*	Kingsway Road	877
*	LaBarge Road	962, 970, 987
*	McCutcheon Road	696, 758, 767, 775, 805
*	Paul Burch Drive	704
*	Pine Timber Lane	693, 698
*	Sadie's Lane	925, 937, 941, 946
*	Young Road	887

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Other VOCs detected in the effluent water samples collected in 2021 include tetrachloroethylene, toluene, trichloroethylene, acetone, chloroform, methylene chloride, and trichlorofluoromethane. Some of these detections were a result of lab contamination or the surrounding environment such as new construction. These compounds were detected at concentrations below their respective PALs and are not believed to be related to the Junker Landfill.

3.6 Landfill Cap

3.6.1 Landfill Cap History

In 2013, a large depression had formed in the portion of the landfill cap adjacent to Alexander Road and was noted to be saturated all year round. This area was filled and the landfill cap was reshaped in this area to improve stormwater drainage off the cap. This improvement reduces the amount of moisture that can infiltrate the waste mass, further limiting the overall volume of leachate being generated. In addition, the north fence was replaced, and other areas of the fencing system were improved with chain link fencing.

Observed in 2016, continued landfill waste decomposition has resulted in uneven cap settling. These depressions were filled and restored over late summer and early fall 2016 (Figure 3).

During the summers of 2017 and 2020, the gravel roads and pathways accessing the landfill and the maintenance building washed out due to heavy rainfalls. These areas were refilled with dirt and gravel.

3.6.2 Landfill Cap Maintenance

Mowing of the landfill surface and the ditch on the southeast side of Alexander Road occurred twice in 2022: once in June and once in September. The path leading up and over the cap has been overgrown with grass. Recommendations include laying a new gravel path over the old one.

Subsidence of the landfill cap continues to occur. These include areas on the northeast slope which continue to be monitored.

5.0 Conclusions and Recommendations

The waste mass in the landfill continues to produce methane volumes within historical ranges, and leachate recovery and removal has increased over the years. Ongoing landfill maintenance and operations are important to maintain removal of the landfill byproducts.

Down gradient detections of VOCs in untreated groundwater have been reduced to less than ES concentrations through the remedial actions at the landfill (i.e.: gas recovery, leachate recovery and landfill capping). In 2021, the only sampled private water supply wells with detections of TCE greater than the ES in the influent were at 884 and 896 Young Road; the TCE concentrations at these private water supply wells have been consistent with previous years. Since the late 1990's, TCE concentrations in private water supply wells have significantly decreased due to the ongoing corrective actions, maintenance and equipment improvements. Recent results show TCE concentrations have either remained steady or are slowly decreasing within the past three years.

At the end of 2021, a total of 258 private water supply wells in the SWCDA continue to be provided Culligan GAC water treatment units by the LRT. Post-filter sampling and analytical results continue to show the effectiveness of the GACs by removing groundwater contaminants from the drinking water.

Cedar Corporation has continued to work cooperatively with the Trustee and WDNR to evaluate landfill conditions through 2021 as well as provide routine maintenance of the landfill on a weekly basis. The landfill remediation systems are complicated, interrelated, and require continued professional assessment, monitoring, maintenance, repairs, and upgrades. A summary of landfill and equipment repairs completed in 2021 is listed below.

1. Ongoing maintenance include mowing of the cap, removal of woody vegetation, and marking of the monitoring points with highly visible paint (performed annually).
2. Installation of the Omni Beacon telemetry system to send real-time blower system notifications to users (i.e.: to indicate system down).
3. Upgrade/simplification of control panels and removal of the flare panel.
4. Repair/restabilizing of GEW steel protection boxes.
5. Replacement of insulation on discharge piping.
6. Resurvey of MW-16 top of PVC casing.
7. Replacement of the leachate assist blower.

Future recommended repairs and upgrades to maintain the operation of the landfill and to ensure environmental and human health protection include the following:

1. Replace additional locks and paint several monitoring wells.

2. Attempt to fix or abandon MW-3.
3. Replace the leachate tank float assembly and evaluate the overall integrity of the leachate tank.
4. Replace several GEW gate valves and fittings
5. Repair depth-to-leachate port in GEW-19

6.0 Standard of Care

The information contained in this report was collected in accordance with generally accepted professional engineering practices at this time and location. No warranty is implied or intended.

Figures

Figure 1 – Site Location

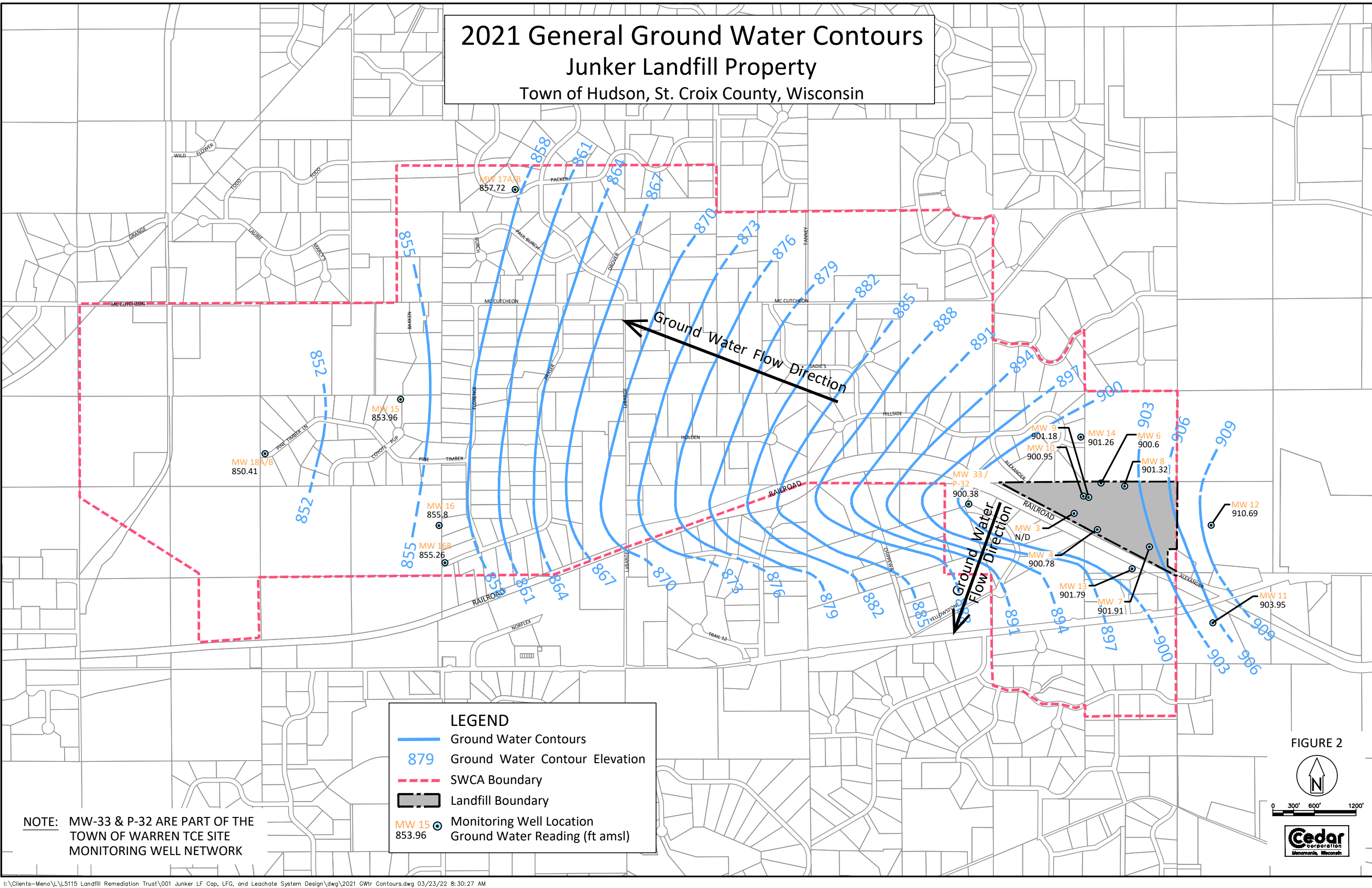
Figure 2 – 2021 General Groundwater Elevation Contours

Figure 3 – 2016 Landfill Subsidence Repair Area

2021 General Ground Water Contours

Junker Landfill Property

Town of Hudson, St. Croix County, Wisconsin



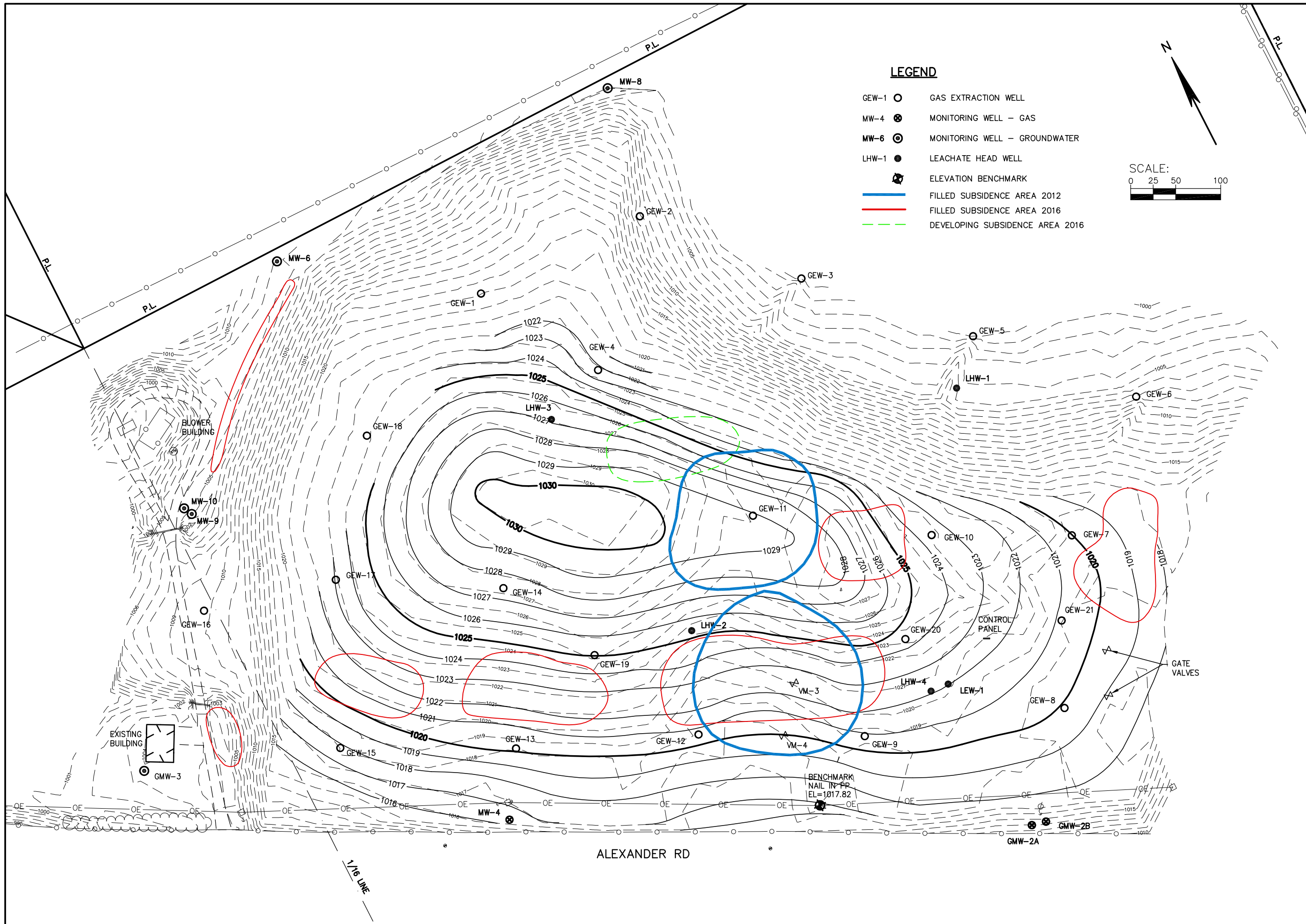
LEGEND

- Ground Water Contours
- 879 Ground Water Contour Elevation
- - - SWCA Boundary
- Landfill Boundary
- MW 15
853.96 Monitoring Well Location
- Ground Water Reading (ft amsl)

NOTE: MW-33 & P-32 ARE PART OF THE TOWN OF WARREN TCE SITE MONITORING WELL NETWORK

FIGURE 2

I:\Clients-Memo\15115 Landfill Remediation Trust\001 Junker LF Cap, LFG, and Leachate System Design\dwg\Figure 3 SEM (2016).dwg 01/16/17 11:13:04 PM



LEGEND

- GEW-1 ○ GAS EXTRACTION WELL
- MW-4 ⊗ MONITORING WELL - GAS
- MW-6 ⊙ MONITORING WELL - GROUNDWATER
- LHW-1 ● LEACHATE HEAD WELL
- ▲ ELEVATION BENCHMARK
- FILLED SUBSIDENCE AREA 2012
- FILLED SUBSIDENCE AREA 2016
- - - DEVELOPING SUBSIDENCE AREA 2016



JOB NO.	L15115-0001
BOOK NO.	ST CROIX CO #5
DRAWN BY	KAT
CHECKED BY	SEM
DATE	FEB 2013
REVISIONS	
REFERENCE FILE	00base_*.dwg
DRAWING FILE	Figure 5 SEM (2016).dwg

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 SITE CONDITIONS - NOVEMBER 2012

Figure
3

Tables

Table 1 - Leachate Head Monitoring

Table 2 - Weekly Leachate/Condensate Inventory

Table 3.a. - Summary of Leachate/Condensate Analytical Results

Table 3.b. - Summary of Leachate/Condensate SVOC Analytical Results

Table 4 - System Monitoring

Table 5.a - Extracted Methane Volumes

Table 5.b - Extracted Non-Methane Volumes

Table 6 – Extracted Gas Analytical Results

Table 7 - Gas Extraction Well Head Monitoring

Table 8 - Summary of Gas Extraction Well Adjustments

Table 9 - Gas Probe Monitoring

Table 10 - Groundwater Elevations

Table 11 - Summary of Groundwater Analytical Results

Table 12 - Summary of Private Well Analytical Results Within the SWCDA

Table 13 - Summary of Private Well Analytical Results Outside the SWCDA

TABLE 1
LEACHATE HEAD THICKNESS MONITORING
Junker Sanitary Landfill FID #656026800

DNR ID	101	102	103	104	110	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	717	718	719	720	721
DATE	LHW-1	LHW-2	LHW-3	LHW-4	LEW-1	GEW-1	GEW-2	GEW-3	GEW-4	GEW-5	GEW-6	GEW-7	GEW-8	GEW-9	GEW-10	GEW-11	GEW-12	GEW-13	GEW-14	GEW-15	GEW-17	GEW-18	GEW-19	GEW-20	GEW-21
1/10/2012	11.09	3.17	dry	4.45	19.34	2.16	0.25	5.63	0.5	0.62	1.3	14.54	13.32	7	7.51	9.06	2.21	1.61	0.34	0.34	0.37	0.38	2.22	2.4	26.59
2/17/2012					18.2							14.68	13.36	7.23	7.47										
3/23/2012	1.54	dry	dry	3.45	36.88	11.23	0.25	4.95	0.2	0.39	1.01	14.66	13.02	6.08	7.46	4.6	1.71	1.54	0.19	0.2	0.36	0.11	2.19	2.11	23.65
4/18/2012					33.28							17.11	11.77	dry	15.28									1.71	
5/29/2012					17.38							14.76	12.27	6.98	8.98										
6/25/2012	10.54	2.57	dry	1.35	11.68	2.02	dry	4.6	0.2	0.29	1.16	dry	12.47	6.48	6.88	4.55	Not sampled	Not sampled	0.14	dry	0.12	0.16	dry	1.91	21.8
7/18/2012					12.38							14.26	12.91	6.88	7.08										
8/7/2012					14.68							14.71	10.67	3.78	7.03										
9/10/2012	17.64	3.01	dry	2.95	14.73	1.93	dry	1.75	0.22	0.29	0.81	14.14	9.62	3.58	12.98	0.1	dry	dry	0.19	dry	0.15	0.1	No sampling port	2.55	24.2
10/1/2012					14.78							13.46	10.52	3.58	7.78										
11/13/2012	17.69	3	dry	2.55	13.08	1.87	dry	3.9	0.22	0.29	1.16	13.26	8.86	2.93	9.68	dry	0.28	dry	0.19	dry	0.18	0.02	No sampling port	2.21	23.08
12/19/2012	21.54	2.99	dry	3.44	16.78	5.23	dry	5.72	0.24	0.37	1.16	14.38	9.05	2.94	9.88	1	2.41	dry	0.21	dry	0.12	0.01	No sampling port	2.68	23.54
1/15/2013					16.06							12.96	8.85	2.98	13.98										
2/12/2013					17.26							13.92	8.92	3.03	8.53										
3/28/2013	12.86	2.65	dry	2.75	16.88	4.99	0.15	5.78	0.28	0.31	1.21	13.2	9.29	2.74	9.18	0.54	0.21	dry	0.09	dry	0.19	0.2	No sampling port	5.49	21.61
4/29/2013					16.72							15.35	8.69	3.22	9.68										
5/13/2013					16.8							15.56	8.66	3.29	9.68										
6/18/2013	10.36	2.33	dry	3.5	18.86	2.13	dry	5.64	0.3	0.11	2.15	16.4	9.31	3.55	9.13	10.88	0.39	dry	0.2	dry	dry	dry	4.93	4.56	23.06
7/17/2013					18.53							15.71	10.09	3.84	7.83										
8/13/2013					16.58							15.14	9.85	3.66	6.8										
9/11/2013	10.74	2.47	dry	3.59	19.46	1.98	dry	5.6	0.22	0.37	1.66	15.26	10.05	3.55	10.4	1.28	dry	dry	0.21	dry	dry	0.18	1.21	3.89	23.1
10/8/2013					14.84							15.16	9.95	3.48	8.82										
11/19/2013					17.78							14.26	9.59	3.2	8.72										
12/18/2013	12.28	2.58	dry	4.18	16.44	2.38	dry	5.64	0.26	0.47	1.33	15.24	9.75	3.54	8.24	11.02	0.61	dry	0.22	dry	dry	dry	0.03	4.25	22.96
1/15/2014					20.18							14.41	9.91	3.38	8.18										
2/18/2014					22.13							15.22	9.29	3.63	7.48										
3/11/2014	12.39	2.51	dry	3.99	21.48	2.05	dry	5.64	0.13	0.53	1.41	14.7	9.47	3.36	7.56	12.82	0.78	0.27	0.25	dry	0.2	0.16	dry	4.26	21.8
4/22/2014					22.18							13.48	9.39	3.46	7.42										
5/14/2014					16.42							15.08	8.89	3.22	6.7										
6/16/2014	12.29	2.43	dry	3.8	19.93	1.93	dry	5.68	1.65	0.43	1.81	18.64	10.37	3.56	11.58	10.05	2.45	0.05	0.15	dry	dry	dry	3.26	5.51	25.44
7/15/2014					17.23							21.5	10.73	3.63	7.53										
8/5/2014					20.88							18.76	10.7	3.6	7.08										
9/19/2014	12.39	2.37	dry	3.67	16.16	1.94	dry	5.76	1.01	dry	1.8	19.52	11.05	3.63	9.33	9.73	2.12	dry	0.24	dry	dry	dry	3.27	5.39	24.95
10/9/2014					11.08							16.9	9.92	3.1	7.24										23.7
11/25/2014					10.15							16.74	10.01	3.08	7.48										
12/12/2014	2.59	3.07	dry	4.15	8.25	2.05	dry	5.68	0.25	0.59	1.67	6.42	3.55	3.2	2.62	9.06	4.38	0.63	0.33	dry	dry	0.18	0.41	5.41	7.94
1/19/2015					13.38							3.01	0.08	3.13	2.49										0.97
2/24/2015					12.78							2.46	6.63	3.42	2.48										0.9
3/20/2015	7.98	2.43	dry	3.77	16.52	2.05	dry	5.62	0.22	0.57	2.37	2.66	0.55	2.9	2.44	0.42	0.69	1.07	0.31	dry	dry	0.16	0.03	5.21	0.96
4/7/2015					16.98							2.77	dry	3.1	2.52										1.28
5/5/2015					16.08							2.58	dry	2.74	2.42										0.34
6/16/2015	8.34	2.43	dry	2.41	13.33	1.37	dry	5.64	dry	0.31	2.49	9.44	8.55	2.84	12.88	0.15	3.87	1.6	0.37	dry	0.19	0.24	2.15	4.91	16.98
7/15/2015					13.52							12.06	7.95	3.03	12.88										6.47
8/4/2015					10.88							13.09	10.02	3.28	2.4										16.82
9/16/2015	11.64	2.48	dry	3.63	13.53	2.23	dry	5.61	0.28	0.27	2.36	13.44	9.9	3.32	6.08	0.75	0.81	0.84	0.39	dry	dry	dry	2.21	5.25	18.3
10/15/2015					12.51							14.31	10.04	3.4	6.28										17.77
11/6/2015					12.08							14.88	10.21	3.34	6.48										18.32
12/21/2015	12.14	3.35	dry	4.05	13.54	2.37	dry	5.7	0.33	0.53	3.05	18.88	10.93	3.7	6.93	0.68	4.96	2.94	0.41	0.1	dry	0.27	4.97	5.56	24.74
1/7/2016					12.84							18.54	11.37	3.92	7.44										25.16
2/1/2016					18.52							17.8	11.21	3.76	7.02										23.98
3/17/2016	12.62	3.53	dry	4.03	19.7	2.49	dry	5.71	0.62	0.93	3.41	11.53	3.92	4.58	2.67	0.98	2.4	2.62	0.38	0.07	dry	dry	5.89	5.59	7.16
4/4/2016					17.88							11.96	5.32	3.94	2.9										14.32
5/12/2016					20.58							3.23	4.41	4.63	2.73										4.58

TABLE 1
LEACHATE HEAD THICKNESS MONITORING
Junker Sanitary Landfill FID #656026800

DNR ID	101	102	103	104	110	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	717	718	719	720	721
DATE	LHW-1	LHW-2	LHW-3	LHW-4	LEW-1	GEW-1	GEW-2	GEW-3	GEW-4	GEW-5	GEW-6	GEW-7	GEW-8	GEW-9	GEW-10	GEW-11	GEW-12	GEW-13	GEW-14	GEW-15	GEW-17	GEW-18	GEW-19	GEW-20	GEW-21
6/15/2016	12.72	42.03	0.01	3.65	21.14	7.55	dry	9.3	0.72	1.04	3.02	3.08	3.89	4.44	2.88	8.3	4.7	1.29	0.43	0.04	dry	0.2	3.45	5.63	3.56
7/21/2016					21.33							8.51	3.07	4.28	2.88										1.88
8/9/2016					22.23							3.72	3.83	4.28	2.78										3.4
9/20/2016	13.64	42.85	dry	3.87	20.68	8.05	dry	5.72	0.68	0.74	4.02	11.32	8.45	4.08	4.98	13.2	5.21	2.45	0.39	0.04	dry	0.22	4.59	5.51	13.45
11/9/2016					33.78							25.66	13.27	3.98	13.08										18.3
12/1/2016	14.68	40.28	0.05	12.15	21.14	7.87	0.33	5.7	0.38	dry	2.89	18	10.79	3.78	5.18	11.66	5.41	2.87	0.33	0.06	0.22	0.24	-	5.43	20.23
1/3/2017					28.95							15.66	dry	2.48	12.27										22.2
2/13/2017					18.8							2.8	3.67	3.72	25.04										19.96
3/28/2017	19.54	40.03	dry	5.01	23.08	3.05	0.3	5.72	3.27	0.69	4.56	-	dry	4.24	-	21.32	30.57	8.14	0.37	dry	dry	0.2	5.99	4.91	12.7
4/11/2017					23.06							-	dry	3.5	-										27.43
5/8/2017					-							-	-	-	-										-
6/5/2017	16.15	4.18	dry	5.31	23.9	3.62	0.4	5.98	1.51	1.7	4.68	4.29	0.77	4.43	dry	2.2	dry	3.62	0.64	dry	0.28	0.52	4.64	5.59	26.85
7/21/2017					25.33							-	0.2	4.48	7.18										22.95
8/15/2017					26.67							-	dry	4.64	7.67										22.05
9/6/2017	13.34	37.33	dry	5.05	26.1	3.38	dry	dry	0.6	0.62	3.35	-	dry	4.29	6.94	1.12	dry	2.67	0.27	dry	dry	0.55	3.11	5.39	21.7
10/9/2017					23.06							-	dry	3.82	7.45										21.09
11/2/2017					36.44							9.84	0.52	3.96	12.48										-
12/1/2017					31.06							12.64	0.03	3.83	10.38										-
12/19/2017	13.99	3.92	dry	4.7		3.26	dry	5.81	0.52	0.68	4.79					1.55	22.31	1.94	0.51	dry	0.26	0.27	-	5.56	20.81
1/8/2018					33.18							-	32.77	3.03	16.07										22.5
2/15/2018					36.72							40.36	-	3.18	12.56										46.7
3/14/2018	20.16	38.81	dry	29.23	34.02	45.83	dry	dry	21.9	0.44	3.27	-	dry	3.42	37.28	24.35	dry	15.71	0.25	dry	0.26	0.36	-	5.12	47.3
4/12/2018					22.53							5.8	dry	3.48	2.48										32.7
5/10/2018					36.44							-	31.42	3.2	10.08										39.76
6/19/2018	22.56	43.57	dry	28.8	35.57	38.27	dry	5.9	5.72	0.42	dry	55.86	14.49	3.24	37.09	28.1	dry	10.87	0.83	dry	0.34	0.28	2.05	33.59	46.52
7/10/2018					35.03								19.44	3.11	41.68										43
8/14/2018					27.09							-	-	3.28	dry										29.46
9/24/2018	25.06	43.38	0.08	30	30.78	7.03	dry	6.79	1.82	0.64	dry	-	-	4.02	38.98	24.46	dry	8.39	0.64	dry	dry	0.07	3.03	31.72	60.2
10/15/2018					35.43							-	-	4.53	28.36										60.3
11/13/2018					34.78							-	36.77	3.68	-										43
12/28/2018	23.34	43.93	Frozen	29.65	Frozen	29.13	0.35	17.3	21.75	Frozen	4.71	-	3.47	4.58	43.98	29.7	30.51	dry	0.51	dry	Frozen	Frozen	2.79	16.41	46.2
1/7/2019					Frozen							-	5.17	4.58	44.18										46.8
2/13/2019					Frozen							55.56	Frozen	1.88	57.28										51.2
3/20/2019	12.64	38.83	dry	4.45	19.68	3.03	dry	5.1	1.5	dry	dry	0.66	-	2.08	dry	4.5	dry	1.89	dry	dry	dry	dry	dry	4.31	25.7
4/8/2019					35.8							48.98	4.69	3.56	41.78										43.37
5/14/2019					19.78							28.76	22.82	3.68	14.28										29.48
6/18/2019	20.64	dry	dry	3.85	25.08	7.13	dry	7.52	0.7	dry	4.01	21.76	10.52	3.58	6.48	1.7	dry	dry	dry	dry	0.12	0.36	dry	4.71	29.2
7/24/2019					34.23							42.9	30.71	3.42	44.46										48.9
8/14/2019					35							43.21	-	3.28	12.68										19.28
9/20/2019	19.81	43.95	7.99	28.45	29.46	15.93	dry	8.55	2.31	1.59	4.91	43.26	10.7	5.89	-	13.16	30.46	23.93	0.69	dry	0.27	1.95	10.34	21.01	11.9
10/18/2019					33.9							32.07	-	3.76	-										46.3
11/22/2019					32.86							0.15	5.17	4.1	-										9.86
12/4/2019	22.54	41.88	dry	27.55	32.38	21.23	dry	9.5	22.5	dry	4.46	40.86	-	3.48	36.48	9.36	29.51	14.44	0.39	0.15	0.34	0.37	-	16.61	45.85
1/7/2020					Frozen							14.76	2.77	3.18	-										45.4
2/25/2020					23.78							13.86	-	3.08	2.58										7.4
3/17/2020	19.44	43.13	dry	28.05	35.28	3.71	dry	7.1	0.8	0.39	4.81	41.46	-	3.08	31.98	11.1	29.81	16.69	dry	dry	dry	dry	-	5.41	38.1
4/21/2020					29.38							dry	-	3.58	11.38										29.2
5/28/2020					19.48							-	2.77	2.48	dry										-
6/5/2020	29.32	41.18	0.08	28.55	49.48	10.33	0.37	15.31	0.95	0.44	dry	45.76	12.07	4.03	12.1	3.5	30.31	20.09	0.54	dry	0.22	0.56	-	5.53	55.7
7/28/2020					35.47							-	-	4.03	18.68										47.2
8/11/2020					34.96							-	-	2.89	dry										48.26
9/29/2020	18.94	51.93	53.83	dry	38.28	5.73	dry	7	6.7	0.29	7.91	-	-	3.38	-	4.4	30.11	21.29	0.79	dry	dry	dry	3.19	5.21	48.6
10/6/2020					36.33							-	-	3.66	31.86										62.3

TABLE 1
LEACHATE HEAD THICKNESS MONITORING

Junker Sanitary Landfill FID #656026800

DNR ID 101 102 103 104 110 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 717 718 719 720 721

DATE	LHW-1	LHW-2	LHW-3	LHW-4	LEW-1	GEW-1	GEW-2	GEW-3	GEW-4	GEW-5	GEW-6	GEW-7	GEW-8	GEW-9	GEW-10	GEW-11	GEW-12	GEW-13	GEW-14	GEW-15	GEW-17	GEW-18	GEW-19	GEW-20	GEW-21	
11/5/2020					27.28							9.26	10.17	2.08	0.28											27.1
12/10/2020	27.94	4.73	0.33	26.85	33.58	14.43	dry	10	5.3	dry	4.11	31.86	-	3.28	40.98	5.3	6.41	4.69	0.29	0.1	dry	dry	-	4.31	3.2	
1/18/2021					-							-	-	3.08	-											38.7
2/2/2021					-							-	12.77	2.78	-											45.2
3/19/2021	23.44	42.93	dry	25.96	30.43	18.41	dry	6.25	19.2	0.19	3.71	14.62	-	2.63	42.88	9.8	30.61	22.29	0.79	dry	dry	dry	-	4.86	29.35	
4/13/2021					32.18								-	dry												28.2
5/19/2021					57.23								-	4.08												61.5
6/16/2021	27.88	43.53	dry	25.95	57.18	-	dry	8.15	28.6	0.59	4.71	43.84	-	dry	41.34	35.4	30.81	22.15	0.93	dry	0.52	0.66	-	5.59	48.3	
7/8/2021					26.19								-	3.95												61.35
8/10/2021					26.55									3.97												38.46
9/13/2021	15.04	40.83	0.58	26.4	29.78	-	dry	8.3	1.9	0.89	4.91	6.66	-	2.78	-	4.4	22.71	22.84	1.29	dry	0.67	0.56	-	5.36	41.6	
10/8/2021					24.98									3.98	-											7.2
11/9/2021					26.6									3.44	-											31
12/2/2021	6.73	41.23	0.33	27.04	21.84	-	dry	7.93	2.27	1.04	4.72	-	-	3.34	-	5.85	-	21.57	0.75	dry	0.51	dry	-	25.68	46.67	

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
1/6/2012	37	1741					
1/10/2012	37.5	1772	31	0	0		pumps off
1/16/2012	37.5	1772	0	0	0		
1/23/2012	37.5	1772	0	0	0.00		gal per day
2/2/2012	36	1680	-92	0	-9.20		gal per day
2/7/2012	37.5	1772	92	0	18.40		gal per day
2/17/2012	37.5	1772	0	0	0.00		gal per day
2/21/2012	37.5	1772	0	0	0.00		gal per day
2/27/2012	37.5	1772	0	0	0.00		gal per day
3/21/2012	46	2299	527	0	22.91		gal per day
3/27/2012	46	2299	0	0	0		pumps off
4/4/2012	46	2299	0	0	0		
4/11/2012	47	2361	62	0	8.86		gal per day
4/18/2012	52.5	2576	215	0	30.71		gal per day
4/25/2012	53.5	2772	196	0	28.00		gal per day
5/2/2012	61	3191	419	0	59.86		gal per day
5/9/2012	66.5	3483	292	0	41.71		gal per day
5/11/2012				3483			Tank pumped
5/16/2012	6.25	138					gal per day
5/25/2012	9.25	246	108	0	12.00		gal per day
5/29/2012	13.75	438	192	0	48.00		gal per day
6/5/2012	25.5	1052	614	0	87.71		gal per day (emptied 395 gallons after manually pumping GEW-21 [375 gal] and LEW-1 [20 gal] on June 1, 2012)
6/13/2012	25.5	1052	0	0	0.00		gal per day
6/22/2012	27	1139	87	0	9.67		gal per day
6/25/2012	27	1139	0	0	0.00		gal per day
7/3/2012	27	1139	0	0	0.00		gal per day
7/9/2012	27.25	1153	14	0	2.33		gal per day
7/19/2012	27.25	1153	0	0	0.00		gal per day
7/23/2012	28.5	1227	74		18.50		gal per day
7/30/2012	28.75	1241	14		2.00		gal per day
8/6/2012	28.75	1241	0		0.00		gal per day
8/15/2012	29	1256	15		1.67		gal per day
8/20/2012	29	1256	0				
8/27/2012	29.25	1271	15		2.14		
9/4/2012	29.25	1271					
9/10/2012	29.25	1271					
9/17/2012	29.25	1271					
9/25/2012	29.5	1286	15		1.88		
10/1/2012	29.5	1286					
10/18/2012	29.5	1286					

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
10/22/2012	29.5	1286					
10/31/2012	29.5	1286					
11/7/2012	29.5	1286					
11/13/2012	29.5	1286					
11/19/2012	29	1256	-30		-5.00		
11/27/2012	29	1256					
12/7/2012	29	1256					
12/12/2012	29	1256					
12/19/2012	29	1256					
12/27/2012	29	1256					
1/2/2013	28.75	1241	-15		-2.50		
1/8/2013	28.75	1241					
1/15/2013	28.5	1227	-14		-2.00		
1/23/2013	28.5	1227					
2/8/2013	28	1197	-30		-1.88		
2/12/2013	27.5	1168	-29		-7.25		
2/27/2013	27.5	1168	0		0.00		
3/7/2013	27.5	1168	0		0.00		
3/13/2013	30	1316	148		24.67		
3/28/2013	30.25	1330	14		0.93		
4/2/2013	46.5	2330	1000		200.00		
4/9/2013	55.25	2861	531		75.86		
4/18/2013	67	3508	647		71.89		
4/19/2013	0	0		4000			Tank pumped
4/22/2013	19.25	709	709		236.33		
4/29/2013	41	1989	1280		182.86		
5/8/2013	59	3078	1089		121.00		
5/13/2013	61	3191	113		22.60		
5/13/2013	0	0		3191			Tank pumped
5/22/2013	14.75	485	485		53.89		
5/29/2013	19.75	736	251		35.86		
6/6/2013	23	912	176		22.00		
6/13/2013	24	967	55		7.86		
6/18/2013	26	1081	114		22.80		
6/25/2013	43.75	2160	1079		154.14		
7/2/2013	46	2299	139		19.86		
7/8/2013	47	2361	62		10.33		
7/17/2013	46.75	2346	-15		-1.67		
7/26/2013	46.25	2315	-31		-3.44		
8/1/2013	46	2299	-16		-2.67		
8/8/2013	46.75	2346	47		6.71		
8/13/2013	46.5	2330	-16		-3.20		
8/19/2013	46.75	2346	16		2.67		
8/27/2013	46.5	2330	-16		-2.00		
9/3/2013	47	2361	31		4.43		

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
9/11/2013	47	2361	0		0.00		
9/17/2013	46.75	2346	-15		-2.50		
9/24/2013	47	2361	15		2.14		
10/2/2013	47.25	2376	15		1.88		
10/8/2013	47.25	2376	0		0.00		
10/15/2013	47.25	2376	0		0.00		
10/24/2013	47.75	2407	31		3.44		
10/28/2013	48	2423	16		4.00		
11/4/2013	48.25	2438	15		2.14		
11/11/2013	48.25	2438	0		0.00		
11/19/2013	48.75	2469	31		3.88		
11/25/2013	49.25	2499	30		5.00		
12/5/2013	49.75	2530	31		3.10		
12/13/2013	49.75	2530	0		0.00		
12/18/2013	50	2545	15		3.00		
12/27/2013	50.5	2576	31		3.44		
12/30/2013	50.75	2591	15		5.00		
1/7/2014	52	2667	76		9.50		10.11
1/15/2014	53	2727	60		7.50		
1/20/2014	54	2787	60		12.00		
1/29/2014	55.75	2890	103		11.44		
2/4/2014	56.75	2949	59		9.83		11.58
2/11/2014	58	3021	72		10.29		
2/18/2014	59.5	3107	86		12.29		
2/28/2014	62	3246	139		13.90		
3/5/2014	62	3246	0		0.00		10.26
3/11/2014	63.25	3314	68		11.33		
3/18/2014	0	0	0	4450	0.00		Tank pumped
3/25/2014	8.25	208	208		29.71		
4/1/2014	25	1024	816		116.57		60.29
4/8/2014	34.25	1572	548		78.29		
4/15/2014	36	1680	108		15.43		
4/22/2014	39.5	1896	216		30.86		
5/1/2014	67	3508	1612		179.11		108.47
5/8/2014	0	0	0	4400	0.00		Tank pumped
5/14/2014	27.5	1168	1168		194.67		
5/20/2014	38.5	1834	666		111.00		
5/27/2014	45	2237	403		57.57		
6/3/2014	57	2963	726		103.71		84.93
6/10/2014	59.5	3107	144		20.57		
6/10/2014	0	0	0	3107			Tank pumped
6/16/2014	13.5	426	426		71.00		
6/25/2014	34.75	1726	1300		144.44		
7/1/2014	41.5	2021	295		49.17		11.33
7/10/2014	42.25	2066	45		5.00		
7/15/2014	42.5	2082	16		3.20		

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
7/21/2014	42	2051	-31		-5.17		
7/28/2014	42.5	2082	31		4.43		
8/5/2014	43	2113	31		3.88		16.86
8/12/2014	42.75	2097	-16		-2.29		
8/13/2014	0	0		2606			Tank pumped
8/19/2014	14.25	461	461		65.86		
8/29/2014	14.25	461	0		0.00		
9/3/2014	14.5	473	12		2.40		1.90
9/13/2014	14	450	-23		-2.30		
9/19/2014	15	497	47		7.83		
9/24/2014	15	497	0		0.00		
10/1/2014	15.25	508	11		1.57		6.17
10/7/2014	15.25	508	0		0.00		
10/12/2014	16	545	37		7.40		
10/18/2014	16.25	557	12		2.00		
10/25/2014	19	696	139		19.86		
11/7/2014	21.75	843	147		11.31		14.41
11/21/2014	22.75	898	55		3.93		
11/25/2014	24.75	1010	112		28.00		
12/1/2014	27	1139	129		21.50		284.98
12/12/2014	27.5	1168	29		2.64		NEW PUMPS INSTALLED
12/18/2014	53.75	2772	1604	2772	267.33	1225	Tank pumped
12/23/2014		4000	4000	4000	800.00	1225	Tank pumped
12/23/2014	8	199	199		199.00		pumps off
12/30/2014	60	3135	2936	3135	419.43	1237	Tank pumped
1/2/2015	34.75	1603	1603		534.33	1266	colder weather
1/6/2015	62.5	3273	1670	3273	417.50	1293	Tank pumped
1/15/2015	68	3558	3558	3558	395.33	1384	Tank pumped
1/19/2015	45	2237	2237		559.25	1388	
1/23/2015	75	3743	1506	3743	376.50	1391	Tank pumped
1/30/2015	64	3354	3354	3354	479.14	1398	Tank pumped
2/6/2015	51	2606	2606		372.29	1404	Tank pumped
2/12/2015	52	2667	2667		444.50	1410	
2/16/2015	74	3827	1160	1160	116.00	1417	Tank pumped
2/24/2015	43	2113	2113	2113	264.13	1462	Tank pumped
3/4/2015	54.75	2831	2831	2831	353.88	1514	Tank pumped
3/13/2015	62	3246	3246	3246	360.67	1534	Tank pumped
3/20/2015	46.75	2346	2346	2346	335.14	1539	Tank pumped
3/27/2015	46.75	2346	2346	2346	335.14	1544	Tank pumped
4/1/2015	37.5	1772	1772	1772	354.40	1548	Tank pumped
4/7/2015	39.5	1896	1896	1896	316.00	1553	Tank pumped
4/16/2015	53.75	2772	2772	2772	308.00	1559	Tank pumped
4/23/2015	29	1256	1256	1256	179.43	1561	Tank pumped, Pumps off
4/29/2015	41.75	2036	2036	2036	339.33	1565	Tank pumped
5/8/2015		2700	2700	2700	300.00		Tank pumped
5/12/2015	30.25	1330	1330				

TABLE 2
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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
5/15/2015	41	1989	659				
5/18/2015				2000	200.00		Tank pumped
5/22/2015	6.5	146	146		36.50		
5/26/2015	9	236	90		22.50		
6/2/2015	13.25	415	179		25.57		
6/8/2015	18	645	230		38.33		
6/10/2015	30.75	1360	715		357.50		Cleared line; op pumps for 30 mi
6/16/2015	34	1557	197		32.83		
6/22/2015	39	1865	308		51.33		
6/30/2015	69	3606	1741		217.63		Tank pumped
7/8/2015	40.25	1943	1943		242.88		
7/14/2015	59.5	3107	1164		194.00		Tank pumped
7/21/2015	11	317	317		45.29		
7/27/2015	12	360	43		7.17		
8/4/2015	18	645	285		35.63		
8/11/2015	20	749	104		14.86		
8/21/2015	22	856	107		10.70		
8/25/2015	23	912	56		14.00		
9/3/2015	24	967	55		6.11		
9/9/2015	25.5	1052	85		14.17		
9/16/2015	26.75	1124	72		10.29		
9/24/2015	34	1557	433		54.13		
9/29/2015	34.25	1572	15		3.00		
10/9/2015	36	1680	108		10.80		
10/15/2015	37.25	1757	77		12.83		
10/22/2015	38	1803	46		6.57		
10/26/2015	39.75	1912	109		27.25		
11/3/2015	42	2051	139		17.38		
11/13/2015	54.75	2831	780		78.00		Tank pumped
11/20/2015	17	594	594		84.86		
11/23/2015	19.75	736	142		47.33		
12/3/2015	23.5	939	203		20.30		
12/11/2015	27	1139	200		25.00		
12/17/2015	43	2113	974		162.33		
12/21/2015	46	2299	186		46.50		Year End =
12/28/2015	50	2545	246		35.14		54491
1/4/2016	52.75	2712	167		23.86		
1/12/2016	55.5	2876	164		20.50		
1/19/2016	58.5	3050	174		24.86		
1/27/2016	60	3135	85		10.63		
2/1/2016	62.75	3287	152		30.40		
2/10/2016	66	3458	171	3458	19.00		Tank pumped
2/16/2016	7	163	163		27.17	1582	
2/22/2016	30	1316	1153		192.17	1582	
3/1/2016	48.5	2453	1137		142.13	1594	
3/4/2016		3974	1521	3974	507.00		Tank pumped

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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
3/7/2016	67.5	3533	3533	3533	1177.67	1624	Tank pumped
3/10/2016		2963	2963	2963	987.67		Tank pumped
3/14/2016		2978	2978	2978	744.50		Tank pumped
3/15/2016	27	1139	1139		1139.00	1702	
3/17/2016		3260	2121	3260	1060.50		Tank Pumped
3/21/2016		3406	3406	3406	851.50		Tank Pumped
3/22/2016	30	1316	1316		1316.00	1717	
3/24/2016		3135	1819	3135	909.50		Tank Pumped
3/28/2016	66	3458	3458	3458	864.50	1724	Tank Pumped
3/31/2016		3246	3246	3246	1082.00		Tank Pumped
4/4/2016	84	4102	4102	4102	1025.50	*1733	Tank Pumped
4/7/2016		3218	3218	3218	1072.67		Tank Pumped
4/11/2016	72.5	3764	3764	3764	941.00	10	Tank Pumped
4/14/2016	56	2905	2905	2905	968.33		Tank Pumped
4/18/2016	72.5	3764	3764	3764	941.00		Tank Pumped
4/21/2016	53.5	2757	2757	2757	919.00		Tank Pumped
4/25/2016	74	3827	3827	3827	956.75		Tank Pumped
4/26/2016	29	1256	1256		1256.00	146	
4/28/2016	53	2727	1471	2727	490.33		Tank Pumped
5/2/2016	63	3300	3300	3300	825.00	209	Tank Pumped
5/5/2016	52.25	2682	2682	2682	894.00		Tank Pumped
5/9/2016	64	3354	3354	3354	838.50	279	Tank Pumped
5/12/2016	49	2484	2484	2484	828.00		Tank Pumped
5/16/2016	60	3135	3135	3135	783.75		Tank Pumped
5/17/2016	23.5	939	939		939.00	357	
5/19/2016	44	2175	1236	2175	618.00		Tank Pumped
5/23/2016	57	2963	2963	2963	740.75		Tank Pumped
5/24/2016	28	1197	1197		1197.00	427	
5/26/2016	48	2423	1226	2423	613.00		Tank Pumped
5/31/2016	70.5	3676	3676	3676	735.20	498	Tank Pumped
6/2/2016	33	1496	1496	1496	748.00		Tank Pumped
6/6/2016	65	3406	3406	3406	851.50	558	Tank Pumped
6/9/2016	30	1316	1316	1316	438.67		Tank Pumped
6/13/2016	51	2606	2606	2606	651.50		Tank Pumped
6/15/2016	35.25	1634	1634		817.00	642	
6/16/2016	47	2361	727	2361	727.00		Tank Pumped
6/20/2016	49	2484	2484	2484	621.00		Tank Pumped
6/21/2016	22	856	856		856.00	703	
6/23/2016	39.25	1881	1025	1881	512.50		Tank Pumped
6/27/2016	48.5	2453	2453	2453	613.25		Tank Pumped
6/28/2016	19	696	696		696.00	770	
7/5/2016		2545	1849	2545	264.14		Tank Pumped
7/7/2016	26.5	1110	1110	1110	555.00		Tank Pumped
7/11/2016	49	2484	2484	2484	621.00	903	Tank Pumped
7/14/2016		1850	1850	1850	616.67		Tank Pumped
7/21/2016	72.25	3754	3754	3754	536.29	1001	Tank Pumped

TABLE 2
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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
7/25/2016	45	2268	2268	3368	567.00	1041	Tank Pumped
7/28/2016	37	1741	1741	1741	580.33		Tank Pumped
8/1/2016	37	1741	1741	1741	435.25	1117	Tank Pumped
8/4/2016	37	1741	1741	1741	580.33		Tank Pumped
8/8/2016	44	2175	2175	2175	543.75		Tank Pumped
8/9/2016	20	749	749		749.00	1196	
8/11/2016	37.5	1772	1023	1772	511.50		Tank Pumped
8/15/2016	41.5	2515	2515	2515	628.75		Tank Pumped
8/17/2016	26.5	1110	1110		555.00	1272	
8/18/2016	35	1618	508	1618	508.00		Tank Pumped
8/22/2016	43	2144	2144	2144	536.00		Tank Pumped
8/24/2016	27	1139	1139		569.50	1338	
8/25/2016	35	1618	479	1618	479.00		Tank Pumped
8/29/2016	39.5	1896	1896	1896	474.00	1386	Tank Pumped
9/1/2016	33.25	1511	1511	1511	504.00		Tank Pumped
9/6/2016	41	1989	478	1989	95.6		Tank Pumped
9/8/2016	26.25	1096	1096	1096	548.00		Tank Pumped
9/9/2016	15.5	520	520		520.00	1502	
9/12/2016	44.5	2206	1686	2206	562.00	1532	Tank Pumped
9/20/2016	29.02	276	276		34.50	1539	
9/23/2016	26	1081	1081	1081	360.33		
9/26/2016	32.5	1466	385	1466	128.33		Tank Pumped
9/28/2016	4	71	71		35.50	1545	
10/4/2016	4	71	0		0.00		Leachate Pump Down
10/10/2016	7	163	92		15.33		Leachate Pump Down
10/19/2016	7.5	175	12		1.33		Leachate Pump Down
10/25/2016	9	236	61		10.17		Leachate Pump Down
11/1/2016	10	276	40		6.67		Leachate Pump Down
11/9/2016	11	317	41		5.13		Leachate Pump Down
11/25/2016	14	450	133		8.31		Leachate Pump Down
12/1/2016	15	497	47		7.83		Leachate Pump Down
12/8/2016	20	749	252		36.00		Leachate Pump Down
12/14/2016	23	912	163		27.17		
12/20/2016	24	967	55		9.17		
12/23/2016		2423	1456	2423	485.33		Tank Pumped
12/27/2016	66	3458	1035	3458	258.75		Tank Pumped Year End=
12/28/2016	21	802	802		802.00		154774
1/3/2017	55	2846	2846	2846	474.33		Tank Pumped
1/3/2017	3	47	47				
1/5/2017		775	728	775	364.00		Tank Pumped
1/9/2017	32	1436	1436	1436	359.00		Tank Pumped
1/10/2017	17	594	594		594.00		
1/16/2017	29	1256	1256	1256	209.33	1674	Tank Pumped
1/19/2017	34	1557	1557	1557	519.00		Tank Pumped
1/23/2017		2727	2727	2727	681.75		Tank Pumped
1/30/2017	42	2051	2051	2051	293.00		Tank Pumped

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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
2/6/2017	32	1436	1436	1436	205.14		Tank Pumped
2/9/2017	26	1081	1081	1081	360.33		Tank Pumped
2/13/2017	38	1803	1803		450.75		
2/16/2017	63	3300	1497	3300	499.00		Tank Pumped
2/21/2017	63	3300	3300		660.00		
2/27/2017	41	1989	1989	1989	331.50		Tank Pumped
3/2/2017		1393	1393	1393	464.33		Tank Pumped
3/3/2017	11.5	338	338		338.00		
3/6/2017	34	1557	1219	1557	406.33	1752	Tank Pumped
3/9/2017	34	1680	1680	1680	560.00		Tank Pumped
3/13/2017	27	1137	1137	1137	284.25		Tank Pumped
3/15/2017	24.5	981	981		490.50		
3/16/2017	32	1436	455	1436	455.00		Tank Pumped
3/20/2017	41	1989	1989	1989	497.25		Tank Pumped
3/22/2017	21.25	816	816		408.00		
3/23/2017	30	1316	500	1316	500.00		Tank Pumped
3/27/2017	42.5	2082	2082	2082	520.50		Tank Pumped
3/28/2017	13.25	415	415		415.00	1786	
3/30/2017	30	1316	901	1316	450.50		Tank Pumped
4/3/2017	41	1989	1989	1989	497.25		Tank Pumped
4/5/2017	22	856	856		428.00		
4/6/2017		1316	460	1316	460.00		Tank Pumped
4/10/2017		1850	1850	1850	462.50		Tank Pumped
4/11/2017	14	450	450		450.00	1807	
4/13/2017	28	1197	747	1197	373.50		Tank Pumped
4/15/2017	26.5	1110	1110		555.00		
4/17/2017	45	2237	1127	2237	563.50		Tank Pumped
4/20/2017	42	2051	2051	2051	683.67		Tank Pumped
4/24/2017	49	2484	2484	2484	621.00		Tank Pumped
4/27/2017	44	2175	2175	2175	725.00		Tank Pumped
4/28/2017	19.25	709	709		709.00		
5/1/2017	50	2545	1836	2545	612.00		Tank Pumped
5/4/2017	52	2667	2667	2667	889.00		Tank Pumped
5/5/2017	23	912	912		912.00		
5/8/2017	60.5	3163	2251	3163	750.33	1848	Tank Pumped
5/11/2017	50	2545	2545	2545	848.33		Tank Pumped
5/15/2017	60	3135	3135	3135	783.75		Tank Pumped
5/17/2017	39	1865	1865		932.50		
5/18/2017	>84	4400	2535	4400	2535.00		Tank Pumped
5/22/2017	>84	4400	4400	4400	1100.00		Tank Pumped
5/24/2017	64.5	3380	3380		1690.00		
5/25/2017	>84	4100	720	4100	720.00		Tank Pumped
5/30/2017	>84	4100	4100	4100	820.00		Tank Pumped
5/31/2017	37	1741	1741		1741.00		
6/1/2017	65.5	3432	1691	3432	1691.00		Tank Pumped
6/5/2017	>84	4187	4187	4187	1046.75	1911	Tank Pumped

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6/8/2017	67	3508	3508	3508	1169.33		Tank Pumped
6/12/2017	62.5	3273	3273	3273	818.25		Tank Pumped
6/15/2017	38	1803	1803	1803	601.00		Tank Pumped
6/17/2017	38	1834	31		15.50		Leachate Pump Down
6/19/2017	69	3606	1772	3606	886.00		Tank Pumped
6/21/2017	30.75	1360	1360		680.00		
6/22/2017	45	2237	877	2237	877.00		Tank Pumped
6/26/2017	54	2787	550	2787	137.50		Tank Pumped
6/29/2017	42	2051	2051	2051	683.67		Tank Pumped
7/3/2017	46	2299	2299	2299	574.75		Tank Pumped
7/5/2017	26.5	1110	1110		555.00		
7/6/2017	39	1865	1865	1865	1865.00		Tank Pumped
7/10/2017	52	2667	2667	2667	666.75		Tank Pumped
7/12/2017	30	1316	1316		658.00		
7/13/2017	39	1865	1865	1865	1865.00		Tank Pumped
7/17/2017	47	2361	2361	2361	590.25		Tank Pumped
7/20/2017	36	1680	1680	1680	560.00	1996	Tank Pumped
7/24/2017	45	2237	2237	2237	559.25		Tank Pumped
7/27/2017		1572	1572	1572	524.00		Tank Pumped
7/31/2017		1881	1881	1881	470.25		Tank Pumped
8/1/2017	15.75	533	533		533.00		
8/3/2017	33	1496	1496	1496	748.00		Tank Pumped
8/7/2017	42	2051	2051	2051	512.75		Tank Pumped
8/10/2017	32	1436	1436	1436	478.67		Tank Pumped
8/11/2017	16	545	545		545.00		
8/14/2017	42	2051	1506	2051	502.00		Tank Pumped
8/15/2017	15	497	497		497.00	2035	
8/17/2017	34	1557	1060	1557	530.00		Tank Pumped
8/21/2017	42.25	2066	2066	2066	516.50		Tank Pumped
8/24/2017	31	1375	1375	1375	458.33		Tank Pumped
8/25/2017	16.5	579	579		579.00		
8/28/2017	41	1989	1410	1989	470.00		Tank pumped
8/30/2017	22	856	856		428.00		
8/31/2017	31	1375	519	1375	519.00		Tank pumped
9/5/2017	48	2423	1048	2423	209.60		Tank pumped
9/6/2017	13	404	404		404.00	2068	
9/7/2017		967	563	967	563.00		Tank pumped
9/11/2017	36	1680	1680	1680	420.00		Tank pumped
9/13/2017	25	1024	1024		512.00		
9/14/2017	36	1680	656	1680	656.00		Tank pumped
9/18/2017	38	1803	1803	1803	450.75		Tank pumped
9/21/2017	31	1375	1375	1375	458.33		Tank pumped
9/22/2017	15	497	497		497.00		
9/25/2017	38	1803	1306	1803	435.33		Tank Pumped
9/26/2017	15	497	497		497.00		
10/2/2017		1557	1060	1557	176.67		Tank Pumped

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10/5/2017		1197	1197	1197	399.00		Tank Pumped
10/7/2017	21.5	829	829		414.50		
10/9/2017	38	1803	974	1803	487.00	2118	Tank Pumped
10/12/2017	24	964	964	964	321.33		Tank Pumped
10/15/2017	31	1375	1375		458.33		
10/16/2017	32	1436	61	1436	61.00		Tank Pumped
10/26/2017	4.5	85	85		8.50		Leachate Pump Down
11/2/2017	6	130	45		6.43	2154	Leachate Pump Down
11/6/2017	51	2606	2476	2606	619.00		Tank Pumped
11/9/2017	29	1256	1256	1256	418.67		Tank Pumped
11/10/2017	12	360	360		360.00		
11/13/2017	32	1436	1076	1436	358.67		Tank Pumped
11/16/2017	32	1436	1436	1436	478.67		Tank Pumped
11/17/2017	13	404	404		404.00		
11/20/2017	37	1741	1337	1741	445.67		Tank Pumped
11/22/2017	20	749	749		374.50		
11/24/2017	35	1618	869	1618	434.50		Tank Pumped
11/27/2017	28	1197	1197	1197	399.00		Tank Pumped
11/30/2017	27	1139	1139	1139	379.67		Tank Pumped
12/4/2017		1695	1695	1695	423.75		Tank Pumped
12/7/2017	24	964	964	964	321.33		Tank Pumped
12/8/2017	7	163	163		163.00		
12/18/2017	38	1803	1640	1640	164.00		Tank Pumped
12/19/2017	15.5	520	520		520.00	2227	
12/21/2017	29	1256	736	1256	368.00		Tank Pumped
12/28/2017	39	1865	1865	1865	266.43		Tank Pumped Year End=
12/29/2017	10	276	276		276.00		179958
1/3/2018	28	1197	921		184.20		
1/4/2018	33	1496	299	1496	299.00		Tank Pumped
1/8/2018	31.75	1420	1420	1420	355.00		
1/11/2018	70	3563	2143	3563	714.33		Tank Pumped
1/15/2018	32.5	1466	1466		366.50		
1/18/2018	50	2545	1079	2545	359.67		Tank Pumped
1/25/2018	56	2905	2905	2905	415.00		Tank Pumped
2/1/2018	53	2727	2727	2727	389.57		Tank Pumped
2/8/2018	49	2484	2484	2484	354.86		Tank Pumped
2/9/2018	13	404	404		404.00		
2/15/2018	50	2545	2141	2545	356.83		Tank Pumped
2/21/2018	45	2237	2237		372.83		
2/22/2018	49	2484	247	2484	247.00		Tank Pumped
2/27/2018	50	2545	2545		509.00		
3/1/2018	52	2667	122	2667	61.00		Tank Pumped
3/7/2018	51	2606	2606		434.33		
3/8/2018	59	2963	357	2963	357.00		Tank Pumped
3/14/2018	45	2237	2237		372.83	2369	
3/15/2018	55	2846	609	2846	609.00		Tank Pumped

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
3/20/2018	43.75	2160	2160		432.00		
3/22/2018	56	2905	745	2905	372.50		Tank Pumped
3/29/2018	>84	4100	4100	4100	585.71		Tank Pumped
3/30/2018	15	497	497		497.00		
4/2/2018	44	2175	1678	2175	559.33		Tank Pumped
4/6/2018	43	2113	2113		528.25		
4/9/2018	68	3558	1445	3558	481.67		Tank Pumped
4/12/2018	35	1618	1618	1618	539.33	2419	Tank Pumped
4/16/2018	55	2846	2846		711.50		
4/19/2018	>84	4100	1254	4100	418.00		Tank Pumped
4/23/2018	>84	4100	4100	4100	1025.00		Tank Pumped
4/26/2018	39	1865	1865	1865	621.67		Tank Pumped
4/27/2018	19	696	696		696.00		
4/30/2018	59	3078	2382	3078	794.00		Tank Pumped
5/3/2018	49	2484	2484	2484	828.00		Tank Pumped
5/7/2018	54	2787	2787	2787	696.75		Tank Pumped
5/10/2018	45	2235	2235	2235	745.00	2470	Tank Pumped
5/14/2018	40	1927	1927		481.75		
5/17/2018	>84	4100	2173	4100	724.33		Tank Pumped
5/22/2018	50	2545	2545		509.00		
5/24/2018	>84	4100	1555	4100	777.50		Tank Pumped
5/29/2018	48	2423	2423		484.60		
5/31/2018	70	3558	1135	3558	567.50		Tank Pumped
6/7/2018	75	3866	3866	3866	552.29		Tank Pumped
6/12/2018	53.5	2757	2757		551.40		
6/14/2018	>84	4100	1343	4100	671.50		Tank Pumped
6/18/2018	41	1989	1989	1989	497.25		Tank Pumped
6/19/2018	14	450	450		450.00	2540	
6/21/2018	38	1927	1477	1927	738.50		Tank Pumped
6/26/2018	48	2484	2484	2484	496.80		Tank Pumped
6/28/2018	33	1496	1496	1496	748.00		Tank Pumped
7/2/2018	46.5	2330	2330		582.50		
7/5/2018	36	1680	-	1680	-		Tank Pumped
7/9/2018	38	1803	1803	1803	450.75		Tank Pumped
7/10/2018	19	696	696		696.00	2577	
7/12/2018	34	1726	1030	1726	515.00		Tank Pumped
7/16/2018	44	2175	2175	2175	543.75		Tank Pumped
7/19/2018	35	1618	1618	1618	539.33		Tank Pumped
7/20/2018	20	749	749		749.00		
7/23/2018	47	2361	1612	2361	537.33		Tank Pumped
7/30/2018	68	3558	3558	3558	508.29		Tank Pumped
8/1/2018	28.5	1227	1227		613.50		
8/6/2018		3721	2494	3721	498.80		Tank Pumped
8/13/2018	68	3558	3558	3558	508.29		Tank Pumped
8/14/2018	16	545	545		545.00	2640	
8/20/2018	60	3135	2590	3135	431.67		Tank Pumped

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
8/27/2018	71	3699	3699	3699	528.43		Tank Pumped
9/4/2018	74	3827	3827	3827	478.38		Tank Pumped
9/7/2018	30	1316	1316		438.67		
9/10/2018	58	3021	1705	3021	568.33		Tank Pumped
9/11/2018	18	645	645		645.00		
9/17/2018	72	3743	3098	3743	516.33		Tank Pumped
9/24/2018	>84	4100	4100	4100	585.71	2712	Tank Pumped
10/1/2018	64	3354	3354	3354	479.14		Tank Pumped
10/4/2018	51	2606	2606		868.67		
10/8/2018	>84	4100	1494	4100	373.50		Tank Pumped
10/12/2018	>84	4100	4100	4100	1025.00		Tank Pumped
10/15/2018	73	3606	3606	3606	1202.00	2748	Tank Pumped
10/22/2018	>84	4100	4100	4100	585.71		Tank Pumped
10/26/2018	>84	4100	4100	4100	1025.00		Tank Pumped
10/29/2018	69.75	3641	3641	3641	1213.67		Tank Pumped
11/1/2018	50	2553	2553	2553	851.00		Tank Pumped
11/5/2018	70.5	3676	3676	3676	919.00		Tank Pumped
11/8/2018	64.75	3393	3393	3393	1131.00		Tank Pumped
11/12/2018	67.25	3521	3521	3521	880.25		Tank Pumped
11/13/2018	24	967	967		967.00	2806	
11/15/2018	53	2727	1760	2727	880.00		Tank Pumped
11/19/2018	68	3558	3558	3558	889.50		Tank Pumped
11/20/2018	25	1024	1024		1024.00		
11/21/2018	41	1989	965	1989	965.00		Tank Pumped
11/26/2018	>84	4100	4100	4100	820.00		Tank Pumped
11/27/2018	16	545	545		545.00		
11/29/2018	33.75	1542	997	1542	498.50		Tank Pumped
12/3/2018	58.25	3036	3036	3036	759.00		Tank Pumped
12/6/2018	47.25	2376	2376	2376	792.00		Tank Pumped
12/7/2018	18	670	670		670.00		
12/10/2018	51	2606	1936	2606	645.33		Tank Pumped
12/11/2018	22	856	856		856.00		
12/13/2018	49.25	2499	1643	2499	821.50		Tank Pumped
12/17/2018	52	2667	2667	2667	666.75		Tank Pumped
12/20/2018	49	2484	2484	2484	828.00		Tank Pumped
12/21/2018	22.5	884	884		884.00		
12/26/2018	65	3406	2522	3406	504.40		Tank Pumped
12/28/2018	40.5	1958	1958		979.00	2893	Year End =
12/31/2018	75	3866	1908		636.00		213995
1/2/2019	>84	4100	234	4100	117.00		Tank Pumped
1/7/2019	59	3078	3078	3078	615.60	2910	
1/14/2019	>84	4100	1022	4100	146.00		Tank Pumped
1/17/2019	31	1375	1375		458.33		
1/21/2019	56	2905	1530	2905	382.50		Tank Pumped
1/23/2019	29	1300	1300		650.00		
1/25/2019	42	2051	751		375.50		

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
1/28/2019	63.25	3314	1263		421.00		
1/29/2019	>84	4100	786	4100	786.00		Tank Pumped
2/1/2019	34	1557	1557		519.00		
2/4/2019	58	3021	1464	3021	488.00		Tank Pumped
2/5/2019	16	545	545		545.00		
2/11/2019	56.75	2949	2404	2949	400.67		Tank Pumped
2/13/2019	27	1139	1139		569.50		
2/18/2019	48	2484	1345	2484	269.00		Tank Pumped
2/22/2019	35	1618	1618		404.50		
2/25/2019	55	2846	1228	2846	409.33		Tank Pumped
2/28/2019	27	1139	1139		379.67		
3/4/2019	48	2484	1345	2484	336.25		Tank Pumped
3/5/2019	18	645	645		645.00		
3/18/2019	60	3135	2490	3135	191.54		Tank Pumped
3/20/2019	24	939	939		469.50	3036	
3/25/2019	71	3699	2760	3699	552.00		Tank Pumped
3/27/2019	28	1197	1197		598.50		
3/28/2019	38	1803	606	1803	606.00		Tank Pumped
4/1/2019	44	2175	2175	2175	543.75		Tank Pumped
4/2/2019	17.5	619	619		619.00		
4/4/2019	36	1680	1061	1680	530.50		Tank Pumped
4/8/2019	48	2484	2484	2484	621.00	3069	Tank Pumped
4/15/2019	>84	4100	4100	4100	585.71		Tank Pumped
4/18/2019	62	3246	3246	3246	1082.00		Tank Pumped
4/25/2019	28	1197	1197	1197	171.00		Tank Pumped
4/26/2019	9	236	236		236.00		
5/1/2019	22	856	620		124.00		
5/6/2019	27	1139	283	1139	56.60		Tank Pumped
5/7/2019	3.5	58	58		58.00		
5/13/2019	52	2667	2609	2667	434.83		Tank Pumped
5/14/2019	7	163	163		163.00	3121	
5/20/2019	45	2237	2074	2237	345.67		Tank Pumped
5/23/2019	35	1618	1618		539.33		
5/28/2019	56	2905	1287	2905	257.40		Tank Pumped
5/29/2019	15	497	497		497.00		
6/3/2019	24	967	470		94.00		Leachate Pumps Down
6/10/2019	34	1557	590	1557	84.29		Tank Pumped, Leachate Pumps down
6/12/2019	6	130	130		65.00		Leachate Pumps Down
6/17/2019	19	700	570		114.00	3168	Leachate Pumps Down
6/26/2019	22	856	156		17.33		Leachate Pumps Down
6/26/2019	24	967	111		-		Leachate Pumps Down
7/2/2019	35	1618	651		108.50		Leachate Pumps Down
7/8/2019	42	2051	433	2051	72.17		Tank Pumped, Leachate Pumps down
7/10/2019	24	1058	1058		529.00		Leachate Pumps running
7/15/2019	>84	4100	3042	4100	608.40		Tank Pumped
7/16/2019	46	2299	2299		2299.00		

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
7/18/2019	>84	4100	1801	4100	900.50		Tank Pumped
7/22/2019	>84	4100	4100	4100	1025.00		Tank Pumped
7/24/2019	45	2237	2237		1118.50	3332	
7/25/2019	63	3300	1063	3300	1063.00		Tank Pumped
7/29/2019	>84	4100	4100	4100	1025.00		Tank Pumped
7/31/2019	48	2423	2423		1211.50		
8/1/2019	62	3246	823	3246	823.00		Tank Pumped
8/5/2019	>84	4100	4100	4100	1025.00		Tank Pumped
8/6/2019	25	1024	1024		1024.00		
8/8/2019	54	2787	1763	2787	881.50		Tank Pumped
8/12/2019	74	3748	3748	3748	937.00		Tank Pumped
8/14/2019	46	2299	2299		1149.50	3554	
8/15/2019	58	3021	722	3021	722.00		Tank Pumped
8/19/2019	>84	4100	4100	4100	1025.00		Tank Pumped
8/22/2019	42	2051	2051	2051	683.67		Tank Pumped
8/23/2019	24	967	967		967.00		
8/26/2019	65.25	3419	2452	3419	817.33		Tank Pumped
8/27/2019	30	1316	1316		1316.00		
8/29/2019	60	3135	1819	3135	909.50		Tank Pumped
9/3/2019	>84	4100	4100	4100	820.00		Tank Pumped
9/5/2019	47.5	1649	1649	1649	824.50		Tank Pumped
9/6/2019	21	802	802		802.00		
9/9/2019	65	3406	2604	3406	868.00		Tank Pumped
9/10/2019	26	1081	1081		1081.00		
9/12/2019	68	3558	2477	3558	1238.50		Tank Pumped
9/16/2019	>84	4100	4100	4100	1025.00		Tank Pumped
9/19/2019	>84	4100	4100	4100	1366.67		Tank Pumped
9/20/2019	25	1024	1024		1024.00	3932	
9/23/2019	>84	4100	3076	4100	1025.33		Tank Pumped
9/24/2019	27.5	1168	1168		1168.00		
9/26/2019	74	3827	2659	3827	1329.50		Tank Pumped
9/30/2019	74	3827	3827	3827	956.75		Tank Pumped
10/3/2019	64.75	3393	3393	3393	1131.00		Tank Pumped
10/7/2019	84	4100	4100	4100	1025.00		Tank Pumped
10/10/2019	68.75	3594	3594	3594	1198.00		Tank Pumped
10/11/2019	29	1256	1256		1256.00		
10/14/2019	84	4100	2844	4100	948.00		Tank Pumped
10/17/2019	68	3558	3558	3558	1186.00		Tank Pumped
10/18/2019	27.75	1183	1183		1183.00	4249	
10/21/2019	84	4100	2917	4100	972.33		Tank Pumped
10/25/2019	84	4100	4100	4100	1025.00		Tank Pumped
10/28/2019	84	4100	4100	4100	1366.67		Tank Pumped
10/31/2019	84	4100	4100	4100	1366.67		Tank Pumped
11/4/2019	84	4100	4100	4100	1025.00		Tank Pumped
11/6/2019	56.5	2934	2934		1467.00		
11/7/2019	58	3078	144	3078	144.00		Tank Pumped

TABLE 2
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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
11/12/2019	11	317	317		63.40		Leachate pumps down
11/20/2019	16	545	228		28.50		Leachate pumps down
11/21/2019	39	1865	1320	1865	1320.00		Tank Pumped
11/25/2019	84	4100	4100	4100	1025.00		Tank Pumped
12/3/2019	84	4100	4100	4100	512.50		Tank Pumped
12/4/2019	36	1680	1680		1680.00	4567	
12/5/2019	50	2545	865	2545	865.00		Tank Pumped
12/9/2019	71	3699	3699	3699	924.75		Tank Pumped
12/10/2019	28	1197	1197		1197.00		
12/12/2019	44	2175	978	2175	489.00		Tank Pumped
12/16/2019	49	2484	2484	2484	621.00		Tank Pumped
12/17/2019	26	1081	1081		1081.00		System Down
12/19/2019	36	1680	599	1680	299.50		Tank Pumped, System Down
12/23/2019	65	3406	3406	3406	851.50		Tank Pumped
12/26/2019	56	2905	2905	2905	968.33		Tank Pumped Year End=
							221,398
1/2/2020	84	4100	4100	4100	585.71		Tank Pumped
1/3/2020	41	1989	1989		1989.00		
1/6/2020	84	4100	2111	4100	703.67		Tank Pumped
1/7/2020	26.5	1110	1110		1110.00	4635	
1/9/2020	53	2727	1617	2727	808.50		Tank Pumped
1/13/2020	54	2787	2787	2787	696.75		Tank Pumped
1/16/2020	51	2606	2606	2606	868.67		Tank Pumped
1/21/2020	60	3135	3135	3135	627.00		Tank Pumped
1/23/2020	41	1989	1989	1989	994.50		Tank Pumped
1/24/2020	25	1024	1024		1024.00		
1/27/2020	68.25	3570	2546	3570	848.67		Tank Pumped
1/29/2020	25	1024	1024		512.00		
1/30/2020	38	1803	779	1803	779.00		Tank Pumped
2/3/2020	70.75	3687	3687	3687	921.75		Tank Pumped
2/4/2020	21	802	802		802.00		
2/6/2020	47	2361	1559	2361	779.50		Tank Pumped
2/11/2020		3857	3857	3857	771.40		Tank Pumped
2/13/2020	35	1618	1618	1618	809.00		Tank Pumped
2/17/2020	47	2361	2361	2361	590.25		Tank Pumped
2/18/2020	11.5	338	338		338.00		
2/20/2020	39	1865	1527	1865	763.50		Tank Pumped
2/24/2020	60.25	3177	3177	3177	794.25		Tank Pumped
2/25/2020	18	645	645		645.00	-	
2/27/2020	39.75	1912	1267	1912	633.50		Tank Pumped
3/2/2020	75	3743	3743	3743	935.75		Tank Pumped
3/5/2020	84	4100	4100	4100	1366.67		Tank Pumped
3/9/2020		3972	3972	3972	993.00		Tank Pumped
3/10/2020	27.5	1168	1168		1168.00		
3/12/2020	54	2787	1619	2787	809.50		Tank Pumped
3/16/2020	60	3135	3135	3135	783.75		Tank Pumped

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DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
3/17/2020	19.75	736	736		736.00	4767	
3/19/2020	44.5	2206	1470	2206	735.00		Tank Pumped
3/23/2020	42	2051	2051	2051	512.75		Tank Pumped
3/24/2020	9	236	236		236.00		
3/26/2020	44	2175	1939	2175	969.50		Tank Pumped
3/30/2020	84	4100	4100	4100	1025.00		Tank Pumped
3/31/2020	54	2787	2787		2787.00		
4/2/2020	84	4100	1313	4100	656.50		Tank Pumped
4/6/2020	84	4100	4100	4100	1025.00		Tank Pumped
4/9/2020	54	2787	2787	2787	929.00		Tank Pumped
4/13/2020	84	4100	4100	4100	1025.00		Tank Pumped
4/14/2020	26.25	1096	1096		1096.00		
4/16/2020	54	2787	2787	2787	1393.50		Tank Pumped
4/20/2020	84	4100	4100	4100	1025.00		Tank Pumped
4/21/2020	27.5	1168	1168		1168.00		
4/23/2020	60	3135	1967	3135	983.50		Tank Pumped
4/27/2020	84	4100	4100	4100	1025.00		Tank Pumped
4/30/2020	84	4100	4100	4100	1366.67		Tank Pumped
5/4/2020	84	4100	4100	4100	1025.00		Tank Pumped
5/5/2020		939	939		939.00		
5/7/2020	51	2606	1667	2606	833.50		Tank Pumped
5/11/2020	84	4100	4100	4100	1025.00		Tank Pumped
5/14/2020	52	2667	2667	2667	889.00		Tank Pumped
5/20/2020		3246	3246		541.00		
5/21/2020	84	4100	854	4100	854.00		Tank Pumped
5/26/2020	84	4100	4100	4100	820.00		Tank Pumped
5/28/2020	31.25	1390	1390		695.00		
6/1/2020	84	4100	2710	4100	677.50		Tank Pumped
6/2/2020	37.5	1772	1772		1772.00		
6/4/2020	84	4100	2328	4100	1164.00	4916	Tank Pumped
6/8/2020	84	4100	4100	4100	1025.00		Tank Pumped
6/9/2020	38	1803	1803		1803.00		
6/11/2020	84	4100	2297	4100	1148.50		Tank Pumped
6/15/2020	84	4100	4100	4100	1025.00		Tank Pumped
6/16/2020	28	1197	1197		1197.00		
6/18/2020	68.5	3582	2385	3582	1192.50		Tank Pumped
6/22/2020	84	4100	4100	4100	1025.00		Tank Pumped
6/23/2020	32	1436	1436		1436.00		
6/24/2020	66	3458	2022	3458	2022.00		Tank Pumped
6/29/2020	84	4100	4100	4100	820.00		Tank Pumped
6/30/2020	>84	4500	4500	4500	4500.00		Tank Pumped
7/1/2020	60	3135	3135	3135	3135.00		Tank Pumped
7/6/2020	84	4100	4100	4100	820.00		Tank Pumped
7/8/2020	64	3354	3354		1677.00		
7/9/2020	84	4100	746	4100	746.00		Tank Pumped
7/13/2020	84	4100	4100	4100	1025.00		Tank Pumped

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
7/16/2020	73.25	3796	3796	3796	1265.33		Tank Pumped
7/20/2020	84	4100	4100	4100	1025.00		Tank Pumped
7/23/2020	64.5	3367	3367	3367	1122.33		Tank Pumped
7/27/2020	84	4100	4100	4100	1025.00		Tank Pumped
7/28/2020	28	1197	1197		1197.00	5321	
7/30/2020	55	2846	1649	2846	824.50		Tank Pumped
8/3/2020	63	3300	3300	3300	825.00		Tank Pumped
8/4/2020	23	912	912		912.00		
8/6/2020	47	2361	1449	2361	724.50		Tank Pumped
8/10/2020	62.25	3260	3260	3260	815.00		Tank Pumped
8/11/2020	21.5	829	829		829.00	5473	
8/13/2020	34	2484	1655	2484	827.50		Tank Pumped
8/17/2020	63	3300	3300	3300	825.00		Tank Pumped
8/20/2020	46	2299	2299	2299	766.33		Tank Pumped
8/21/2020	20	749	749		749.00		
8/24/2020	60.25	3149	2400	3149	800.00		Tank Pumped
8/26/2020	33	1496	1496		748.00		
8/27/2020	47	2361	865	2361	865.00		Tank Pumped
8/31/2020	58.5	3050	3050	3050	762.50		Tank Pumped
9/3/2020	45	2237	2237	2237	745.67		Tank Pumped
9/8/2020	62	3246	3246	3246	649.20		Tank Pumped
9/10/2020	27	1139	1139	1139	569.50	5796	Tank Pumped
9/14/2020	49.75	2530	2530	2530	632.50		Tank Pumped
9/17/2020	41.5	2021	2021	2021	673.67		Tank Pumped
9/18/2020	15	497	497		497.00		
9/21/2020	45.75	2284	1787	2284	595.67		Tank Pumped
9/24/2020	42.25	2066	2066	2066	688.67		Tank Pumped
9/25/2020	19	696	696		696.00		
9/28/2020	55	2846	2150	2846	716.67		Tank Pumped
9/29/2020	15	495	495		495.00		
10/1/2020	36	1680	1185	1680	592.50		Tank Pumped
10/5/2020	40	1927	1927	1927	481.75		Tank Pumped
10/6/2020	17	594	594		594.00	6081	
10/12/2020	84	4100	3506	4100	584.33		Tank Pumped
10/13/2020	19	696	696		696.00		
10/19/2020	79	4000	3304	4000	550.67		Tank Pumped
10/21/2020	23	912	912		456.00		
10/26/2020	61.25	3205	2293	3205	458.60		Tank Pumped
10/29/2020	34	1557	1557		519.00		
11/2/2020	68.5	3582	2025	3582	506.25		Tank Pumped
11/5/2020	38	1083	1083		361.00	6412	
11/9/2020	72	3743	2660	3743	665.00		Tank Pumped
11/11/2020	45	2237	2237		1118.50		
11/16/2020	>84	4100	1863	4100	372.60		Tank Pumped
11/19/2020	39	1865	1865		621.67		
11/23/2020	58	3021	1156	3021	289.00		Tank Pumped

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
11/27/2020	37.5	1772	1772		443.00		
11/30/2020	67.75	3545	1773	3545	591.00		Tank Pumped
12/4/2020	45	2237	2237		559.25		
12/7/2020	60.75	3177	940	3177	313.33		Tank Pumped
12/8/2020	15	497	497		497.00	6661	
12/14/2020	62	3246	2749	3246	458.17		Tank Pumped
12/21/2020	63	3300	3300	3300	471.43		Tank Pumped
12/28/2020	59	3078	3078		439.71		Year End=
12/31/2020	>84	4100	1022		340.67		295,449
1/4/2021	>84	4100	1022	4100	146.00		Tank Pumped
1/7/2021	28	1197	1197		119.70		BLOWER NOT OPERATIONAL
1/11/2021	46	2299	1102	2299	275.50		Tank Pumped
1/12/2021	22	856	856		171.20	68551	
1/18/2021	74	3827	2971	3827	495.17		Tank Pumped
1/18/2021	0	0	0			69034	
1/27/2021	61.25	3205	3205	3205	356.11		BLOWER NOT OPERATIONAL
2/1/2021	38.5	1834	1834	1834	366.80		BLOWER NOT OPERATIONAL
2/2/2021	13	404	404		404.00		
2/8/2021	54	2787	2383	2787	397.17		Tank Pumped
2/11/2021	26	1081	1081		360.33		
2/15/2021	40	1927	846	1927	211.50		Tank Pumped
2/17/2021	19	696	696		348.00		
2/23/2021	49	2484	1788	2484	298.00		Tank Pumped
2/26/2021	22	856	856		285.33		
3/1/2021	45	2237	1381	2237	460.33		Tank Pumped
3/3/2021	21	802	802		401.00		
3/8/2021	>84	4100	3298	4100	659.60		Tank Pumped
3/11/2021	>84	4100	4100	4100	1366.67		Tank Pumped
3/15/2021	>84	4100	4100	4100	1025.00		Tank Pumped
3/18/2021	40	1927	1927	1927	642.33		Tank Pumped
3/19/2021	14.75	485	485		485.00	7604	
3/22/2021	40	1927	1442	1927	480.67		Tank Pumped
3/25/2021	>84	4100	4100	4100	1366.67		Tank Pumped
3/26/2021	38	1803	1803		1803.00		
3/29/2021	>84	4100	2297	4100	765.67		Tank Pumped
4/1/2021	41	1989	1989	1989	663.00		Tank Pumped
4/5/2021	44	2175	2175	2175	543.75		Tank Pumped
4/7/2021	38	1803	1803		901.50		
4/8/2021	54	2787	984	2787	984.00		Tank Pumped
4/12/2021	>84	4100	4100	4100	1025.00		Tank Pumped
4/15/2021	49	2484	2484	2484	828.00		Tank Pumped
4/18/2021	43	2113	2113		704.33		
4/19/2021	54	2787	674	2787	674.00		Tank Pumped
4/22/2021	39	1865	1865	1865	621.67		Tank Pumped
4/26/2021	45	2667	2667	2667	666.75		Tank Pumped
4/29/2021	45	2237	2237	2237	745.67		Tank Pumped

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
5/3/2021	53	2727	2727	2727	681.75		Tank Pumped
5/5/2021	30	1316	1316		658.00		
5/6/2021	39	1865	549	1865	549.00		Tank Pumped
5/10/2021	49	2484	2484	2484	621.00		Tank Pumped
5/18/2021	>84	4100	4100	4100	512.50		Tank Pumped
5/19/2021	24	967	967		967.00	7760	
5/21/2021	46	2299	1332	2299	666.00		Tank Pumped
5/24/2021	40	1927	1927	1927	642.33		Tank Pumped
5/27/2021	41	1989	1989	1989	663.00		Tank Pumped
6/1/2021	>84	4100	4100	4100	820.00		Tank Pumped
6/3/2021	31	1375	1375	1375	687.50		Tank Pumped
6/4/2021	20.5	775	775		775.00		
6/7/2021	54.5	2817	2042	2817	680.67		Tank Pumped
6/10/2021	36	1680	1680	1680	560.00		Tank Pumped
6/14/2021	48.25	2438	2438	2438	609.50		Tank Pumped
6/16/2021	26	1081	1081		540.50	7808	
6/17/2021	36	1680	599	1680	599.00		Tank Pumped
6/21/2021	51	2606	2606	2606	651.50		Tank Pumped
6/22/2021	16.25	557	557		557.00		
6/24/2021	38	1803	1246	1803	623.00		Tank Pumped
6/28/2021	42	2051	2051	2051	512.75		Tank Pumped
6/30/2021	22.5	884	884		442.00		
7/6/2021		2712	1828	2712	304.67		Tank Pumped
7/8/2021	26	1081	1081	1081	540.50		Tank Pumped
7/8/2021	2	25	25			7844	
7/12/2021	36	1680	1655		413.75		
7/15/2021	68	3558	1878	3558	626.00		Tank Pumped
7/19/2021	34	1557	1557		389.25		
7/22/2021	62	3246	1689	3246	563.00		Tank Pumped
7/29/2021	66	3458	3458	3458	494.00		Tank Pumped
7/30/2021	12.75	393	393		393.00		
8/3/2021	44.5	2206	1813		453.25		
8/5/2021	52	2667	461	2667	230.50		Tank Pumped
8/10/2021	22	856	856		171.20	7894	
8/12/2021	33	1496	640	1496	320.00		Tank Pumped
8/19/2021	28	1197	1197	1197	171.00		Tank Pumped
8/20/2021	8	199	199		199.00		
8/25/2021	22.75	898	699		139.80		
8/26/2021	39	1865	967	1865	967.00		Tank Pumped
8/30/2021	84	4100	4100	4100	1025.00		Tank Pumped
9/1/2021	35	1618	1618		809.00		
9/2/2021	40	1927	309	1927	309.00		Tank Pumped
9/7/2021	58	3021	3021	3021	604.20		Tank Pumped
9/8/2021	18	645	645		645.00		
9/9/2021	25	1024	379	1024	379.00		Tank Pumped
9/13/2021	38	1803	1803		450.75		

TABLE 2
WEEKLY LEACHATE/CONDENSATE MONITORING
Junker Sanitary Landfill FID #656026800

DATE	DEPTH IN TANK (INCHES)	VOLUME IN TANK (GALLONS)	CHANGE IN VOLUME (GALLONS)	VOLUME REMOVED (GALLONS)	AVERAGE DAILY LIQUID GENERATION RATE (GALLONS)	POWER METER READING (kwHr)	COMMENTS
9/16/2021	66	3458	1655	3458	551.67		Tank Pumped
9/20/2021	36.5	1711	1711		427.75		
9/23/2021	59	3078	1367	3078	455.67		Tank Pumped
9/28/2021	50	2545	2545		509.00	80976	
9/30/2021	64	3354	809	3354	404.50		Tank Pumped
10/5/2021	43	2113	2113		422.60	81222	
10/6/2021	55	2846	733	2846	733.00		Tank Pumped
10/8/2021	31	1375	1375		687.50	81383	
10/13/2021	58	3078	1703		340.60	81584	
10/14/2021	68	3558	480	3558	480.00		Tank Pumped
10/21/2021	56	2905	2905	2905	415.00		Tank Pumped
10/22/2021	13	404	404		404.00	81956	
10/27/2021	55	2846	2442	2846	488.40		Tank Pumped
10/29/2021	15	497	497		248.50	82253	
11/4/2021	51	2606	2109	2606	351.50		Tank Pumped
11/9/2021	40.5	1958	1958		391.60	82730	
11/11/2021	56	2905	947	2905	473.50		Tank Pumped
11/19/2021	58	3021	3021		377.63	83212	
11/22/2021	>84	4102	1081	4102	360.33		Tank Pumped
11/24/2021	25	1024	1024		512.00	83420	
11/29/2021	55	2846	1822	2846	364.40		Tank Pumped
12/2/2021	31	1375	1375		458.33	83821	
12/6/2021	56	2905	1530	2905	382.50		Tank Pumped
12/10/2021	32	1436	1436		359.00	84239	
12/13/2021	54	2787	1351	2787	450.33		Tank Pumped
12/16/2021	36	1680	1680		560.00	84496	
12/20/2021	55	2846	1166	2846	291.50		Tank Pumped
12/20/2021	4	71	71			84574	
12/27/2021	56	2905	2834	2905	404.86		Tank Pumped
12/30/2021	29	1256	1256		418.67	85030	
							Year End=
							187,385

TABLE 3.a.
SUMMARY OF LEACHATE/CONDENSATE ANALYTICAL RESULTS
Junker Sanitary Landfill FID #656026800

PARAMETER	UNITS	SAMPLE DATE								
		6/24/2013	6/25/2014	2/16/2015	6/15/2016	6/5/2017	6/25/2018	6/17/2019	6/23/2020	6/17/2021
Specific conductivity	umhos/cm	810	510	5550	3700	3500	2110	771	689	499
pH (field)		8.5	7.3	7.4	6.6	14.1	6.73	6.67	6.59	7.03
COD	mg/L	180	250	950	500	840	419	1000	442	806
BOD (48 Hour)	mg/L	94	53	320	61	65	26.2	18.1	28.3	51
Alkalinity, Total	mg/L	<1.1	150	2300	-	1500	-	267	1650	1710
Ammonia Nitrogen	mg/L									
Total Suspended Solids	mg/L	25	44	24	40	270	128	903	125	1750
Hardness, Total	mg/L									
Total Phosphorous	mg/L	0.96	2.6	0.94	1.3	19	0.23	28.1	3.8	5.3
Chloride	mg/L	34	3.4	860	620	300	1230	27.5	422	408
Sulfate	mg/L									
Total Iron	mg/L	88	11	6.5	13	27	10.9	161	94.6	2520
Total Manganese	mg/L	0.59	0.023	0.27	0.48	1.2	0.49	1.5	0.75	3.2
Total Sodium	mg/L									
Potassium	mg/L									
Cyanide	mg/L	<0.0012	<0.0012	0.0042	0.0037	<0.0030	<0.0030	<0.0030	<0.0030	0.0045
Nitrogen, total Kjeldahl	mg/L	15	14	170	120	100	122	34.6	142	227
Nitrogen, nitrate	mg/L									
Arsenic	µg/L	5.8	<2.6	9.9	<3.8	10	<3.7	18	13	100
Barium	µg/L									
Cadmium	µg/L	1.5	<0.26	<0.94	1.4 J	0.64 J	0.91 J B	0.74 J	<0.43	<4.3
Chromium	µg/L	7.8	2.7	6.6	4.9 J	5.2 J	5.3	12	12	98
Copper	µg/L	1200	100	6.4	1.4 B	4.9 J	6.3 J B	69	68	120
Lead	µg/L	35	9.3	<2.5	1.6	<2.7	4.6 J	7.9	14	<27
Mercury	µg/L	<6.4	<0.072	<0.061	<0.11	<0.098	<0.098	<0.098	0.14 J	0.18
Molybdenum	µg/L	<2.1	2.9	<2.2	<2.2	<3.8	<3.8	<3.8	<3.8	<38
Nickel	µg/L	10	2.9	56	28	13	19	8.2 J	27	48
Selenium	µg/L	<4.6	<4.6	<4.6	<4.6	<5.3	<5.3	<5.3	<5.3	<53
Silver	µg/L	<0.57	<0.57	<1.3	<1.3	<1.5	<1.5	<1.5	<1.5	43
Zinc	µg/L	330	29	<9.3	67	9.4 J B	<5.0	26	440	350
VOCs										
Benzene	µg/L	<0.074	<0.074	6.6	3.1	5.8	<0.15	<0.15	<0.15	0.21
n-Butylbenzene	µg/L	<0.13	<0.13	<0.13	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	µg/L	<0.15	<0.15	<0.15	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chlorobenzene	µg/L	<0.14	<0.14	1.8	0.83	1.2	<0.39	<0.39	<0.39	0.62
Chloroethane	µg/L	<0.34	<0.34	<0.34	<0.51	0.67	<0.51	<0.51	<0.51	<0.51
Chloromethane	µg/L	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
1,4-Dichlorobenzene	µg/L	<0.15	<0.15	7.9	3.4	5.5	<0.36	<0.79	<0.79	2.1
Dichlorodifluoromethane	µg/L	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
1,1-Dichloroethane	µg/L	<0.19	<0.19	1.9	1.4	2.9	<0.41	<0.41	2.4	<0.41
1,2-Dichloropropane	µg/L	<0.50	<0.50	2.7	1.9	1.9	<0.43	<0.43	1	<0.43
2,2-Dichloropropane	µg/L	-	-	-	-	-	-	-	0.82 J	0.82
1,2-Dichloroethane	µg/L	<0.28	<0.28	3.6	2.9	2.9	<0.39	1.2	2.4	<0.39
1,1-Dichloroethene	µg/L	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.41	<0.41	<0.39
cis-1,2-Dichloroethene	µg/L	2.1	1.5	43	31	27	<0.41	0.82	17	<0.41
trans-1,2-Dichloroethene	µg/L	<0.25	<0.25	0.57	<0.35	0.42	<0.35	<0.35	<0.35	<0.35
Ethylbenzene	µg/L	2.1	<0.13	79	23	<0.18	<0.18	1.3	<0.18	2.2
Isopropylbenzene	µg/L	<0.14	<0.14	1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
p-Isopropyltoluene	µg/L	<0.17	<0.17	7.8	3.7	<0.36	2.3	5.4	1.9	2.4
Methylene Chloride	µg/L	<0.68	<0.68	11	5.5	13	<1.6	<1.6	<1.6	1.8
Methyl ethyl ketone (MEK)	µg/L	-	-	-	-	-	-	37	190	<2.1
Naphthalene	µg/L	<0.16	<0.16	14	2.1	3.4	<0.34	0.73	0.89 J	1.8
n-Propylbenzene	µg/L	<0.13	<0.13	<0.13	<0.39	<0.41	<0.41	<0.41	<0.41	<0.41
p-Dichlorobenzene	µg/L	-	-	-	-	-	-	1.4	1.2	-
Styrene	µg/L	-	-	-	-	-	-	0.78 J	<0.39	0.75
Tetrachloroethene	µg/L	0.88	0.73	21	13	13	2.2	2.3	7.9	<0.37
Tetrahydrofuran	µg/L	-	-	-	-	-	-	4500	1200	990
Toluene	µg/L	4	0.55	470	170	300	0.28	2.9	4.3	6.8
1,1,1-Trichloroethane	µg/L	<0.2	<0.2	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
Trichloroethene	µg/L	0.73	0.46	14	5.6	9.9	0.5	1.3	3.7	<0.16
Trichlorofluoromethane	µg/L	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,2,4-Trimethylbenzene	µg/L	<0.14	<0.14	11	5.4	6.3	<0.36	1.2	<0.36	<0.36
1,3,5-Trimethylbenzene	µg/L	0.4	<0.18	7.7	2.5	6.6	2	2.6	2.8	1.6
Vinyl Chloride	µg/L	<0.1	<0.1	2.2	1.7	1.9	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	µg/L	11	<0.068	440	220	420	4.1	35	60	28
Total VOCs	µg/L	21.21	3.24	1146.77	497.03	822.39	11.38	4593.15	1494.60	1039.1

TABLE 3.b.
SUMMARY OF LEACHATE/CONDENSATE SVOC ANALYTICAL RESULTS
Junker Sanitary Landfill FID #656026800

PARAMETER	SAMPLE DATE								
	6/24/2013	6/25/2014	2/16/2015	6/15/2016	6/5/2017	6/25/2018	6/17/2019	6/23/2020	6/17/2021
Semi-Volatiles in µg/L									
1,2,4-Trichlorobenzene	<0.15	<0.20	<0.93	<0.91	<0.34	<0.34	<0.89	<0.34	<0.34
1,2-Dichlorobenzene	<0.11	<0.21	<0.97	<0.95	0.55	<0.33	<0.93	<0.18	<0.19
1,3-Dichlorobenzene	<0.17	<0.18	<0.82	<0.80	<0.40	<0.40	<0.79	<0.15	<0.16
1,4-Dichlorobenzene	<0.58	<0.18	<0.82	<0.80	5.5	<0.36	<0.79	<0.15	0.92
2,2'-oxybis[1-chloropropane]	<0.14	<0.33	<1.5	<1.5	<0.31	<0.31	<1.4	<0.28	<0.29
2,4,5-Trichlorophenol	<1.4	<2.2	<10	<9.8	<2.1	<2.1	<9.7	<1.9	<1.9
2,4,6-Trichlorophenol	<0.52	<0.62	<2.8	<2.8	<0.58	<0.59	<2.7	<0.53	<0.54
2,4-Dichlorophenol	<0.94	<2.2	<10	<10	<2.1	<2.1	<9.8	<1.9	<2.0
2,4-Dimethylphenol	<1.5	<1.5	<7.1	<6.9	4.8	<1.5	<6.8	<1.3	11
2,4-Dinitrophenol	<0.82	<7.4	<34	<33	<6.9	<7.1	<32	<6.3	<6.5
2,4-Dinitrotoluene	<0.16	<0.21	<0.96	<0.94	<0.20	<0.20	<0.92	<0.18	<0.19
2,6-Dinitrotoluene	<0.077	<0.063	<0.29	<0.28	<0.06	<0.061	<0.28	<0.054	<0.056
2-Chloronaphthalene	<0.13	<0.20	<0.92	<0.90	<0.19	<0.19	<0.89	<0.17	<0.18
2-Chlorophenol	<0.50	<0.48	<2.2	<2.1	<0.45	<0.46	<2.1	<0.41	<0.42
1-Methylnaphthalene	-	-	-	-	-	-	-	0.54 J	<0.23
2-Methylnaphthalene	<0.066	<0.056	<0.26	0.58	1.1	<0.054	0.83	<0.048 ^c*	<0.049
2-Methylphenol	0.65	<0.26	10	8	7.1	<0.25	<1.1	<0.22	<0.23
2-Nitroaniline	<0.90	<1.1	<5.0	<4.9	<1.0	<1.1	<4.9	<0.95	<0.97
2-Nitrophenol	<1.1	<2.1	<9.8	<9.6	<2.0	<2.1	<9.4	<1.8	<1.9
3 & 4 Methylphenol	2.7	<0.39	9.5	4	8.9	<0.37	<1.7	<0.33	<0.34
3,3'-Dichlorobenzidine	<0.51	<1.5	<6.7	<6.6	<1.4	<1.4	<6.5	<1.3	<1.3
3-Nitroaniline	<0.89	<1.5	<7.0	<6.9	<1.4	<1.5	<6.7	<1.3	<1.4
4,6-Dinitro-2-methylphenol	<1.4	<5.1	<23	<23	<4.8	<4.9	<22	<4.3	<4.5
4-Bromophenyl phenyl ether	<0.41	<0.46	<2.1	<2.1	<0.44	<0.45	<2.0	<0.40	<0.41
4-Chloro-3-methylphenol	<1.1	<2.0	<9.0	<8.8	<1.9	<1.9	260	<1.7	<1.7
4-Chloroaniline	<1.7	<1.7	<7.9	<7.7	<1.6	<1.7	<7.6	<1.5	<1.5
4-Chlorophenyl phenyl ether	<0.54	<0.55	<2.5	<2.4	<0.51	<0.53	<2.4	<0.47	<0.48
4-Nitroaniline	<2.0	<1.4	<6.5	<6.4	<1.3	<1.4	<6.3	<1.2	<1.3
4-Nitrophenol	<1.8	<6.4	<29	<29	<6.0	<6.1	<28	<5.5	<5.6
Acenaphthene	<0.097	<0.27	<1.2	<1.2	0.31	<0.26	<1.2	0.27 J	<0.23
Acenaphthylene	<0.11	<0.23	<1.0	<1.0	<0.22	<0.22	<1.0	<0.20	<0.20
Anthracene	<0.15	<0.29	<1.3	<1.3	<0.27	<0.28	<1.3	<0.25	0.31
Benzo[a]anthracene	<0.051	<0.049	<0.22	<0.22	0.084	<0.047	<0.21	<0.042	<0.043
Benzo[a]pyrene	<0.059	<0.085	<0.39	<0.38	<0.080	<0.082	<0.37	<0.073	<0.075
Benzo[b]fluoranthene	<0.064	<0.069	<0.32	<0.31	0.098	<0.067	<0.30	<0.059	<0.061
Benzo[g,h,i]perylene	<0.38	<0.32	<1.5	<1.4	<0.30	<0.31	<1.4	<0.28	<0.28
Benzo[k]fluoranthene	<0.13	<0.055	<0.25	<0.25	<0.052	<0.053	<0.24	<0.047	<0.048
Benzoic acid	<2.4	<5.0	<23	<22	<4.7	<4.8	<22	<4.2	<4.4
Benzyl alcohol	<2.0	<5.2	29	<23	<4.9	<5.0	39	<4.4	<4.6
Bis(2-chloroethoxy)methane	<0.17	<0.24	<1.1	<1.1	<0.23	<0.23	68	<0.21	<0.21
Bis(2-chloroethyl)ether	<0.17	<0.25	<1.1	<1.1	<0.24	<0.24	<1.1	<0.22	<0.22
Bis(2-ethylhexyl) phthalate	1.8	<1.5	<6.7	<6.6	6.3	<1.4	17	11	4.4
Butyl benzyl phthalate	<0.21	<0.41	<1.9	<1.8	<0.39	<0.40	<1.8	<0.35	<0.36
Carbazole	<0.51	<0.30	<1.4	<1.4	0.55	<0.29	<1.3	<0.26	7.5
Chrysene	<0.073	<0.059	<0.27	<0.26	0.095	<0.056	<0.26	<0.050	<0.052
Dibenzo[a,h]anthracene	<0.089	<0.044	<0.20	<0.19	<0.041	<0.042	<0.19	<0.037	<0.038
Dibenzofuran	<0.13	<0.23	<1.0	<1.0	<0.21	<0.22	1.1	<0.19	<0.20
Diethyl phthalate	<0.14	<0.31	<1.4	<1.4	<0.29	0.55	2.2	<0.27	<0.27
Dimethyl phthalate	<0.13	<0.27	<1.2	<1.2	<0.25	<0.26	<1.2	<0.23	<0.24
Di-n-butyl phthalate	<0.64	<0.63	<2.9	<2.8	<0.59	<0.60	<2.8	<0.54	<0.55
Di-n-octyl phthalate	<1.3	<0.090	<4.1	<4.0	<0.85	<0.87	16	<0.77	<0.79
Fluoranthene	<0.16	<0.39	<1.8	<1.7	<0.37	<0.38	<1.7	<0.33	<0.34
Fluorene	<0.13	<0.21	<0.96	<0.94	0.32	<0.20	2	<0.18	<0.18
Hexachlorobenzene	<0.082	<0.068	<0.31	<0.30	<0.064	<0.066	<0.30	<0.058 *	<0.060
Hexachlorobutadiene	<0.59	<0.44	<2.0	<2.0	<0.42	<0.43	<1.9	<0.38 *	<0.39
Hexachlorocyclopentadiene	<1.5	<5.5	<25	<24	<5.1	<5.3	<24	<4.7	<4.8
Hexachloroethane	<0.44	<0.51	<2.3	<2.3	<0.48	<0.50	<2.3	<0.44	<0.45
Indeno[1,2,3-cd]pyrene	<0.060	<0.064	<0.29	<0.29	<0.060	<0.062	<0.28	<0.055	<0.057
Isophorone	120	80	480	98	25	<0.31	4.4	<0.28	<0.28
Naphthalene	<0.12	<0.27	7.4	2.1	3.4	0.28	<1.2	<0.23	0.74
Nitrobenzene	<0.16	<0.39	<1.8	<1.7	<0.36	<0.37	<1.7	<0.33	<0.34
N-Nitrosodi-n-propylamine	<0.19	<0.13	<0.60	<0.59	<0.12	<0.13	<0.58	<0.11	<0.12
N-Nitrosodiphenylamine	<0.15	<0.32	<1.5	<1.4	<0.30	<0.31	<1.4	<0.27	<0.28
Pentachlorophenol	<1.4	<3.4	<15	<15	<3.2	<3.3	<15	<2.9	<3.0
Phenanthrene	<0.17	<0.26	<1.2	<1.2	<0.24	<0.25	3.1	<0.22	0.34
Phenol	2	<0.58	12	<2.6	<0.54	<0.55	<2.5	<0.49	<0.51
Pyrene	<0.18	<0.37	<1.7	<1.6	<0.34	<0.35	<1.6	<0.31	<0.32
Total SVOC's	127.15	80	547.9	112.68	64.11	0.83	413.63	11.79	25.21

TABLE 4
SYSTEM MONITORING
Junker Sanitary Landfill FID #656026800

DATE	WEATHER				BLOWER/HEADER			VFD CONDITION	POWER METER READING	GAS TO FLARE								TECHNICIAN	COMMENTS
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE			PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O			in H2O	*F	%	%	%	%	feet/min	cubic ft/min		
1/6/2012	36	29.73 S			-24	-48	0.20			-0.03	101	29.4%	23.1%	1.2%	46.3%	420	84.252	apc	flare off
1/10/2012	48	29.85 F			-20.7	-48	0.20				111	33.5%	27.1%	0.1%	39.3%	350	70.21	APC	flare off
1/16/2012	33	29.81 R			-18	-48	0.20			0.01	101	29.5%	27.0%	0.0%	43.5%	400	80.24	apc	flare off
1/23/2012	25	29.58 R			-20.7	-48	0.20			0.02	107	28.0%	26.5%	0.4%	45.1%	400	80.24	apc	flare off
2/2/2012	36	30.29 R			-18	-48	0.20			0.02	104	22.0%	24.1%	0.3%	53.6%	425	85.255	apc	flare off
2/7/2012	27	30.5 S			-18.4	-48	0.20			0.20	102	21.6%	24.5%	0.4%	53.5%	400	80.24	apc	flare off
2/17/2012	35	29.97 S			-18.7	-48	0.20				106	24.2%	25.3%	0.3%	50.2%	400	80.24	apc	
2/21/2012	35	29.57 S			-18.8	-48	0.20			-0.03	103	23.9%	24.9%	0.2%	51.0%	400	80.24	apc	flare off
2/27/2012	28	30.354 R			-19.5	-48	0.20				101	19.0%	23.5%	0.5%	57.0%	400	80.24	apc	flare off
3/21/2012	60	29.96 R				-46	0.32			-0.03	107	19.8%	24.4%	3.0%	52.8%	400	80.24	RDS	flare off
3/27/2012	68	28.54 R				-45	0.07				108	33.9%	28.8%	1.1%	36.3%	400	80.24	RDS	flare off
4/4/2012	66	28.90 S				-46	0.08			0.01		26.3%	24.0%	2.0%	47.7%	400	80.24	SEM	flare off
4/11/2012	43	29.26 S				-46	0.17			0.02	110	22.0%	22.3%	3.6%	52.1%	425	85.255	SEM	flare off
4/18/2012	60	28.74				-44	0.02			0.02	123	23.3%	23.6%	3.3%	49.8%	912.3	183.00738	SEM/RDS	flare off
4/25/2012	52	28.47 F				-43	0.20			0.20	99	26.2%	25.3%	3.0%	45.5%	900	180.54	SEM/RDS	flare off
5/2/2012	71	28.64 S				-44	0.02			0.20	136	23.8%	24.1%	3.2%	48.9%		144	RDS	flare off
5/9/2012	58	28.89 S				-43.5				0.00	122	23.9%	24.7%	2.9%	48.5%		188	RDS	flare off
5/16/2012	58	29.04 S				-43				0.20	126	21.0%	24.4%	3.1%	51.5%		67	RDS	flare off
5/25/2012	72	28.87R				-43				0.20	134	19.9%	23.8%	3.2%	53.1%		95	RDS	flare off
5/29/2012	60	28.68R				-43.25				0.10	121	22.7%	24.3%	3.0%	50.0%		135	RDS	flare off
6/5/2012	75	28.89S				-43.25				0.30	137	16.9%	16.0%	8.5%	58.6%		64	RDS	flare off
6/13/2012	68	28.99S				-43.25				0.30	125	16.7%	18.3%	7.8%	57.2%		116	RDS	flare off
6/22/2012	84	28.89S				-43.25				0.30	143	17.5%	18.8%	6.6%	57.1%		144	RDS	flare off
6/25/2012	77	28.98S				-43.25				0.30	140	16.8%	16.5%	8.1%	58.6%		91	RDS	flare off
7/3/2012	85	28.67S				-43.25				0.30	135	17.7%	18.1%	7.7%	56.5%		77	RDS	flare off
7/9/2012	83	30.15S				-43.25				0.30	138	17.1%	17.8%	8.3%	56.8%		80	RDS	flare off
7/19/2012	74	28.76S				-43.25				0.30	122	16.0%	18.2%	7.2%	58.6%		93	RDS	flare off
7/23/2012	92	28.80F				-43				0.40	151	17.7%	20.7%	5.6%	56.0%		74	RDS	flare off
7/30/2012	73	28.78S				-43				0.40	131	18.6%	18.0%	7.8%	55.6%		125	RDS	flare off
8/6/2012	67	28.98S				-43				0.40	130	23.9%	25.2%	2.7%	48.2%		87	RDS	flare off
8/15/2012	69	28.71F				-43				0.40	120	24.7%	26.4%	1.9%	47.0%		121	RDS	flare off
8/20/2012	72	28.89S				-43				0.50	140	22.4%	25.7%	1.7%	50.2%		93	RDS	flare off
8/27/2012	73	29.00S				-43				0.50	132	19.3%	25.1%	1.9%	53.7%		90	RDS	flare off
9/4/2012	92	28.67S				-43				0.50	141	20.5%	25.6%	1.6%	52.3%		113	RDS	flare off
9/10/2012	69	28.89F				-43				0.50	128	19.2%	24.6%	1.7%	54.5%		56	RDS	flare off
9/17/2012	56	28.83S				-43				0.50	117	18.6%	25.0%	1.8%	54.6%		98	RDS	flare off
9/25/2012	64	28.77R				-43				0.40	121	16.7%	24.3%	1.8%	57.2%		108	RDS	flare off
10/1/2012	62	28.77S				-43				0.40	114	15.7%	24.1%	1.9%	58.3%		131	RDS	flare off
10/18/2012	44	29.25R								System shut down blower failure								RDS	
10/22/2012	60	28.76R								System shut down blower failure								RDS	
10/31/2012	40	30.00F								System shut down blower failure								RDS	
11/7/2012	39	29.03F								System shut down blower failure								RDS	
11/13/2012	36	30.15F								System shut down blower failure								RDS	
11/19/2012	50	30.06S								System shut down blower failure								RDS	
11/27/2012	25	30.20F								System shut down blower failure								RDS	
12/7/2012	34	30.03S								System shut down blower failure								RDS	
12/12/2012	24	29.9F								System shut down blower failure								RDS	
12/19/2012	28	29.99S								System shut down blower failure								RDS	
12/27/2012	20	30.25F								System shut down blower failure								RDS	

TABLE 4
SYSTEM MONITORING
Junker Sanitary Landfill FID #656026800

DATE	WEATHER				BLOWER/HEADER				POWER METER READING	GAS TO FLARE								TECHNICIAN	COMMENTS	
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION		PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW			
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min			
1/2/2013	14	29.95S																	RDS	System shut down blower failure
1/8/2013	32	29.83F																	RDS	System shut down blower failure
1/15/2013	22	29.00S																	RDS	System shut down blower failure
1/23/2013	11	30.17S																	RDS	System shut down blower failure
2/8/2013	16	30.36S																	RDS	System shut down blower failure
2/12/2013	26	29.90F																	RDS	System shut down blower failure
2/27/2013	35	29.90R																	RDS	System shut down blower failure
3/7/2013	38	30.35S																	RDS	System shut down blower failure
3/13/2013	32	30.30S																		System shut down blower failure
3/28/2013	32	30.34S																	RDS	System shut down blower failure
4/2/2013	26	30.30S																	RDS	System shut down blower failure
4/9/2013	38	30.05S																	RDS	System shut down blower failure
4/18/2013	33	28.52F																	RDS	System shut down blower failure
4/22/2013	38	30.19S																	RDS	System shut down blower failure
4/29/2013	55	28.60F																	RDS	System shut down blower failure
5/8/2013	60	28.83S																	RDS	System shut down blower failure
5/13/2013	50	28.81S																	RDS	System shut down blower failure
5/22/2013	53	28.59R				NA		50		0.00	61	34.9%	24.3%	6.3%	34.4%		116	RDS		
5/29/2013	70	28.63F				NA		50		0.00	82	30.9%	20.4%	7.0%	41.7%		132	RDS		
6/6/2013	58	28.88S				NA		50		0.20	77	46.9%	26.6%	4.9%	21.6%		158	RDS		
6/13/2013	73	28.93S				NA		50		0.20	83	39.4%	25.9%	3.6%	31.1%		261	RDS		
6/18/2013	65	28.93S				NA		50		0.10	73	37.0%	26.1%	3.5%	33.4%		122	RDS		
6/25/2013	80	28.64S				NA		50		0.80	86	38.2%	28.6%	1.0%	32.2%		144	RDS		
7/2/2013	79	28.96S				NA		70		0.80	90	31.4%	27.2%	1.2%	40.2%		204	RDS		
7/8/2013	82	28.85S				NA		70		0.80	89	26.5%	27.0%	1.4%	45.1%		204	RDS		
7/17/2013	90	29.09S				NA		70		0.90	91	22.3%	26.2%	1.3%	50.2%		110	RDS		
7/26/2013	63	28.78S				NA		40		0.80	80	20.1%	26.3%	1.0%	52.6%		169	RDS		
8/1/2013	74	28.87S				NA		40		0.20	88	22.0%	26.1%	1.3%	50.6%		113	RDS		
8/8/2013	72	28.89S				NA		40		0.20	82	22.3%	26.6%	1.4%	49.7%		116	RDS		
8/13/2013	70	29.02S				NA		40		0.20	86	22.7%	25.9%	1.5%	49.9%		257	RDS		
8/19/2013	70	28.85S				NA		40		0.20	77	24.5%	26.8%	1.3%	47.4%		165	RDS		
8/27/2013	90	28.68S				NA		40		0.20	91	25.3%	26.9%	1.1%	46.7%		115	RDS		
9/3/2013	71	28.89S				NA		40		0.10	82	24.3%	26.7%	1.2%	47.8%		138	RDS		
9/11/2013	82	28.86S				NA		40		0.40	78	23.4%	26.7%	1.0%	48.9%		100	RDS		
9/17/2013	70	28.95F				NA		40		0.40	76	24.1%	26.3%	1.0%	48.6%		205	RDS		
9/24/2013	52	28.82S				NA		40		0.30	76	19.6%	24.2%	3.0%	53.2%		115	RDS		
10/2/2013	72	28.87S				NA		40		0.40	75	20.0%	26.3%	1.0%	52.7%		69	RDS		
10/8/2013	64	28.73F				NA		40		0.30	62	20.5%	26.3%	1.3%	51.9%		43	RDS		
10/15/2013	52	28.51F				NA		40		0.30	59	23.0%	26.8%	1.1%	49.1%		51	RDS		
10/24/2013	39	29.05R				NA		40		0.40	60	19.4%	25.6%	1.3%	53.7%		85	RDS		
10/28/2013	42	29.2R				NA		40		0.30	52	19.3%	25.6%	1.2%	53.9%		84	RDS		
11/4/2013	42	28.71S				NA		40		0.30	52	21.8%	26.2%	1.1%	50.9%		76	RDS		
11/11/2013	26	29.24R				NA		40		0.40	46	18.4%	24.8%	1.5%	55.3%		61	RDS		
11/19/2013	26	29.01F				NA		40		0.30	41	18.4%	24.0%	2.8%	54.8%		160	RDS		
11/25/2013	38	28.76S				NA		40		0.40	46	22.6%	26.1%	1.2%	50.1%		100	RDS		
12/5/2013	8	30.04R				NA		40		0.40	46	19.2%	24.2%	1.2%	55.4%		76	RDS		
12/13/2013	12	29.04S				NA		40		0.50	47	36.7%	26.3%	4.9%	32.1%		-	RDS		
12/18/2013	26	28.62S				NA		40		0.60	28	43.2%	28.7%	2.0%	26.1%		-	RDS		
12/27/2013	30	28.81F				NA		70		0.30	57	28.0%	26.6%	1.8%	43.6%		370	RDS		

TABLE 4
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DATE	WEATHER				BLOWER/HEADER				POWER METER READING	GAS TO FLARE								TECHNICIAN	COMMENTS		
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION		PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW				
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min				
12/30/2013	-7	29.1F				NA		70		0.40	44	20.3%	25.8%	1.7%	52.2%		356	RDS			
1/7/2014	-1	29.01R				NA		70		0.20	47	15.6%	24.4%	2.5%	57.5%		273	RDS			
1/15/2014	3	28.92F				NA		70		0.10	48	10.9%	16.7%	7.6%	64.8%		466	RDS			
1/20/2014	14	28.87R				NA		70		0.20	50	12.9%	21.7%	3.4%	62.0%		336	RDS			
1/29/2014	16	28.66F				NA		70		0.20	47	13.6%	22.5%	2.5%	61.4%		333	RDS			
2/4/2014	9	29.25S				NA		70		0.30	50	13.4%	21.9%	2.3%	62.4%		378	RDS			
2/11/2014	7	29.15F				NA		70		0.10	46	12.5%	22.6%	2.3%	62.6%		288	RDS			
2/18/2014	33	28.42S				NA		70		0.20	52	14.9%	22.9%	2.0%	60.2%		300	RDS			
2/28/2014	6	28.79S				NA		70		0.10	41	12.6%	20.8%	3.4%	63.2%		339	RDS			
3/5/2014	18	29.29R				NA		70		0.10	47	11.8%	21.1%	2.5%	64.6%		310	RDS			
3/11/2014	37	28.69R				NA		70		0.10	53	12.3%	20.9%	2.7%	64.1%		301	RDS			
3/18/2014	30	29.78S								System shut down										RDS	
3/25/2014	18	29.07S				NA		70		0.40	50	12.5%	22.0%	1.9%	63.6%		308	RDS			
4/1/2014	29	28.79R				NA		70		0.20	51	11.0%	23.1%	2.4%	63.5%		196	RDS			
4/8/2014	40	28.80R				NA		70		0.50	55	12.9%	21.2%	2.1%	63.8%		324	RDS			
4/15/2014	30	28.97S				NA		70		0.60	54	8.2%	12.1%	10.6%	69.1%		348	RDS			
4/22/2014	45	28.96S				NA		70		0.10	62	13.6%	20.7%	2.1%	63.6%		325	RDS			
5/1/2014	40	28.64R				NA		70		0.20	60	14.2%	21.3%	1.9%	62.6%		346	RDS			
5/8/2014	60	28.52F				NA		50		-0.20	68	18.5%	21.3%	1.8%	58.4%		248	RDS			
5/14/2014	46	29.10S				NA		50		-0.20	58	16.3%	23.3%	1.4%	59.0%		202	RDS			
5/20/2014	67	28.72S				NA		50		-0.10	72	17.4%	23.2%	0.7%	58.7%		308	RDS			
5/27/2014	69	28.80R				NA		50		-0.10	69	18.5%	23.5%	0.4%	57.6%		333	RDS			
6/3/2014	70	28.80S				NA		50		-0.10	94	18.9%	23.6%	0.4%	57.1%		319	RDS			
6/10/2014	69	28.85F				NA		50		-0.20	74	19.6%	24.2%	0.4%	55.8%		293	RDS			
6/16/2014	82	28.77S				NA		50		-0.10	94	18.9%	23.6%	0.4%	57.1%		422	RDS			
6/25/2014	56	28.93S				NA		50		-0.20	68	20.6%	24.6%	0.4%	54.4%		281	RDS			
7/1/2014	74	28.50R				NA		50		-0.20	90	21.9%	24.8%	0.4%	52.9%		281	RDS			
7/10/2014	75	28.94S				NA		50		-0.10	94	21.6%	24.2%	0.3%	53.9%		341	RDS			
7/15/2014	61	29.94F				NA		50		-0.20	78	21.6%	24.7%	0.4%	53.3%		303	RDS			
7/21/2014	80	28.81S				NA		50		-0.20	96	22.5%	24.6%	0.4%	52.5%		319	RDS			
7/28/2014	68	29.07S				NA		50		-0.10	80	25.2%	25.4%	0.4%	49.0%		322	RDS			
8/5/2014	67	29.00S				NA		50		0.00	81	22.2%	23.6%	0.8%	53.4%		338	RDS			
8/12/2014	72	28.93F				NA		50		0.20	81	20.4%	23.8%	0.6%	55.2%		0	RDS			
8/19/2014	79	28.63S				NA		50		0.30	80	26.5%	25.9%	0.2%	47.4%		0	RDS			
8/29/2014	74	28.69S				NA		50		0.30	77	20.0%	25.2%	0.4%	54.4%		0	RDS			
9/3/2014	62	28.79S				NA		50		0.30	67	16.9%	23.5%	1.5%	58.1%		0	RDS			
9/13/2014	56	29.12F				NA		50		0.30	69	16.8%	24.7%	0.5%	58.0%		0	RDS			
9/19/2014	64	28.75F				NA		50		0.20	70	18.1%	25.4%	0.3%	56.2%		0	RDS			
9/24/2014	55	29.08S				NA		50		0.00	63	17.8%	23.8%	1.3%	57.1%		0	RDS			
10/1/2014	50	29.94R				NA		50	11152	0.00	60	18.9%	25.2%	0.6%	55.4%		158	SEM			
10/7/2014	45	29.54R				NA		65	11214	0.20	51	15.8%	18.9%	6.0%	59.3%		153	SEM			
10/12/2014	60	28.76F				NA		65	11365	0.50	74	17.1%	24.6%	0.6%	57.6%		212	RDS			
10/18/2014	52	29.09S				NA		65	11536	0.50	76	13.4%	23.5%	1.3%	61.8%		136	RDS			
10/25/2014	60	28.89S				NA		65	11734	0.40	73	13.9%	23.6%	1.2%	61.3%		160	RDS			
11/7/2014	38	28.74F				NA		65	12224	0.50	58	15.2%	24.6%	0.6%	59.6%		143	RDS			
11/21/2014	25	28.95F				NA		70	12400	0.40	50	19.0%	23.4%	2.8%	54.8%		251	RDS			
11/25/2014	22	28.91R				NA		70	12561	0.60	59	14.6%	23.3%	1.7%	60.4%		185	RDS			
12/1/2014	5	29.53S				NA		70	12835	0.60	57	12.1%	22.3%	2.1%	63.5%		158	RDS			
12/12/2014	34	29.00S				NA		70	13075	0.10	62	25.2%	25.3%	0.6%	48.9%		85	RDS			

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DATE	WEATHER				BLOWER/HEADER				POWER METER READING	GAS TO FLARE								TECHNICIAN	COMMENTS	
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION		PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW			
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%		KwhR	in H2O	*F	%	%	%	%	feet/min			cubic ft/min
12/18/2014	22	29.16S				NA		70	13253	0.10	61	17.2%	24.7%	0.8%	57.3%		129	RDS		
12/23/2014	32	28.56R				NA		70	13493	0.10	51	19.0%	25.8%	0.7%	54.5%		0	RDS		
1/2/2015	13	29.05F				NA		70	14065	0.10	57	16.5%	24.3%	1.1%	58.1%		43	RDS		
1/6/2015	-2	29.16S				NA		70	14316	0.00	53	16.9%	24.0%	1.1%	58.0%		0	SEM		
1/15/2015	30	28.79S				NA		70	15011	0.10	63	17.0%	24.7%	0.9%	57.4%		0	RDS		
1/19/2015	29	28.79F				NA		70	15246	0.10	57	17.4%	23.9%	1.0%	57.7%		0	RDS		
1/30/2015	15	28.29F				NA		70	15902	1.00	51	17.3%	22.8%	1.9%	58.0%		302	RDS		
2/6/2015	20	28.86F				NA		70	16402	1.00	50	13.2%	21.6%	3.0%	62.2%		257	RDS		
2/12/2015	-2	29.43S				NA		70	16807	1.20	49	11.2%	20.3%	3.2%	65.3%		357	RDS		
2/16/2015	9	28.95F				NA		70	17118	1.10	49	12.4%	21.7%	2.1%	63.8%		273	RDS		
2/24/2015	28	28.56R																	RDS	
3/4/2015	5	30.23R																	RDS	
3/13/2015	50	28.90S				NA		70	18163	0.20	67	19.2%	25.0%	0.4%	55.4%		357	RDS		
3/20/2015	40	28.88S				NA		70	18485	0.20	65	16.8%	24.3%	0.8%	58.1%		456	RDS		
3/26/2015	29	28.97S				NA		70	18789	0.10	62	16.2%	26.1%	0.9%	56.8%		237	RDS		
4/1/2015	60	28.62F				NA		70	19088	0.20	70	17.5%	24.0%	1.0%	57.5%		287	RDS		
4/7/2015	37	29.03S				NA		70	19303	0.20	60	16.7%	23.6%	1.1%	58.6%		273	RDS		
4/16/2015	55	28.94S				NA		70	19723	0.20	71	15.7%	23.6%	1.0%	59.7%		306	RDS		
4/22/2015	34	28.73S				NA		90	19848	2.30	73	16.5%	18.7%	3.7%	61.1%		489	RDS		
4/29/2015	62	28.92F				NA		70	20105	0.90	65	13.8%	18.4%	5.2%	62.6%		351	RDS		
5/5/2015	67	29.06S				NA		70	20346	1.60	66	9.5%	16.3%	6.4%	67.8%		366	RDS		
5/12/2015	45	28.97R				NA		70	20621	0.10	62	9.1%	18.3%	4.9%	67.7%		440	RDS		
5/22/2015	63	29.09S				NA		70	20994	0.30	69	8.2%	16.6%	5.7%	69.5%		585	RDS		
5/26/2015	62	28.66S				NA		70	21152	0.20	67	10.6%	19.6%	3.1%	66.7%		380	RDS		
6/2/2015	63	28.94S				NA		70	21422	0.10	70	9.2%	18.8%	3.3%	68.7%		240	RDS		
6/10/2015	74	28.70S				NA		80	21736	0.80	81	10.0%	21.0%	0.9%	68.1%		494	RDS		
6/16/2015	70	29.08S				NA		80	22086	0.80	78	7.5%	20.9%	1.1%	70.5%		147	RDS		
6/22/2015	64	28.35S				NA		80	22408	0.00	79	11.5%	22.1%	1.2%	65.2%		398	RDS		
6/30/2015	70	28.82S				NA		80	22831	-0.20	90	7.7%	20.1%	2.2%	70.0%	432	432	RDS		
7/8/2015	70	28.94F				NA		80	23206	-0.70	94	10.2%	21.1%	1.5%	67.2%		435	RDS		
7/14/2015	78	28.68S				NA		80	23485	-0.70	98	10.3%	21.1%	1.8%	66.6%		399	RDS		
7/21/2015	70	28.86S				NA		80	23817	-0.70	98	10.0%	20.5%	2.1%	67.4%		548	RDS		
7/27/2015	81	28.87S				NA		80	24103	-0.60	98	4.7%	13.5%	7.9%	73.9%		436	RDS		
8/4/2015	75	28.89S				NA		80	24534	0.30	86	11.7%	22.5%	1.6%	64.2%		349	RDS		
8/11/2015	78	29.04S				NA		80	24913	-0.20	94	7.4%	19.6%	2.7%	70.3%		411	RDS		
8/21/2015	74	28.77F				NA		80	25091	0.50	80	17.5%	21.8%	1.8%	58.9%		396	RDS		
8/25/2015	69	28.95R				NA		80	25172	0.50	87	18.0%	23.4%	5.0%	58.1%		428	RDS		
9/3/2015	78	28.82S				NA		70	25657	0.00	81	11.0%	22.4%	1.3%	65.3%		382	RDS		
9/9/2015	69	25.85S				NA		70	25861	-0.30	80	10.8%	22.1%	1.2%	65.9%		427	RDS		
9/16/2015	80	28.81S				NA		70	26103	-0.10	82	10.3%	22.3%	1.2%	66.2%		359	RDS		
9/24/2015	69	29.12S				NA		70	26380	-0.20	77	10.2%	22.3%	1.2%	66.3%		331	RDS		
9/29/2015	48	29.11R				NA		70	26411	-0.30	69	15.7%	19.6%	3.9%	60.8%		397	RDS		
10/9/2015	50	30.32S				NA		70	26777	0.30	72	4.5%	10.2%	11.8%	73.5%		573	RDS		
10/15/2015	54	28.9S				NA		70	26987	1.00	75	10.9%	22.1%	1.2%	65.8%		377	RDS		
10/22/2015	58	29.16S				NA		70	27235	1.00	58	9.7%	22.8%	1.3%	66.3%		32	SEM		
10/26/2015	57	29.11S				NA		70	27385	0.00	72	10.3%	22.7%	0.1%	66.1%		391	RDS		
11/3/2015	60	28.84F				NA		70	27661	-0.10	70	10.4%	22.7%	0.1%	66.0%		312	RDS		
11/13/2015	39	28.96R				NA		70	28094	0.00	68	11.4%	22.9%	0.1%	65.0%		442	RDS		
11/20/2015	27	29.08R				NA		70	28417	-0.10	63	11.1%	23.2%	0.1%	64.9%		354	RDS		

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	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION		PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min		
11/23/2015	46	28.87R				NA		70	28590	0.00	66	11.1%	24.1%	0.1%	64.1%		262	RDS	
12/3/2015	24	29.06S				NA		70	29120	0.80	59	10.6%	22.7%	1.3%	65.4%		160	SEM	
12/11/2015	42	28.63R				NA		70	29537	0.80	63	11.5%	22.9%	0.1%	64.9%		460	RDS	
12/17/2015	27	28.68S				NA		70	29852	0.80	58	12.0%	22.6%	1.1%	64.3%		232	RDS	
12/21/2015	36	28.70S				NA		70	30083	0.70	59	11.7%	23.2%	0.1%	64.2%		293	RDS	
12/28/2015	18	29.09F				NA		70	30479	1.30	52	11.7%	22.7%	0.9%	64.7%		318	RDS	
1/4/2016	32	29.98F				NA		70	30895	1.30	54	10.7%	22.5%	1.0%	65.8%		516	RDS	
1/12/2016	0	28.97R				NA		70	31397	1.10	51	9.8%	22.2%	0.9%	67.1%		322	RDS	
1/19/2016	5	29.30S				NA		70	31870	1.30	50	9.7%	22.2%	0.9%	67.2%		262	RDS	
1/27/2016	33	28.71F				NA		70	32346	1.30	52	11.1%	22.8%	0.5%	65.6%		309	RDS	
2/1/2016	26	28.87R				NA		70	32615	1.40	56	10.5%	21.6%	1.3%	66.6%		483	RDS	
2/10/2016	8	28.99S				NA		70	33100	0.80	50	9.5%	20.4%	1.2%	68.9%		406	RDS	
2/16/2016	34	28.78R				NA		70	33455	0.70	56	9.2%	20.5%	1.0%	69.3%		435	RDS	
2/22/2016	43	28.99F				NA		70	33769	0.90	55	10.4%	20.8%	0.7%	68.1%		351	RDS	
3/1/2016	22	29.04S				NA		70	34172	0.50	53	9.9%	21.7%	1.0%	67.4%		396	RDS	
3/7/2016	63	28.64S				NA		70	34461	0.50	65	11.2%	19.8%	2.7%	66.1%		428	RDS	
3/15/2016	51	28.57R				NA		70	34797	0.10	62	10.7%	19.3%	3.6%	66.4%		448	RDS	
3/22/2016	60	28.63S				NA		70	35114	0.00	66	12.7%	21.5%	1.7%	64.0%		51	SEM	
3/28/2016	47	29.07R				NA		70	35381	-0.20	63	12.2%	21.4%	1.5%	64.9%		335	RDS	
4/4/2016	33	29.23R				NA		70	35674*	0.00	59	8.3%	15.7%	5.9%	70.1%		337	RDS	
4/11/2016	36	28.97R				NA		70	316	-0.20	59	11.9%	21.1%	2.7%	64.3%		309	RDS	
4/26/2016	45	28.97R				NA		70	392	0.00	63	13.4%	22.4%	1.5%	62.7%		392	RDS	
5/2/2016	65	29.00F				NA		70	363	0.00	77	13.2%	20.7%	2.2%	63.9%		363	RDS	
5/9/2016	60	28.81F				NA		70	467	-0.10	71	12.0%	19.2%	3.7%	65.1%		467	RDS	
5/17/2016	56	29.29R				NA		70	1754	-0.20	71	12.3%	20.4%	2.6%	64.7%		373	RDS	
5/24/2016	81	28.85R				NA		70	1990	0.00	84	14.0%	20.8%	2.2%	63.0%		429	RDS	
5/31/2016	71	28.82S				NA		70	2214	0.00	76	14.9%	22.1%	1.4%	61.6%		350	RDS	
6/6/2016	64	28.73R				NA		70	2410	-0.20	77	14.8%	22.1%	1.4%	61.7%		412	RDS	
6/15/2016	70	28.68R				NA		70	2699	8.20	81	5.3%	9.0%	12.4%	73.3%		382	RDS	
6/21/2016	79	28.93F				NA		70	2895	7.80	87	15.0%	21.0%	2.1%	61.9%		302	RDS	
6/28/2016	72	29.22F				NA		70	3114	8.20	83	14.1%	21.8%	1.8%	62.3%		184	RDS	
7/8/2016	70	28.82R				NA		70	3200	0.20	83	21.6%	21.3%	2.4%	54.8%		289	SEM	
7/11/2016	76	28.74F				NA		70	3378	0.10	83	17.5%	23.3%	1.0%	58.2%		252	RDS	
7/21/2016	86	28.86S				NA		70	3691	0.40	87	17.0%	22.7%	1.2%	59.1%		299	RDS	
7/25/2016	82	29.04S				NA		70	3817	0.20	89	14.9%	22.1%	2.0%	61.0%		345	RDS	
8/1/2016	79	29.00F				NA		70	3892	0.20	88	21.6%	15.8%	7.0%	55.6%		238	RDS	
8/9/2016	82	28.89S				NA		70	4146	0.50	89	17.3%	22.1%	1.8%	58.8%		228	RDS	
8/17/2016	78	29.03F				NA		70	4396	0.30	93	18.1%	24.2%	0.8%	56.9%		325	RDS	
8/24/2016	74	28.86R				NA		70	4616	0.20	88	18.2%	24.9%	0.8%	56.1%		317	RDS	
8/29/2016	80	29.21F				NA		70	4775	0.40	88	16.7%	24.6%	1.1%	57.6%		399	RDS	
9/9/2016	70	28.88R				NA		70	4989	0.20	79	24.2%	21.3%	3.8%	50.7%		165	RDS	
9/12/2016	74	28.81S				NA		70	5085	0.20	86	21.1%	25.7%	9.0%	52.3%		146	RDS	
9/20/2016	73	29.09F				NA		70	5097	0.50	85	27.7%	23.1%	3.1%	46.1%		103	RDS	
9/28/2016	60	29.13S				NA		70	5353	1.10	80	21.8%	24.5%	2.9%	50.8%		257	RDS	
10/4/2016	70	28.80R				NA		70	5394	0.40	77	36.1%	28.0%	1.9%	34.1%		289	SEM	
10/10/2016	74	29.00F				NA		70	5598	0.40	80	24.0%	25.6%	2.2%	48.2%		141	SEM	
10/19/2016	54	29.10S				NA		70	5900	0.40	77	19.2%	24.1%	2.9%	53.9%		286	SEM	
10/25/2016	56	29.28F				NA		70	6106	0.80	70	19.3%	24.4%	2.5%	53.8%		239	SEM	
11/1/2016	60	28.85R				NA		70	6339	-	76	17.4%	23.3%	2.9%	56.4%		408	SEM/KAL	

TABLE 4
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DATE	WEATHER				BLOWER/HEADER				GAS TO FLARE									TECHNICIAN	COMMENTS
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION	POWER METER READING	PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	°F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	°F	%	%	%	%	feet/min	cubic ft/min		
11/9/2016	58	29.26F				NA		70	6569	-	62	26.6%	24.8%	2.4%	46.4%		347	SEM/KJB	
11/25/2016	34	30.29F				NA		70	7488	-	-	22.3%	24.6%	2.2%	51.2%		-	KJB	
12/1/2016	33	28.82R				NA		70	7844	1.10	61	10.0%	21.0%	3.4%	65.6%		27	KJB	
12/8/2016	19	29.70F				NA		70	8314	-	58	9.0%	20.8%	3.2%	67.1%		-	KAL/JAL	
12/14/2016	5	29.07S				NA		70	8748	1.20	53	9.2%	20.4%	2.9%	67.5%		34	KAL/KJB	
12/20/2016	25	28.88R				NA		70	9195	-	56	9.5%	20.6%	2.3%	67.6%		11	KAL	
12/28/2016	30	28.63R				NA		70	9706	-0.30	56	9.8%	23.1%	0.6%	66.5%		205	KAL	
1/3/2017	15	28.98	736.09	R		NA		70	10098	0.10	53	8.3%	21.8%	1.1%	68.8%		150	KAL/KJB	
1/10/2017	25	28.27	718.06	F		NA		70	10660	1.10	-	9.7%	21.8%	0.4%	68.1%		255	KAL	Flow is based on Avg. Flow in 2016
1/16/2017	23	29.02	737.11	S		NA		70	11087	1.00	-	9.3%	21.1%	0.7%	68.9%		255	KAL	Flow is based on Avg. Flow in 2016
1/23/2017	33	28.72	729.49	S		NA		70	11478	1.20	-	8.6%	20.8%	1.0%	69.6%		255	KAL	Flow is based on Avg. Flow in 2016
1/30/2017	21	28.56	725.42	S		NA		70	11889	1.20	-	11.4%	21.8%	0.4%	66.4%		255	KAL	Flow is based on Avg. Flow in 2016
2/6/2017	28	28.63	727.20	F		NA		70	12344	1.60	-	10.2%	21.4%	0.5%	67.9%		255	KAL	Flow is based on Avg. Flow in 2016
2/13/2017	44	28.88	733.55	F		NA		70	12759	1.10	-	10.3%	21.3%	0.5%	67.9%		255	KJB	Flow is based on Avg. Flow in 2016
2/21/2017	58	28.62	726.95	S		NA		70	13209	0.40	-	10.1%	21.2%	0.6%	68.1%		255	KAL	Flow is based on Avg. Flow in 2016
3/3/2017	Extraction system not working																KAL	Blower Down	
3/7/2017	Extraction system not working																KAL	Blower Down	
3/15/2017	29	29.21	741.93	S		NA		70	13878	1.20	-	14.1%	21.4%	1.3%	63.2%		255	KAL	Flow is based on Avg. Flow in 2016
3/22/2017	37	29.42	747.27	S		NA		70	14203	1.50	-	10.9%	20.6%	1.7%	66.8%		255	KAL	Flow is based on Avg. Flow in 2016
3/28/2017	38	29.01	736.85	R		NA		70	14487	1.40	-	8.8%	21.3%	1.8%	68.1%		255	KAL	Flow is based on Avg. Flow in 2016
4/5/2017	47	30	762.00	S		NA		70	14888	1.60	59	7.9%	21.2%	1.8%	69.1%		87	KAL	
4/11/2017	34	30.25	768.35	S		NA		70	15179	1.70	59	7.2%	21.5%	1.9%	69.4%		179	KAL	
4/15/2017	72	28.67	728.218	S		NA		70	15383	1.80	66	7.8%	20.8%	1.1%	70.3%		411	KAL	
4/28/2017	43	29.95	760.73	R		NA		70	15990	1.30	65	6.8%	20.2%	1.9%	71.1%		310	KAL	
5/5/2017	65	28.84	732.54	R		NA		70	16319	1.30	71	6.4%	20.7%	1.0%	71.9%		283	KJB	
5/8/2017	60	28.85	732.79	F		NA		70	16463	1.50	70	6.6%	20.6%	1.0%	71.8%		66	KAL	
5/17/2017	62	29.56	750.82	S		NA		70	16861	1.80	71	6.7%	21.1%	0.9%	71.3%		402	KAL	
5/24/2017	65	28.63	727.20	S		NA		70	16900	1.30	66	9.7%	21.6%	0.2%	68.5%		402	AMB/CGA	Blower Down
5/31/2017	79	30	762.00	S		NA		70	16905	1.20	79	8.6%	14.4%	7.5%	69.5%		293	KAL	Replaced Fuses
6/5/2017	77	30	762.00	S		NA		70	17096	1.90	73	5.6%	8.9%	12.4%	73.1%		287	KAL/KJB	Condensate Full, automatic shut down
6/17/2017	81	29.62	752.35	S		NA		70	17373	1.70	87	12.0%	17.7%	5.7%	64.6%		410	KAL	Restarted Blower
6/21/2017	68	29.95	760.73	S		NA		70	17549	1.40	78	11.9%	22.2%	1.2%	64.7%		244	KAL	
6/26/2017	62	30.17	766.32	S		NA		70	17786	1.50	75	9.9%	21.0%	1.5%	67.6%		191	KAL	
7/5/2017	80	29.98	761.49	S		NA		70	17888	2.10	80	11.4%	16.8%	5.7%	66.1%		217	JAL	Restarted Blower
7/12/2017	75	29.81	757.17	S		NA		70	18212	1.60	82	10.0%	21.8%	1.5%	66.7%		246	AMB	
7/17/2017	80	29.98	761.49	F		NA		70	18454	2.00	84	9.1%	21.2%	1.5%	68.2%		225	KAL	
7/27/2017	82	30.08	764.03	F		NA		70	18928	1.60	89	8.2%	20.7%	1.4%	69.6%		221	JAL	
8/1/2017	76	30.05	763.27	F		NA		70	19158	1.60	80	8.2%	21.0%	1.7%	69.1%		296	AMB	
8/11/2017	60	30.14	765.56	S		NA		70	19632	1.40	87	7.6%	20.5%	1.5%	70.4%		285	KAL	
8/15/2017	65	30.01	762.25	S		NA		70	19817	1.50	82	7.6%	21.3%	1.4%	69.7%		102	KAL	
8/25/2017	55	30.18	766.57	S		NA		70	20285	2.90	78	7.3%	21.0%	1.7%	70.0%		227	KAL	
8/30/2017	73	30.07	763.78	S		NA		70	20519	1.30	76	7.5%	20.9%	1.5%	70.1%		227	KAL	
9/6/2017	60	30.14	765.56	S		NA		70	20855	3.10	63	7.4%	21.2%	1.7%	69.7%		392	KAL	
9/13/2017	74	29.77	756.16	S		NA		70	21183	2.40	85	8.1%	21.4%	1.4%	69.1%		309	KAL	
9/22/2017	82	29.9	759.46	S		NA		70	21591	2.90	84	7.7%	21.2%	1.5%	69.5%		270	KJB	
9/26/2017	60	29.95	760.73	R		NA		70	21775	3.10	80	7.9%	21.4%	1.6%	69.1%		124	KJB	
10/7/2017	52	28.33	719.58	F		NA		70	22078	1.40	58	12.5%	23.5%	1.6%	63.8%		273	AMB	
10/9/2017	48	28.95	735.33	S		NA		70	22080	1.40	49	0.0%	0.0%	20.6%	79.4%		-	AMB	Blower Down
10/15/2017	45	30.16	766.06	S		NA		70	22085	2.60	66	19.1%	20.3%	4.3%	56.3%		273	KJB	Restarted Blower

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DATE	WEATHER				BLOWER/HEADER				POWER METER READING	GAS TO FLARE								TECHNICIAN	COMMENTS
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION		PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%		KwhR	in H2O	*F	%	%	%	%	feet/min		
10/26/2017	47	28.43	722.12	R		NA		70	22615	3.30	72	10.9%	21.2%	2.8%	65.1%		161	AMB	
11/2/2017	36	29.88	758.95	R		NA		70	22987	3.20	69	8.8%	20.2%	3.2%	67.8%		75	KJB	
11/10/2017	30	29.38	746.25	F		NA		70	23434	1.70	58	7.6%	18.2%	5.3%	68.9%		189	AMB	
11/17/2017	36	29.75	755.65	F		NA		70	23809	2.00	62	8.6%	18.4%	4.7%	68.3%		204	KJB	
11/22/2017	11	30.33	770.38	S		NA		70	24060	1.40	61	7.1%	17.2%	5.4%	70.3%		402	KJB	
11/27/2017	50	28.46	722.88	F		NA		70	24546	1.70	66	8.6%	18.3%	4.6%	68.5%		222	AMB	
12/8/2017	25	29.92	759.97	S		NA		70	24783	-	-	-	-	-	-		-	KAL	Blower Down
12/15/2017	19	29.9	759.46	S		NA		70	24848	-0.20	63	18.3%	21.4%	3.1%	57.2%		401	KAL	
12/19/2017	35	28.8	731.52	R		NA		70	25119	1.40	62	13.0%	23.2%	1.8%	62.0%		202	KAL	
12/28/2017	0	30.34	770.64	S		NA		70	25655	1.10	56	9.5%	21.4%	2.2%	66.9%		426	KAL	
1/3/2018	2	30.25	768.35	S		NA		70	25925	4.10	58	9.0%	20.9%	2.1%	68.0%		306	KAL	
1/8/2018	26	29.97	761.24	R		NA		70	26087	2.10	38	10.8%	16.5%	7.5%	65.2%		237	KAL	Restarted Blower
1/15/2018	3	30.33	770.38	S		NA		70	26443	0.90	50	9.0%	22.8%	1.0%	67.2%		287	KAL	
2/1/2018	-6	30.31	769.87	R		NA		70	26844	0.60	32	3.9%	8.3%	13.6%	74.2%		171	KAL	Restarted Blower
2/9/2018	8	30.39	771.91	F		NA		70	27240	1.10	58	10.7%	22.9%	0.8%	65.6%		211	KAL	
2/15/2018	32	28.7	728.98	R		NA		70	27530	0.90	63	10.7%	23.0%	0.8%	65.5%		221	KAL	Flow is based on Avg. Flow in 2018
2/21/2018	5	30.61	777.49	S		NA		70	27835	0.90	55	9.9%	23.2%	0.9%	66.0%		290	KAL	
2/27/2018	21	30.02	762.51	S		NA		70	28104	0.80	63	9.3%	22.3%	1.0%	67.4%		102	KAL	
3/7/2018	16	30.07	763.78	S		NA		70	28663	0.60	62	9.2%	22.1%	1.0%	67.7%		221	KAL	Flow is based on Avg. Flow in 2018
3/14/2018	25	28.89	733.81	S		NA		70	29037	0.80	63	9.1%	22.4%	0.9%	67.6%		194	KAL/AMB	
3/20/2018	25	30.06	763.52	S		NA		70	29328	0.20	61	12.8%	23.5%	0.4%	63.3%		259	KAL	
3/30/2018	27	30.15	765.81	F		NA		70	29709	0.20	48	13.3%	22.1%	1.8%	62.8%		17	KAL	Restarted Blower
4/6/2018	12	30.09	764.29	R		NA		70	30017	0.30	58	15.1%	24.3%	0.4%	60.2%		194	KAL	
4/12/2018	38	29.73	755.14	S		NA		70	30284	0.40	63	15.8%	24.6%	0.4%	59.2%		215	KAL/AMB	
4/16/2018	28	30.01	762.25	S		NA		70	30515	0.40	64	15.6%	25.2%	0.3%	58.9%		226	KAL	
4/27/2018	53	29.73	755.14	S		NA		70	30692	0.10	53	26.7%	25.5%	0.4%	47.4%		285	KAL	Restarted Blower
4/30/2018	56	29.93	760.22	F		NA		70	30807	0.20	56	20.4%	25.5%	0.3%	53.8%		101	KAL	
5/10/2018	48	30.07	763.78	S		NA		70	31182	0.10	79	18.6%	25.5%	0.3%	55.6%		196	KAL	
5/14/2018	61	29.96	760.98	S		NA		70	31199	0.00	82	16.0%	23.5%	1.5%	59.0%		145	KAL	Restarted Blower
5/22/2018	62	30.09	764.29	R		NA		70	31296	0.10	74	19.4%	21.6%	3.0%	56.0%		231	KAL	Restarted Blower
5/29/2018	80	29.91	759.71	S		NA		70	31436	0.10	91	22.8%	24.2%	0.7%	52.3%		276	KAL	Restarted Blower
6/7/2018	60	30.05	763.27	S		NA		70	31450	0.20	73	21.8%	20.6%	4.0%	53.6%		125	KAL	Restarted Blower
6/12/2018	68	29.94	760.48	S		NA		70	31518	-0.10	80	24.6%	23.1%	2.8%	49.5%		264	KAL	Restarted Blower
6/19/2018	59	28.98	736.09	S		NA		70	31589	-0.20	65	25.4%	25.4%	1.0%	48.2%		122	KAL	Restarted Blower
6/26/2018	70	28.82	732.03	S		NA		70	31778	0.50	81	19.7%	27.6%	0.4%	52.3%		315	AMB	
7/2/2018	75	29.98	761.49	S		NA		70	31942	0.40	126	15.2%	26.2%	0.5%	58.1%		170	KAL	
7/10/2018	71	29.17	740.92	S		NA		70	32163	0.30	84	14.1%	25.1%	0.5%	60.3%		294	KAL	
7/20/2018	65	29.91	759.71	R		NA		70	32440	0.20	83	14.7%	24.5%	0.6%	60.2%		251	AMB	
7/23/2018	68	30.08	764.03	S		NA		70	32525	0.30	99	13.6%	24.3%	0.6%	61.5%		233	KAL	
8/1/2018	72	29.9	759.46	S		NA		70	32778	0.40	-	14.3%	24.2%	0.6%	60.9%		183	CAS	
8/6/2018	68	30.03	762.76	S		NA		70	32916	0.20	85	13.6%	24.0%	0.6%	61.8%		434	CAS	
8/14/2018	67	29.98	761.49	S		NA		70	33140	0.50	89	13.5%	23.9%	0.6%	62.0%		151	KAL	
8/20/2018	70	30.02	762.51	S		NA		70	33235	0.60	83	15.9%	24.5%	0.3%	59.3%		237	AMB	Restarted Blower
8/27/2018	85	29.71	754.63	F		NA		70	33465	0.50	91	15.1%	24.5%	0.6%	59.8%		221	AMB	Flow is based on Avg. Flow in 2018
9/7/2018	74	30.33	770.38	F		NA		70	33829	0.40	90	12.9%	23.3%	0.6%	63.2%		206	JAL	
9/11/2018	80	30	762.00	F		NA		70	33959	0.60	90	14.1%	24.0%	0.7%	61.2%		84	AMB	
9/19/2018	60	30.02	762.51	S		NA		70	34219	0.50	82	13.8%	24.3%	0.6%	61.3%		344	KAL	
9/24/2018	60	29.95	760.73	S		NA		70	34258	1.00	79	31.5%	26.6%	0.3%	41.6%		246	KAL	Restarted Blower
10/4/2018	42	30.36	771.14	S		NA		70	34620	1.00	77	13.9%	23.5%	0.9%	61.7%		154	KAL	

TABLE 4
SYSTEM MONITORING
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DATE	WEATHER				BLOWER/HEADER				GAS TO FLARE									TECHNICIAN	COMMENTS
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION	POWER METER READING	PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min		
10/11/2018	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	KAL	Condensate Full, Blower off
10/15/2018	34	30.2	767.08	S		NA		70	34935	0.60	59	25.2%	26.5%	0.4%	47.9%		273	KAL	Restarted Blower
10/29/2018	30	30	762.00	S		NA		65	35281	0.60	45	29.9%	26.8%	3.2%	40.1%		221	AMB/MEE	Flow is based on Avg. Flow in 2018. Restarted Blower
11/1/2018	32	29.97	761.24	F		NA		65	35429	0.40	62	21.2%	26.5%	0.7%	51.6%		171	KAL	
11/6/2018	37	29.71	754.63	R		NA		65	35678	0.60	63	17.8%	25.6%	0.6%	56.0%		11	KAL	
11/13/2018	10	30.5	774.70	S		NA		65	36100	1.00	57	15.5%	24.8%	0.7%	59.0%		384	KAL	
11/20/2018	19	30.1	764.54	F		NA		65	36518	1.20	58	17.1%	24.5%	0.7%	57.5%		77	KAL	
11/27/2018	14	29.96	760.98	S		NA		65	36857	0.80	45	19.3%	25.9%	0.3%	54.5%		263	KAL	
12/7/2018	12	30.34	770.64	S		NA		65	37263	0.70	56	13.3%	23.8%	0.7%	62.2%		336	KAL	
12/11/2018	10	28.95	735.33	S		NA		65	37442	0.20	53	13.8%	23.9%	0.7%	61.6%		277	AMB	
12/21/2018	24	29.77	756.16	S		NA		65	37841	0.00	57	13.6%	23.8%	0.7%	61.9%		282	KAL	
12/28/2018	22	28.86	733.04	S		NA		65	38123	-0.30	55	10.9%	23.1%	0.9%	65.1%		206	KAL/AMB	
12/31/2018	28	29.74	755.40	S		NA		65	38232	-0.60	49	16.7%	20.7%	4.5%	58.1%		357	KAL	
1/7/2019	37	29.51	749.55	S		NA		65	38323	-0.80	41	23.6%	25.1%	3.1%	48.1%		281	KAL	Restarted Blower
2/1/2019	9	30.18	766.57	S		NA		70	39489	0.20	54	40.4%	33.2%	0.8%	25.6%		75	KAL	Blower down on 1/17/19, restarted on 1/25/19
2/5/2019	5	30.22	767.59	S		NA		70	39713	0.10	54	34.6%	31.4%	0.8%	33.2%		197	KAL	
2/13/2019	13	29.98	761.49	S		NA		70	40194	0.10	62	30.0%	30.5%	0.8%	38.7%		238	KAL	
2/22/2019	12	30.42	772.67	S		NA		70	40742	0.00	68	27.2%	28.9%	1.3%	42.6%		273	KAL	
2/28/2019	9	30.2	767.08	S		NA		70	41092	-0.20	58	28.2%	28.9%	1.3%	41.6%		257	KAL	
3/5/2019	10	30.17	766.32	S		NA		70	41409	0.00	61	28.2%	28.7%	1.5%	41.6%		183	KAL	
3/14/2019	39	29.26	743.20	S		NA		70	41907	0.00	68	31.3%	29.7%	1.1%	37.9%		214	KAL	
3/20/2019	35	29.89	759.21	S		NA		70	42202	0.00	73	30.5%	29.1%	1.2%	39.2%		179	KAL/AMB	
3/27/2019	48	29.92	759.97	S		NA		70	42610	0.50	64	18.7%	26.4%	0.3%	54.6%		164	KAL	
4/2/2019	36	29.92	759.97	S		NA		70	42899	0.70	62	16.4%	25.3%	0.4%	57.9%		489	KAL	
4/8/2019	60	29.74	755.40	F		NA		70	43171	0.50	67	15.7%	24.6%	0.5%	59.2%		122	KAL	
4/18/2019	45	30.01	762.25	S		NA		70	43454	0.60	51	21.7%	25.8%	0.6%	51.9%		461	AMB	
4/26/2019	50	30.03	762.76	R		NA		70	43797	0.30	66	14.2%	25.5%	0.7%	61.6%		457	AMB	
5/1/2019	38	30.16	766.06	S		NA		70	43926	0.20	51	16.5%	25.2%	0.5%	57.8%		439	KAL	
5/7/2019	54	30.27	768.86	S		NA		70	44278	0.30	71	12.5%	22.6%	0.7%	64.2%		453	KAL	
5/14/2019	61	29.95	760.73	S		NA		70	44580	0.00	76	12.2%	22.6%	0.7%	64.5%		493	KAL	
5/23/2019	54	30.02	762.51	R		NA		70	44956	-0.40	76	3.7%	8.6%	12.3%	75.4%		693	KAL	
5/29/2019	64	29.83	757.68	S		NA		70	45205	0.10	80	10.2%	22.0%	0.6%	67.2%		536	KAL	
6/3/2019	60	30.05	763.27	S		NA		70	45407	0.20	82	9.7%	21.5%	0.6%	68.2%		480	KAL	
6/12/2019	61	29.99	761.75	S		NA		70	45774	0.10	83	10.0%	22.1%	0.6%	67.3%		532	KAL	
6/17/2019	56	29.99	761.75	S		NA		70	45984	0.40	56	13.4%	19.7%	2.8%	64.1%		362	KAL	
6/26/2019	74	30.03	762.76	S		NA		70	46292	-0.10	74	20.7%	20.9%	5.4%	53.0%		662	KAL	
7/2/2019	70	29.92	759.97	S		NA		70	46515	-0.50	86	18.1%	20.8%	5.0%	56.1%		390	KAL	
7/8/2019	81	30.05	763.27	S		NA		70	46737	-0.20	92	16.7%	20.0%	5.2%	58.0%		577	KAL	
7/16/2019	84	29.89	759.21	S		NA		70	46926	-0.10	98	10.3%	12.5%	9.6%	67.6%		492	KAL	Restarted Blower
7/24/2019	71	30.2	767.08	F		NA		70	47039	-0.50	90	22.1%	22.7%	3.3%	51.9%		353	KAL	
7/31/2019	70	30.21	767.33	S		NA		70	47272	-0.10	89	4.8%	6.0%	14.2%	74.3%		540	KAL	
8/6/2019	81	29.87	758.70	S		NA		70	47445	0.00	92	11.1%	9.9%	11.1%	67.6%		475	KAL	Restarted Blower
8/14/2019	70	30.08	764.03	S		NA		70	47728	-0.20	89	20.0%	21.8%	2.5%	55.7%		536	KAL	
8/23/2019	67	30.23	767.84	S		NA		70	47886	-0.30	86	19.6%	17.7%	6.5%	56.2%		481	KAL	Restarted Blower
8/27/2019	69	29.79	756.67	S		NA		70	48022	-0.80	95	24.8%	22.4%	3.5%	49.3%		506	KAL	
9/6/2019	63	30.13	765.30	S		NA		70	48247	-0.30	77	21.3%	17.1%	8.4%	53.2%		589	KAL	Restarted Blower
9/10/2019	80	29.1	739.14	S		NA		70	48390	-0.30	102	0.7%	1.0%	19.2%	79.1%		508	LCS	

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DATE	WEATHER				BLOWER/HEADER				GAS TO FLARE								TECHNICIAN	COMMENTS	
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION	POWER METER READING	PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY			FLOW
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min		
9/20/2019	67	30.08	764.03	S		NA		70	48565	-0.20	89	1.3%	2.0%	18.5%	78.2%		390	KAL	Restarted Blower
9/24/2019	58	29.81	757.17	S		NA		70	48686	1.20	78	20.0%	20.9%	5.9%	53.2%		237	KAL	Restarted Blower
10/3/2019	55	29.11	739.39	S		NA		70	49108	0.60	78	13.8%	25.0%	0.8%	60.4%		30	LCS	
10/11/2019	36	29.83	757.68	S		NA		70	49451	0.80	73	14.4%	23.2%	1.7%	60.7%		580	KAL	
10/18/2019	52	29.79	756.67	S		NA		70	49783	1.00	71	14.6%	23.3%	1.6%	60.5%		438	KAL	
10/28/2019	34	23.23	590.04	S		NA		70	50049	1.20	65	18.2%	23.8%	2.2%	55.8%		378	AMB	
11/6/2019	27	30.37	771.40	R		NA		70	50480	1.80	68	8.0%	16.5%	6.2%	69.3%		348	KAL	Maintenance on Blower
11/12/2019	9	30.47	773.94	F		NA		70	50815	1.60	-	12.2%	20.7%	2.8%	64.3%		569	KAL	
11/20/2019	37	30.06	763.52	F		NA		70	51258	1.70	-	5.9%	15.9%	6.2%	72.1%		323	KAL	
11/25/2019	37	28.59	726.19	R		NA		70	51600	1.50	-	9.7%	20.7%	2.7%	66.9%		222	AMB	
12/4/2019	31	28.87	733.30	R		NA		70	52078	1.20	-	10.0%	22.7%	0.8%	66.5%		357	KAL	
12/10/2019	-4	30.19	766.83	R		NA		70	52388	-0.30	-	13.2%	24.1%	0.9%	61.8%		422	KAL	
12/17/2019	23	-	-	-		NA		-	52588	-	-	-	-	-	-		-	KAL	Blower down
12/20/2019	25	30.16	766.06	F		NA		70	52675	-0.40	-	15.1%	24.8%	0.5%	59.6%		473	KAL	Restarted Blower. Warmed it up and reprogrammed blower settings.
12/26/2019	34	29.93	760.22	R		NA		70	52989	-0.30	-	16.7%	26.8%	0.5%	56.0%		342	KAL	
1/3/2020	32	29.85	758.19	S		NA		70	53311	-0.20	-	18.7%	27.2%	0.5%	53.6%		654	KAL	
1/7/2020	23	30	762.00	R		NA		70	53519	-0.50	-	17.7%	26.8%	0.6%	54.9%		553	KAL	
1/13/2020	20	30.22	767.59	S		NA		70	53928	-	-	-	-	-	-		-	KAL	Servicing GEM meter
1/24/2020	28	30.03	762.76	S		NA		70	54620	0.30	65	17.0%	25.9%	0.3%	56.7%		-	KAL	
1/29/2020	16	30.23	767.84	S		NA		60	54842	-	-	-	-	-	-		-	KAL	Blower off, bearings grinding
2/4/2020	15	30.34	770.64	S		NA		60	54991	0.00	48	9.8%	24.0%	1.5%	64.7%		-	LCS	Temporarily turned blower on for readings
2/11/2020	15	29.21	741.93	S		NA		60	-	0.10	51	17.5%	26.5%	0.7%	55.3%		-	LCS	Temporarily turned blower on for readings
2/18/2020	18	29.63	752.60	S		NA		60	55361	0.20	39	16.9%	26.3%	1.0%	55.6%		-	LCS	Temporarily turned blower on for readings
2/25/2020	45	29.42	747.27	R		NA		60	55514	-0.10	43	19.5%	26.7%	0.8%	53.0%		273	LCS	Temporarily turned blower on for readings
3/10/2020	40	29.38	746.25	R		NA		60	55772	-0.10	44	23.2%	28.6%	0.8%	47.4%		218	LCS	Temporarily turned blower on for readings
3/17/2020	40	30.27	768.86	R		NA		60	55890	0.10	40	26.0%	28.9%	0.5%	44.6%		311	AMB	Temporarily turned blower on for readings
3/24/2020	45	30.01	762.25	S		NA		70	56246	1.50	56	22.8%	27.0%	0.4%	49.8%		98	LCS	Blower repaired
3/31/2020	47	29.32	744.73	S		NA		70	56525	1.50	51	21.8%	26.8%	0.2%	51.2%		264	LCS	
4/2/2020	57	29.09	738.89	S		NA		70	56614	1.80	60	19.1%	26.0%	0.3%	54.6%		203	LCS	Restarted Blower
4/6/2020	50	29.86	758.44	S		NA		70	56813	1.50	58	18.2%	25.6%	0.4%	55.8%		125	LCS	Restarted Blower
4/14/2020	28	30.12	765.05	F		NA		70	57182	1.40	50	13.3%	23.0%	0.6%	63.1%		85	LCS	Restarted Blower
4/21/2020	40	30.02	762.51	R		NA		70	57509	1.40	53	9.1%	18.2%	3.8%	68.9%		-	AMB	Restarted Blower
4/29/2020	45	29.95	760.73	R		NA		70	57916	1.30	61	9.6%	22.7%	1.0%	66.7%		-	AMB	
5/5/2020	40	30.05	763.27	R		NA		70	58105	1.00	57	11.4%	22.8%	0.6%	65.2%		117	LCS	Restarted Blower
5/14/2020	58	28.96	735.58	R		NA		70	58541	1.20	64	9.8%	21.8%	0.9%	67.5%		68	LCS	
5/20/2020	60	30.18	766.57	R		NA		70	58787	1.20	66	9.2%	21.3%	1.0%	68.5%		-	AMB	
5/28/2020	77	29.91	759.71	F		NA		70	59016	1.30	-	10.6%	22.1%	0.8%	66.5%		294	AMB	Restarted Blower
6/2/2020	85	29.82	757.43	S		NA		70	59060	1.40	-	14.9%	23.3%	0.5%	61.3%		202	KAL	Restarted Blower
6/9/2020	82	29.67	753.62	S		NA		70	59239	0.20	-	25.2%	26.2%	0.3%	48.3%		154	KAL	Restarted Blower
6/16/2020	80	30.21	767.33	S		NA		70	59463	0.40	-	16.4%	24.5%	0.4%	58.7%		281	KAL	
6/23/2020	70	29.91	759.71	S		NA		70	59708	0.80	-	9.2%	14.4%	8.4%	68.0%		33	KAL	
6/30/2020	-	-	-	-		NA		70	-	-	-	-	-	-	-		-	KAL	Blower off, tank full
7/1/2020	78	29.95	760.73	S		NA		70	59930	0.30	89	16.9%	24.9%	0.6%	57.6%		238	KAL	
7/8/2020	80	29.88	758.95	F		NA		70	60145	0.70	87	12.4%	17.7%	5.9%	64.0%		213	KAL	
7/13/2020	80	29.29	743.97	S		NA		70	60297	0.90	-	12.0%	17.2%	6.5%	64.3%		-	AMB	

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DATE	WEATHER				BLOWER/HEADER				GAS TO FLARE									TECHNICIAN	COMMENTS
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION	POWER METER READING	PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min		
7/21/2020	67	29.94	760.48	F		NA	70	60590	0.80	76	12.5%	18.1%	5.6%	63.8%		232	KAL		
7/28/2020	72	29.92	759.97	S		NA	70	60825	0.70	85	12.2%	17.5%	6.1%	64.2%		226	KAL		
8/4/2020	61	30.16	766.06	S		NA	70	61091	0.80	85	14.4%	17.7%	6.0%	61.9%		82	KAL		
8/11/2020	73	30.01	762.25	S		NA	70	61352	0.40	86	13.2%	17.4%	5.9%	63.5%		234	KAL		
8/21/2020	73	29.88	758.95	S		NA	70	61733	1.00	85	14.0%	18.6%	5.4%	62.0%		108	KAL		
8/26/2020	82	29.81	757.17	S		NA	70	61928	0.90	92	13.8%	19.1%	5.1%	62.0%		151	KAL		
9/3/2020	64	29.84	757.94	R		NA	70	62230	0.80	81	12.5%	18.9%	5.4%	63.3%		106	KAL		
9/10/2020	56	30.43	772.92	S		NA	70	62511	0.90	78	11.9%	18.3%	5.5%	64.3%		270	KAL		
9/18/2020	47	30.44	773.18	S		NA	70	62810	0.90	74	12.1%	19.8%	5.6%	62.5%		56	KAL		
9/25/2020	74	31.14	790.96	R		NA	70	-	0.60	77	13.5%	19.6%	5.0%	61.9%		56	MEE		
9/29/2020	54	29	736.60	S		NA	70	63221	0.70	76	12.6%	19.1%	5.1%	63.2%		337	LCS		
10/6/2020	56	29.84	757.94	F		NA	70	63325	1.20	75	13.1%	19.9%	3.3%	63.7%		154	KAL		
10/13/2020	55	29.89	759.21	R		NA	70	63646	1.30	71	7.8%	17.0%	6.6%	68.6%		296	KAL		
10/21/2020	36	30.14	765.56	S		NA	70	64191	1.20	62	11.9%	21.8%	2.7%	63.6%		296	KAL		
10/29/2020	32	30.14	765.56	S		NA	70	64718	1.30	63	9.2%	19.4%	4.0%	67.4%		152	KAL		
11/5/2020	35	29.05	737.87	S		NA	70	65119	1.40	70	8.9%	19.1%	3.9%	68.1%		83	LCS		
11/11/2020	28	29.93	760.22	S		NA	70	65459	0.90	61	8.3%	20.9%	2.3%	68.4%		262	KAL		
11/19/2020	48	-	-	-		NA	70	65755	-	-	-	-	-	-		-	KAL	Blower down	
11/27/2020	30	30.12	765.05	S		NA	70	65968	1.20	55	10.6%	14.6%	8.4%	66.4%		221	KAL	Restarted blower	
12/4/2020	35	29.96	760.98	S		NA	70	66473	1.10	61	11.5%	20.0%	4.9%	63.6%		184	KAL		
12/8/2020	30	29.94	760.48	S		NA	70	66743	1.10	57	12.1%	19.7%	4.1%	64.1%		79	KAL		
12/14/2020	15	30.34	770.64	S		NA	70	67134	1.40	55	9.6%	18.7%	5.2%	66.5%		273	KAL		
12/21/2020	34	29.56	750.82	S		NA	70	67601	1.30	57	9.4%	17.3%	6.1%	67.2%		355	KAL		
12/28/2020	14	30.26	768.60	R		NA	70	68072	1.30	50	7.1%	15.5%	8.1%	69.3%		288	KAL		
1/7/2021	20	-	-	-		NA	70	-	-	-	-	-	-	-		-	KAL	Blower down	
1/12/2021	23	29.98	761.49	R		NA	70	68551	0.90	58	24.3%	26.9%	0.3%	48.5%		191	KAL		
1/18/2021	21	29.9	759.46	R		NA	70	69034	1.70	54	11.1%	17.7%	6.7%	64.5%		453	KAL		
1/25/2021	8	30.09	764.29	R		NA	70	-	-	-	-	-	-	-		-	KAL	Servicing GEM meter	
2/2/2021	20	30.32	770.13	F		NA	70	70148	1.10	52	8.7%	17.5%	5.7%	68.1%		178	AMB		
2/11/2021	-2	30.52	775.21	F		NA	70	70831	1.50	49	7.9%	17.5%	6.6%	68.0%		-	AMB		
2/17/2021	10	30.29	769.37	R		NA	70	71263	1.90	48	7.9%	16.4%	6.2%	69.5%		183	KAL		
2/26/2021	37	29.91	759.71	R		NA	70	71909	1.20	56	7.6%	16.1%	5.9%	70.4%		121	KAL		
3/3/2021	34	30.06	763.52	R		NA	70	72269	1.40	59	9.2%	18.0%	4.5%	68.3%		38	KAL		
3/10/2021	43	29.59	751.59	R		NA	70	72669	-	-	-	-	-	-		-	KAL	Blower down	
3/19/2021	36	30.5	774.70	R		NA	70	73232	1.30	57	6.7%	14.2%	8.1%	71.0%		254	KAL		
3/26/2021	28	30.07	763.78	R		NA	70	73530	1.10	58	9.9%	18.3%	4.1%	67.7%		190	KAL		
4/1/2021	27	30.54	775.72	R		NA	70	73804	1.00	61	10.7%	22.2%	0.7%	66.4%		342	KAL		
4/7/2021	70	29.64	752.86	R		NA	70	74079	0.70	73	11.4%	22.0%	0.7%	65.9%		198	KAL		
4/13/2021	35	28.94	735.08	R		NA	70	-	0.40	63	10.4%	22.4%	0.7%	66.5%		187	LCS		
4/18/2021	50	29.88	758.95	R		NA	70	74509	0.70	72	10.5%	22.2%	0.6%	66.7%		111	AMB		
4/29/2021	63	30.28	769.11	R		NA	70	75052	0.60	71	9.2%	21.6%	0.7%	68.5%		169	LCS		
5/5/2021	50	30.16	766.06	R		NA	70	75266	1.00	73	9.1%	21.4%	0.7%	68.8%		102	KAL		
5/10/2021	50	30.2	767.08	R		NA	70	75479	1.00	70	9.0%	21.5%	0.8%	68.7%		352	KAL		
5/19/2021	65	30.01	762.25	R		NA	70	75821	0.80	77	9.8%	21.7%	0.4%	68.1%		61	KAL		
5/24/2021	72	29.94	760.48	R		NA	70	76037	0.70	82	9.7%	21.4%	0.6%	68.3%		223	KAL		
6/4/2021	87	29.87	758.70	F		NA	70	76508	0.70	91	9.5%	21.2%	0.6%	68.7%		245	BJI		
6/7/2021	87	29.81	757.17	R		NA	70	76635	0.90	92	9.2%	20.9%	0.6%	69.3%		220	KAL		
6/16/2021	80	30.03	762.76	R		NA	70	76981	0.80	93	9.0%	19.9%	0.9%	70.2%		118	KAL		
6/22/2021	60	29.93	760.22	R		NA	70	77228	0.90	84	8.4%	21.1%	1.0%	69.5%		176	KAL		

TABLE 4
SYSTEM MONITORING
Junker Sanitary Landfill FID #656026800

DATE	WEATHER				BLOWER/HEADER				GAS TO FLARE									TECHNICIAN	COMMENTS
	AMB. TEMP.	BARO PRESS AND TREND	BARO PRESS AND TREND	BARO PRESS TREND	HEADER LINE VAC	INLET VAC	DISCHARGE PRESSURE	VFD CONDITION	POWER METER READING	PRESSURE	TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	VELOCITY	FLOW		
	*F	in Hg	mm Hg		in H2O	in H2O	in H2O	%	KwhR	in H2O	*F	%	%	%	%	feet/min	cubic ft/min		
6/30/2021	84	30.07	763.78	R		NA		70	77575	0.06	94	8.4%	20.6%	1.0%	70.0%		307	BJI	
7/8/2021	62	29.98	761.49	R		NA		70	77907	0.80	85	8.6%	21.2%	1.0%	69.2%		179	BJI	
7/12/2021	81	30.03	762.76	R		NA		70	78085	0.90	93	8.6%	20.9%	1.1%	69.4%		162	BJI	
7/19/2021	83	30.17	766.32	R		NA		70	78374	0.70	92	8.3%	20.5%	1.3%	69.9%		188	BJI	
7/30/2021	73	30.12	765.05	R		NA		70	78769	0.11	90	7.5%	19.0%	0.5%	73.0%		219	BJI	
8/3/2021	70	30.05	763.27	R		NA		70	78854	0.20	91	11.7%	22.6%	0.2%	65.5%		157	KAL	
8/10/2021	69	30.05	763.27	R		NA		70	79136	0.20	89	10.1%	22.1%	1.0%	66.8%		198	BJI	
8/20/2021	70	29.92	759.97	R		NA		70	79548	0.30	95	10.6%	21.5%	0.8%	67.1%		211	BJI	
8/25/2021	65	30.06	763.52	R		NA		70	79746	0.00	91	9.3%	21.7%	1.1%	67.9%		158	BJI	
9/1/2021	66	29.97	761.24	R		NA		70	79990	-0.3	86	10.5	22.2	0.9	66.4		143	KAL	
9/8/2021	62	29.83	757.68	R		NA		70	80273	0	85	10.5	22.1	0.9	66.5		77	KAL	
9/13/2021	67	29.97	761.24	R		NA		70	80479	-0.1	86	10.7	22.4	0.8	66.1		-	KAL	
9/20/2021	72	29.62	752.35	R		NA		70	80639	0	80	18.3	23.5	0.4	57.8		270	KAL	
9/28/2021	64	29.87	758.70	R		NA		70	80976	-0.7	76	3.2	6.2	14.8	75.8		431	ODR	
10/5/2021	59	30.17	766.32	R		NA		70	81222	-0.6	83	3	6.4	14.5	76.1		408	ODR	
10/13/2021	57	29.64	752.86	R		NA		70	81584	-0.7	81	3.3	6.5	14.7	75.5		221	ODR	
10/22/2021	33	29.99	761.75	R		NA		70	81956	-0.7	72	2.5	5.5	15.8	76.2		343	ODR	
10/29/2021	46	29.84	757.94	R		NA		70	82253	-0.3	76	12.1	23.2	0.7	64		38	ODR	
11/9/2021	42	30.14	765.56	R		NA		70	82730	-0.1	74	12.4	23	0.7	63.9		176	ODR	
11/19/2021	25	30.18	766.57	R		NA		70	83212	0.5	68	12.7	23.5	0.7	63.1		-	ODR	Flow not working
11/24/2021	45	29.57	751.08	R		NA		70	83420	0.5	72	14.9	24.1	0.5	60.5		-	ODR	on instrument
12/2/2021	41	29.89	759.21	R		NA		70	83821	0.6	70	13.2	23.7	0.7	62.4		203	ODR	
12/10/2021	28	29.89	759.21	R		NA		70	84239	0.5	65	13.3	23.9	0.5	62.3		459	ODR	
12/16/2021	15	29.85	758.19	R		NA		70	84496	-	-	-	-	-	-		-	ODR	Blower Down
12/20/2021	17	29.36	745.74	R		NA		70	84574	-	-	-	-	-	-		-	ODR	Blower Down
12/30/2021	14	29.69	754.13	R		NA		70	85030	0.8	-	11	14.6	8.2	66.2		249	ODR	Temp Probe Broke

* - St. Croix Electric installed a new meter

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
1/6/2012	84.3	29.4%	24.8	35,669.01		
1/10/2012	70.2	33.5%	23.5	135,477.22		
1/16/2012	80.2	29.5%	23.7	204,515.71		
1/23/2012	80.2	28.0%	22.5	226,469.38		
2/2/2012	85.3	22.0%	18.8	270,087.84	872,219.15	
2/7/2012	80.2	21.6%	17.3	124,789.25		
2/17/2012	80.2	24.2%	19.4	279,620.35		
2/21/2012	80.2	23.9%	19.2	110,461.59		
2/27/2012	80.2	19.0%	15.2	131,721.98	646,593.18	1,518,812.33
3/21/2012	80.2	19.8%	15.9	526,194.66		
3/27/2012	80.2	33.9%	27.2	235,019.75	761,214.41	2,280,026.74
4/4/2012	80.2	26.3%	21.1	243,107.94		
4/11/2012	85.3	22.0%	18.8	189,061.49		
4/18/2012	183.0	23.3%	42.6	429,818.45		
4/25/2012	180.5	26.2%	47.3	476,798.92	1,338,786.80	3,618,813.55
5/2/2012	144.0	23.8%	34.3	345,461.76		
5/9/2012	188.0	23.9%	44.9	452,914.56		
5/16/2012	67.0	21.0%	14.1	141,825.60		
5/25/2012	95.0	19.9%	18.9	245,008.80		
5/29/2012	135.0	22.7%	30.6	176,515.20	1,361,725.92	4,980,539.47
6/5/2012	64.0	16.9%	10.8	109,025.28		
6/13/2012	116.0	16.7%	19.4	223,165.44		
6/22/2012	144.0	17.5%	25.2	326,592.00		
6/25/2012	91.0	16.8%	15.3	66,044.16	724,826.88	5,705,366.35
7/3/2012	77.0	17.7%	13.6	157,006.08		
7/9/2012	80.0	17.1%	13.7	118,195.20		
7/19/2012	93.0	16.0%	14.9	214,272.00		
7/23/2012	74.0	17.7%	13.1	75,444.48		
7/30/2012	125.0	18.6%	23.3	234,360.00	799,277.76	6,504,644.11
8/6/2012	87.0	23.9%	20.8	209,593.44		
8/15/2012	121.0	24.7%	29.9	387,335.52		
8/20/2012	93.0	22.4%	20.8	149,990.40		
8/27/2012	90.0	19.3%	17.4	175,089.60	922,008.96	7,426,653.07
9/4/2012	113.0	20.5%	23.2	266,860.80		
9/10/2012	56.0	19.2%	10.8	92,897.28		
9/17/2012	98.0	18.6%	18.2	183,738.24		
9/25/2012	108.0	16.7%	18.0	207,774.72		
10/1/2012	131.0	15.7%	20.6	177,698.88	928,969.92	8,355,622.99
10/18/2012	0.0	0.0%	0.0	-		
10/22/2012	0.0	0.0%	0.0	-		
10/31/2012	0.0	0.0%	0.0	-		
11/7/2012	0.0	0.0%	0.0	-		
11/13/2012	0.0	0.0%	0.0	-		
11/19/2012	0.0	0.0%	0.0	-		
11/27/2012	0.0	0.0%	0.0	-		
12/7/2012	0.0	0.0%	0.0	-		
12/12/2012	0.0	0.0%	0.0	-		

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
12/19/2012	0.0	0.0%	0.0	-		
12/27/2012	0.0	0.0%	0.0	-		
1/2/2013	0.0	0.0%	0.0	-		
1/8/2013	0.0	0.0%	0.0	-		
1/15/2013	0.0	0.0%	0.0	-		
1/23/2013	0.0	0.0%	0.0	-		
2/8/2013	0.0	0.0%	0.0	-		
2/12/2013	0.0	0.0%	0.0	-		
2/27/2013	0.0	0.0%	0.0	-		
3/7/2013	0.0	0.0%	0.0	-		
3/13/2013	0.0	0.0%	0.0	-		
3/28/2013	0.0	0.0%	0.0	-		
4/2/2013	0.0	0.0%	0.0	-		
4/9/2013	0.0	0.0%	0.0	-		
4/18/2013	0.0	0.0%	0.0	-		
4/22/2013	0.0	0.0%	0.0	-		
4/29/2013	0.0	0.0%	0.0	-		
5/8/2013	0.0	0.0%	0.0	-		
5/13/2013	0.0	0.0%	0.0	-		
5/22/2013	116.0	34.9%	40.5	524,672.64		
5/29/2013	132.0	30.9%	40.8	411,143.04	935,815.68	
6/6/2013	158.0	46.9%	74.1	853,655.04		
6/13/2013	261.0	39.4%	102.8	1,036,566.72		
6/18/2013	122.0	37.0%	45.1	325,008.00		
6/25/2013	144.0	38.2%	55.0	554,480.64	2,769,710.40	3,705,526.08
7/2/2013	204.0	31.4%	64.1	645,684.48		
7/8/2013	204.0	26.5%	54.1	467,078.40		
7/17/2013	110.0	22.3%	24.5	317,908.80		
7/26/2013	169.0	20.1%	34.0	440,238.24	1,870,909.92	5,576,436.00
8/1/2013	113.0	22.0%	24.9	214,790.40		
8/8/2013	116.0	22.3%	25.9	260,749.44		
8/13/2013	257.0	22.7%	58.3	420,040.80		
8/19/2013	165.0	24.5%	40.4	349,272.00		
8/27/2013	115.0	25.3%	29.1	335,174.40	1,580,027.04	7,156,463.04
9/3/2013	138.0	24.3%	33.5	338,022.72		
9/11/2013	100.0	23.4%	23.4	269,568.00		
9/17/2013	205.0	24.1%	49.4	426,859.20		
9/24/2013	115.0	19.6%	22.5	227,203.20	1,261,653.12	8,418,116.16
10/2/2013	69.0	20.0%	13.8	158,976.00		
10/8/2013	43.0	20.5%	8.8	76,161.60		
10/15/2013	51.0	23.0%	11.7	118,238.40		
10/24/2013	85.0	19.4%	16.5	213,710.40		
10/28/2013	84.0	19.3%	16.2	93,381.12	660,467.52	9,078,583.68
11/4/2013	76.0	21.8%	16.6	167,005.44		
11/11/2013	61.0	18.4%	11.2	113,137.92		
11/19/2013	160.0	18.4%	29.4	339,148.80		
11/25/2013	100.0	22.6%	22.6	195,264.00	814,556.16	9,893,139.84

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
12/5/2013	76.0	19.2%	14.6	210,124.80		
12/13/2013	-	36.7%	#VALUE!	#VALUE!		
12/18/2013	-	43.2%	#VALUE!	#VALUE!		
12/27/2013	370.0	28.0%	103.6	1,342,656.00		
12/30/2013	356.0	20.3%	72.3	312,197.76	1,864,978.56	11,758,118.40
1/7/2014	273.0	15.6%	42.6	490,613.76		
1/15/2014	466.0	10.9%	50.8	585,146.88		
1/20/2014	336.0	12.9%	43.3	312,076.80		
1/29/2014	333.0	13.6%	45.3	586,932.48	1,974,769.92	1,974,769.92
2/4/2014	378.0	13.4%	50.7	437,633.28		
2/11/2014	288.0	12.5%	36.0	362,880.00		
2/18/2014	300.0	14.9%	44.7	450,576.00		
2/28/2014	339.0	12.6%	42.7	615,081.60	1,866,170.88	3,840,940.80
3/5/2014	310.0	11.8%	36.6	263,376.00		
3/11/2014	301.0	12.3%	37.0	319,878.72		
3/18/2014	0.0	0.0%	0.0	-		
3/25/2014	308.0	12.5%	38.5	388,080.00	971,334.72	4,812,275.52
4/1/2014	196.0	11.0%	21.6	217,324.80		
4/8/2014	324.0	12.9%	41.8	421,303.68		
4/15/2014	348.0	8.2%	28.5	287,642.88		
4/22/2014	325.0	13.6%	44.2	445,536.00	1,371,807.36	6,184,082.88
5/1/2014	346.0	14.2%	49.1	636,750.72		
5/8/2014	248.0	18.5%	45.9	462,470.40		
5/14/2014	202.0	16.3%	32.9	284,480.64		
5/20/2014	308.0	17.4%	53.6	463,034.88		
5/27/2014	333.0	18.5%	61.6	620,978.40	2,467,715.04	8,651,797.92
6/3/2014	319.0	18.9%	60.3	607,733.28		
6/10/2014	293.0	19.6%	57.4	578,874.24		
6/16/2014	422.0	18.9%	79.8	689,109.12		
6/25/2014	281.0	20.6%	57.9	750,202.56	2,625,919.20	11,277,717.12
7/1/2014	281.0	21.9%	61.5	531,696.96		
7/10/2014	341.0	21.6%	73.7	954,581.76		
7/15/2014	303.0	21.6%	65.4	471,225.60		
7/21/2014	319.0	22.5%	71.8	620,136.00		
7/28/2014	322.0	25.2%	81.1	817,931.52	3,395,571.84	14,673,288.96
8/5/2014	338.0	22.2%	75.0	864,414.72		
8/12/2014	0.0	20.4%	0.0	-		
8/19/2014	0.0	26.5%	0.0	-		
8/29/2014	0.0	20.0%	0.0	-	864,414.72	15,537,703.68
9/3/2014	0.0	16.9%	0.0	-		
9/13/2014	0.0	16.8%	0.0	-		
9/19/2014	0.0	18.1%	0.0	-		
9/24/2014	0.0	17.8%	0.0	-	-	15,537,703.68
10/1/2014	158.0	18.9%	29.9	301,008.96		
10/7/2014	153.0	15.8%	24.2	208,863.36		
10/12/2014	212.0	17.1%	36.3	261,014.40		
10/18/2014	136.0	13.4%	18.2	157,455.36		

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
10/25/2014	160.0	13.9%	22.2	224,179.20	1,152,521.28	16,690,224.96
11/7/2014	143.0	15.2%	21.7	406,897.92		
11/21/2014	251.0	19.0%	47.7	961,430.40		
11/25/2014	185.0	14.6%	27.0	155,577.60	1,523,905.92	18,214,130.88
12/1/2014	158.0	12.1%	19.1	165,179.52		
12/12/2014	85.0	25.2%	21.4	339,292.80		
12/18/2014	129.0	17.2%	22.2	191,704.32		
12/23/2014	0.0	19.0%	0.0	-	696,176.64	18,910,307.52
1/2/2015	43.0	16.5%	7.1	102,168.00		
1/6/2015	0.0	16.9%	0.0	-		
1/15/2015	0.0	17.0%	0.0	-		
1/19/2015	0.0	17.4%	0.0	-		
1/30/2015	302.0	17.3%	52.2	827,576.64	929,744.64	929,744.64
2/6/2015	257.0	13.2%	33.9	341,953.92		
2/12/2015	357.0	11.2%	40.0	345,461.76		
2/16/2015	273.0	12.4%	33.9	194,987.52		
2/24/2015	0.0	0.0%	0.0	-	882,403.20	1,812,147.84
3/4/2015	0.0	0.0%	0.0	-		
3/13/2015	357.0	19.2%	68.5	888,330.24		
3/20/2015	456.0	16.8%	76.6	772,208.64		
3/26/2015	237.0	16.2%	38.4	331,724.16	1,992,263.04	3,804,410.88
4/1/2015	287.0	17.5%	50.2	433,944.00		
4/7/2015	273.0	16.7%	45.6	393,906.24		
4/16/2015	306.0	15.7%	48.0	622,624.32		
4/22/2015	489.0	16.5%	80.7	697,118.40		
4/29/2015	351.0	13.8%	48.4	488,255.04	2,635,848.00	6,440,258.88
5/5/2015	366.0	9.5%	34.8	300,412.80		
5/12/2015	440.0	9.1%	40.0	403,603.20		
5/22/2015	585.0	8.2%	48.0	1,174,305.60		
5/26/2015	380.0	10.6%	40.3	232,012.80	2,110,334.40	8,550,593.28
6/2/2015	240.0	9.2%	22.1	222,566.40		
6/10/2015	494.0	10.0%	49.4	569,088.00		
6/16/2015	147.0	7.5%	11.0	95,256.00		
6/22/2015	398.0	11.5%	45.8	395,452.80		
6/30/2015	432.0	7.7%	33.3	383,201.28	1,665,564.48	10,216,157.76
7/8/2015	435.0	10.2%	44.4	511,142.40		
7/14/2015	399.0	10.3%	41.1	355,078.08		
7/21/2015	548.0	10.0%	54.8	552,384.00		
7/27/2015	436.0	4.7%	20.5	177,050.88	1,595,655.36	11,811,813.12
8/4/2015	349.0	11.7%	40.8	470,396.16		
8/11/2015	411.0	7.4%	30.4	306,573.12		
8/21/2015	396.0	17.5%	69.3	997,920.00		
8/25/2015	428.0	18.0%	77.0	443,750.40	2,218,639.68	14,030,452.80
9/3/2015	382.0	11.0%	42.0	544,579.20		
9/9/2015	427.0	10.8%	46.1	398,442.24		
9/16/2015	359.0	10.3%	37.0	372,728.16		
9/24/2015	331.0	10.2%	33.8	388,938.24		

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
9/29/2015	397.0	15.7%	62.3	448,768.80	2,153,456.64	16,183,909.44
10/9/2015	573.0	4.5%	25.8	371,304.00		
10/15/2015	377.0	10.9%	41.1	355,043.52		
10/22/2015	32.0	9.7%	3.1	31,288.32		
10/26/2015	391.0	10.3%	40.3	231,972.48	989,608.32	17,173,517.76
11/3/2015	312.0	10.4%	32.4	373,800.96		
11/13/2015	442.0	11.4%	50.4	725,587.20		
11/20/2015	354.0	11.1%	39.3	396,083.52		
11/23/2015	262.0	11.1%	29.1	125,634.24	1,621,105.92	18,794,623.68
12/3/2015	160.0	10.6%	17.0	244,224.00		
12/11/2015	460.0	11.5%	52.9	609,408.00		
12/17/2015	232.0	12.0%	27.8	240,537.60		
12/21/2015	293.0	11.7%	34.3	197,458.56		
12/28/2015	318.0	11.7%	37.2	375,036.48	1,666,664.64	20,461,288.32
1/4/2016	516.0	10.7%	55.2	556,536.96		
1/12/2016	322.0	9.8%	31.6	363,525.12		
1/19/2016	262.0	9.7%	25.4	256,173.12		
1/27/2016	309.0	11.1%	34.3	395,124.48	1,571,359.68	1,571,359.68
2/1/2016	483.0	10.5%	50.7	365,148.00		
2/10/2016	406.0	9.5%	38.6	499,867.20		
2/16/2016	435.0	9.2%	40.0	345,772.80		
2/22/2016	351.0	10.4%	36.5	315,394.56	1,526,182.56	3,097,542.24
3/1/2016	396.0	9.9%	39.2	451,630.08		
3/7/2016	428.0	11.2%	47.9	414,167.04		
3/15/2016	448.0	10.7%	47.9	552,222.72		
3/22/2016	51.0	12.7%	6.5	65,288.16		
3/28/2016	335.0	12.2%	40.9	353,116.80	1,836,424.80	4,933,967.04
4/4/2016	337.0	8.3%	28.0	281,947.68		
4/11/2016	309.0	11.9%	36.8	370,651.68		
4/26/2016	392.0	13.4%	52.5	1,134,604.80	1,787,204.16	6,721,171.20
5/2/2016	363.0	13.2%	47.9	413,994.24		
5/9/2016	467.0	12.0%	56.0	564,883.20		
5/17/2016	373.0	12.3%	45.9	528,526.08		
5/24/2016	429.0	14.0%	60.1	605,404.80		
5/31/2016	350.0	14.9%	52.2	525,672.00	2,638,480.32	9,359,651.52
6/6/2016	412.0	14.8%	61.0	526,832.64		
6/15/2016	382.0	5.3%	20.2	262,388.16		
6/21/2016	302.0	15.0%	45.3	391,392.00		
6/28/2016	184.0	14.1%	25.9	261,515.52	1,442,128.32	10,801,779.84
7/8/2016	289.0	21.6%	62.4	898,905.60		
7/11/2016	252.0	17.5%	44.1	190,512.00		
7/21/2016	299.0	17.0%	50.8	731,952.00		
7/25/2016	345.0	14.9%	51.4	296,092.80	2,117,462.40	12,919,242.24
8/1/2016	238.0	21.6%	51.4	518,192.64		
8/9/2016	228.0	17.3%	39.4	454,394.88		
8/17/2016	325.0	18.1%	58.8	677,664.00		
8/24/2016	317.0	18.2%	57.7	581,555.52		

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
8/29/2016	399.0	16.7%	66.6	479,757.60	2,711,564.64	15,630,806.88
9/9/2016	165.0	24.2%	39.9	632,491.20		
9/12/2016	146.0	21.1%	30.8	133,081.92		
9/20/2016	103.0	27.7%	28.5	328,677.12		
9/28/2016	257.0	21.8%	56.0	645,419.52	1,739,669.76	17,370,476.64
10/4/2016	289.0	36.1%	104.3	901,402.56		
10/10/2016	141.0	24.0%	33.8	292,377.60		
10/19/2016	286.0	19.2%	54.9	711,659.52		
10/25/2016	239.0	19.3%	46.1	398,537.28	2,303,976.96	19,674,453.60
11/1/2016	408.0	17.4%	71.0	715,599.36		
11/9/2016	347.0	26.6%	92.3	1,063,319.04		
11/25/2016	-	22.3%	-	-	1,778,918.40	21,453,372.00
12/1/2016	27.0	10.0%	2.7	23,328.00		
12/8/2016	-	9.0%	-	-		
12/14/2016	34.0	9.2%	3.1	27,025.92		
12/20/2016	11.0	9.5%	1.0	9,028.80		
12/28/2016	205.0	9.8%	20.1	231,436.80	290,819.52	21,744,191.52
1/3/2017	150.0	8.3%	12.45	107,568.00		
1/10/2017	255.0	9.7%	24.735	249,328.80		Total flow is based on Avg. Flow in 2016
1/16/2017	255.0	9.3%	23.715	204,897.60		Total flow is based on Avg. Flow in 2016
1/23/2017	255.0	8.6%	21.93	221,054.40		Total flow is based on Avg. Flow in 2016
1/30/2017	255.0	11.4%	29.07	293,025.60	1,075,874.40	1,075,874.40
2/6/2017	255.0	10.2%	26.01	262,180.80		Total flow is based on Avg. Flow in 2016
2/13/2017	255.0	10.3%	26.265	264,751.20		Total flow is based on Avg. Flow in 2016
2/21/2017	255.0	10.1%	25.755	296,697.60	823,629.60	1,899,504.00
3/3/2017	Extraction system not working					
3/7/2017						
3/15/2017	255.0	14.1%	35.955	414,201.60		Total flow is based on Avg. Flow in 2016
3/22/2017	255.0	10.9%	27.795	280,173.60		Total flow is based on Avg. Flow in 2016
3/28/2017	255.0	8.8%	22.44	193,881.60	888,256.80	2,787,760.80
4/5/2017	87.0	7.9%	6.873	79,176.96		
4/11/2017	179.0	7.2%	12.888	111,352.32		
4/15/2017	411.0	7.8%	32.058	184,654.08		
4/28/2017	310.0	6.8%	21.08	394,617.60	769,800.96	3,557,561.76
5/5/2017	283.0	6.4%	18.112	182,568.96		
5/8/2017	66.0	6.6%	4.356	18,817.92		
5/17/2017	402.0	6.7%	26.934	349,064.64		
5/24/2017	402.0	9.7%	38.994	393,059.52		
5/31/2017	293.0	8.6%	25.198	253,995.84	1,197,506.88	4,755,068.64
6/5/2017	287.0	5.6%	16.072	115,718.40		
6/17/2017	410.0	12.0%	49.2	850,176.00		
6/21/2017	244.0	11.9%	29.036	167,247.36		
6/26/2017	191.0	9.9%	18.909	136,144.80	1,269,286.56	6,024,355.20
7/5/2017	217.0	11.4%	24.738	320,604.48		
7/12/2017	246.0	10.0%	24.6	247,968.00		
7/17/2017	225.0	9.1%	20.475	147,420.00		
7/27/2017	221.0	8.2%	18.122	260,956.80	976,949.28	7,001,304.48

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
8/1/2017	296.0	8.2%	24.272	174,758.40		
8/11/2017	285.0	7.6%	21.66	311,904.00		
8/15/2017	102.0	7.6%	7.752	44,651.52		
8/25/2017	227.0	7.3%	16.571	238,622.40		
8/30/2017	227.0	7.5%	17.025	122,580.00	892,516.32	7,893,820.80
9/6/2017	392.0	7.4%	29.008	292,400.64		
9/13/2017	309.0	8.1%	25.029	252,292.32		
9/22/2017	270.0	7.7%	20.79	269,438.40		
9/26/2017	124.0	7.9%	9.796	56,424.96	870,556.32	8,764,377.12
10/7/2017	273.0	12.5%	34.125	540,540.00		
10/9/2017	-	0.0%	-	-		Blower Down
10/15/2017	273.0	19.1%	52.143	450,515.52		
10/26/2017	161.0	10.9%	17.549	277,976.16	1,269,031.68	10,033,408.80
11/2/2017	75.0	8.8%	6.6	66,528.00		
11/10/2017	189.0	7.6%	14.364	165,473.28		
11/17/2017	204.0	8.6%	17.544	176,843.52		
11/22/2017	402.0	7.1%	28.542	205,502.40		
11/27/2017	222.0	8.6%	19.092	137,462.40	751,809.60	10,785,218.40
12/8/2017	-	-	-	-		Blower Down
12/15/2017	401.0	18.3%	73.383	739,700.64		
12/19/2017	202.0	13.0%	26.26	151,257.60		
12/28/2017	426.0	9.5%	40.47	524,491.20	1,415,449.44	12,200,667.84
1/3/2018	306.0	9.0%	27.54	237,945.60		
1/8/2018	237.0	10.8%	25.596	184,291.20		
1/15/2018	287.0	9.0%	25.83	260,366.40	682,603.20	682,603.20
2/1/2018	171.0	3.9%	6.669	163,257.12		
2/9/2018	211.0	10.7%	22.577	260,087.04		
2/15/2018	221.0	10.7%	23.647	204,310.08		Total flow is based on Avg. Flow in 2018
2/21/2018	290.0	9.9%	28.71	248,054.40		
2/27/2018	102.0	9.3%	9.486	81,959.04	957,667.68	1,640,270.88
3/7/2018	221.0	9.2%	20.332	234,224.64		Total flow is based on Avg. Flow in 2018
3/14/2018	194.0	9.1%	17.654	177,952.32		
3/20/2018	259.0	12.8%	33.152	286,433.28		
3/30/2018	17.0	13.3%	2.261	32,558.40	731,168.64	2,371,439.52
4/6/2018	194.0	15.1%	29.294	295,283.52		
4/12/2018	215.0	15.8%	33.97	293,500.80		
4/16/2018	226.0	15.6%	35.256	203,074.56		
4/27/2018	285.0	26.7%	76.095	1,205,344.80		
4/30/2018	101.0	20.4%	20.604	89,009.28	2,086,212.96	4,457,652.48
5/10/2018	196.0	18.6%	36.456	524,966.40		
5/14/2018	145.0	16.0%	23.2	133,632.00		
5/22/2018	231.0	19.4%	44.814	516,257.28		
5/29/2018	276.0	22.8%	62.928	634,314.24	1,809,169.92	6,266,822.40
6/7/2018	125.0	21.8%	27.25	353,160.00		
6/12/2018	264.0	24.6%	64.944	467,596.80		
6/19/2018	122.0	25.4%	30.988	312,359.04		
6/26/2018	315.0	19.7%	62.055	625,514.40	1,758,630.24	8,025,452.64

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
7/2/2018	170.0	15.2%	25.84	223,257.60		
7/10/2018	294.0	14.1%	41.454	477,550.08		
7/20/2018	251.0	14.7%	36.897	531,316.80		
7/23/2018	233.0	13.6%	31.688	136,892.16	1,369,016.64	9,394,469.28
8/1/2018	183.0	14.3%	26.169	339,150.24		
8/6/2018	434.0	13.6%	59.024	424,972.80		
8/14/2018	151.0	13.5%	20.385	234,835.20		
8/20/2018	237.0	15.9%	37.683	325,581.12	1,324,539.36	10,719,008.64
8/27/2018	221.0	15.1%	33.371	336,379.68		Total flow is based on Avg. Flow in 2018
9/11/2018	84.0	14.1%	11.844	255,830.40		
9/19/2018	344.0	13.8%	47.472	546,877.44		
9/24/2018	246.0	31.5%	77.49	557,928.00	1,697,015.52	12,416,024.16
10/4/2018	154.0	13.9%	21.406	308,246.40		
10/11/2018	-	-	-	-		Blower Down
10/15/2018	273.0	25.2%	68.796	396,264.96		
10/29/2018	221.0	29.9%	66.079	1,332,152.64	2,036,664.00	Total flow is based on Avg. Flow in 2018
11/1/2018	171.0	21.2%	36.252	156,608.64		14,452,688.16
11/6/2018	11.0	17.8%	1.958	14,097.60		
11/13/2018	384.0	15.5%	59.52	599,961.60		
11/20/2018	77.0	17.1%	13.167	132,723.36		
11/27/2018	263.0	19.3%	50.759	511,650.72	1,415,041.92	15,867,730.08
12/7/2018	336.0	13.3%	44.688	643,507.20		
12/11/2018	277.0	13.8%	38.226	220,181.76		
12/21/2018	282.0	13.6%	38.352	552,268.80		
12/28/2018	206.0	10.9%	22.454	226,336.32		
12/31/2018	357.0	16.7%	59.619	257,554.08	1,899,848.16	17,767,578.24
1/7/2019	281.0	23.6%	66.316	668,465.28	668,465.28	668,465.28
2/1/2019	75.0	40.4%	30.3	305,424.00		
2/5/2019	197.0	34.6%	68.162	687,072.96		
2/13/2019	238.0	30.0%	71.4	719,712.00		
2/22/2019	273.0	27.2%	74.256	748,500.48		
2/28/2019	257.0	28.2%	72.474	730,537.92	3,191,247.36	3,859,712.64
3/5/2019	183.0	28.2%	51.606	520,188.48		
3/14/2019	214.0	31.3%	66.982	675,178.56		
3/20/2019	179.0	30.5%	54.595	550,317.60		
3/27/2019	164.0	18.7%	30.668	309,133.44	2,054,818.08	5,914,530.72
4/2/2019	489.0	16.4%	80.196	808,375.68		
4/8/2019	122.0	15.7%	19.154	193,072.32		
4/18/2019	461.0	21.7%	100.037	1,008,372.96		
4/26/2019	457.0	14.2%	64.894	654,131.52	2,663,952.48	8,578,483.20
5/1/2019	439.0	16.5%	72.435	730,144.80		
5/7/2019	453.0	12.5%	56.625	570,780.00		
5/14/2019	493.0	12.2%	60.146	606,271.68		
5/23/2019	693.0	3.7%	25.641	258,461.28		
5/29/2019	536.0	10.2%	54.672	551,093.76	2,716,751.52	11,295,234.72
6/3/2019	480.0	9.7%	46.56	469,324.80		
6/12/2019	532.0	10.0%	53.2	536,256.00		

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
6/17/2019	362.0	13.4%	48.508	488,960.64		
6/26/2019	662.0	20.7%	137.034	1,381,302.72	2,875,844.16	14,171,078.88
7/2/2019	390.0	18.1%	70.59	711,547.20		
7/8/2019	577.0	16.7%	96.359	971,298.72		
7/16/2019	492.0	10.3%	50.676	510,814.08		
7/24/2019	353.0	22.1%	78.013	786,371.04		
7/31/2019	540.0	4.8%	25.92	261,273.60	3,241,304.64	17,412,383.52
8/6/2019	475.0	11.1%	52.725	531,468.00		
8/14/2019	536.0	20.0%	107.2	1,080,576.00		
8/23/2019	481.0	19.6%	94.276	950,302.08		
8/27/2019	506.0	24.8%	125.488	1,264,919.04	3,827,265.12	21,239,648.64
9/6/2019	589.0	21.3%	125.457	1,264,606.56		
9/10/2019	508.0	0.7%	3.556	35,844.48		
9/20/2019	390.0	1.3%	5.07	51,105.60		
9/24/2019	237.0	20.0%	47.4	477,792.00	1,829,348.64	23,068,997.28
10/3/2019	30.0	13.8%	4.14	41,731.20		
10/11/2019	580.0	14.4%	83.52	841,881.60		
10/18/2019	438.0	14.6%	63.948	644,595.84		
10/28/2019	378.0	18.2%	68.796	693,463.68	2,221,672.32	25,290,669.60
11/6/2019	348.0	8.0%	27.84	280,627.20		
11/12/2019	569.0	12.2%	69.418	699,733.44		
11/20/2019	323.0	5.9%	19.057	192,094.56		
11/25/2019	222.0	9.7%	21.534	217,062.72	1,389,517.92	26,680,187.52
12/4/2019	357.0	10.0%	35.7	359,856.00		
12/10/2019	422.0	13.2%	55.704	561,496.32		
12/17/2019	-	-	-	-		
12/20/2019	473.0	15.1%	71.423	719,943.84		
12/26/2019	342.0	16.7%	57.114	575,709.12	2,217,005.28	28,897,192.80
1/3/2020	654.0	18.7%	122.298	1,232,763.84		
1/7/2020	553.0	17.7%	97.881	986,640.48		
1/13/2020	207.3	18.2%	37.729	380,304.29		Total flow is based on Avg. Flow in 2020 and methane volume is based on avg. methane in January
1/24/2020	207.3	17.0%	35.241	355,229.28		Total flow is based on Avg. Flow in 2020
1/29/2020	-	-	-	-	2,954,937.89	Blower Down
2/4/2020	-	-	-	-		Blower Down
2/11/2020	-	-	-	-		Blower Down
2/18/2020	-	-	-	-		Blower Down
2/25/2020	-	-	-	-	0	Blower Down
3/10/2020	-	-	-	-		Blower Down
3/17/2020	-	-	-	-		Blower Down
3/24/2020	98.0	22.8%	22.344	225,227.52		
3/31/2020	264.0	21.8%	57.552	580,124.16	805,351.68	
4/2/2020	203.0	19.1%	38.773	390,831.84		
4/6/2020	125.0	18.2%	22.75	229,320.00		
4/14/2020	85.0	13.3%	11.305	113,954.40		
4/21/2020	207.3	9.1%	18.8643	190,152.14		Total flow is based on Avg. Flow in 2020

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
4/29/2020	207.3	9.6%	19.9008	200,600.06	1,124,858.45	Total flow is based on Avg. Flow in 2020
5/5/2020	117.0	11.4%	13.338	134,447.04		
5/14/2020	68.0	9.8%	6.664	67,173.12		
5/20/2020	207.3	9.2%	19.0716	192,241.73		Total flow is based on Avg. Flow in 2020
5/28/2020	294.0	10.6%	31.164	314,133.12	707,995.01	
6/2/2020	202.0	14.9%	30.098	303,387.84		
6/9/2020	154.0	25.2%	38.808	391,184.64		
6/16/2020	281.0	16.4%	46.084	464,526.72		
6/23/2020	33.0	9.2%	3.036	30,602.88		
6/30/2020	-	-	-	-	1,189,702.08	Blower Down
7/1/2020	238.0	16.9%	40.222	405,437.76		
7/8/2020	213.0	12.4%	26.412	266,232.96		
7/13/2020	207.3	12.0%	24.876	250,750.08		Total flow is based on Avg. Flow in 2020
7/21/2020	232.0	12.5%	29	292,320.00		
7/28/2020	226.0	12.2%	27.572	277,925.76	1,492,666.56	
8/4/2020	82.0	14.4%	11.808	119,024.64		
8/11/2020	234.0	13.2%	30.888	311,351.04		
8/21/2020	108.0	14.0%	15.12	152,409.60		
8/26/2020	151.0	13.8%	20.838	210,047.04	792,832.32	
9/3/2020	106.0	12.5%	13.25	133,560.00		
9/10/2020	270.0	11.9%	32.13	323,870.40		
9/18/2020	56.0	12.1%	6.776	68,302.08		
9/25/2020	56.0	13.5%	7.56	76,204.80		
9/29/2020	337.0	12.6%	42.462	428,016.96	1,029,954.24	
10/6/2020	154.0	13.1%	20.174	203,353.92		
10/13/2020	296.0	7.8%	23.088	232,727.04		
10/21/2020	296.0	11.9%	35.224	355,057.92		
10/29/2020	152.0	9.2%	13.984	140,958.72	932,097.60	
11/5/2020	83.0	8.9%	7.387	74,460.96		
11/11/2020	262.0	8.3%	21.746	219,199.68		
11/19/2020	-	-	-	-		Blower Down
11/27/2020	221.0	10.6%	23.426	236,134.08	529,794.72	
12/4/2020	184.0	11.5%	21.16	213,292.80		
12/8/2020	79.0	12.1%	9.559	96,354.72		
12/14/2020	273.0	9.6%	26.208	264,176.64		
12/21/2020	355.0	9.4%	33.37	336,369.60		
12/28/2020	288.0	7.1%	20.448	206,115.84	1,116,309.60	12,676,500.14
1/7/2021	-	-	-	-		Blower Down
1/12/2021	191.0	24.3%	46.413	467,843.04		
1/18/2021	453.0	11.1%	50.283	506,852.64		
1/25/2021	230.6	-	-	-	974,695.68	974,695.68
2/2/2021	178.0	8.7%	15.486	156,098.88		
2/11/2021	230.6	-	-	-		Total flow is based on Avg. Flow in 2021
2/17/2021	183.0	7.9%	14.457	145,726.56		
2/26/2021	121.0	7.6%	9.196	92,695.68	394,521.12	1,369,216.80
3/3/2021	38.0	9.2%	3.496	35,239.68		
3/10/2021	-	-	-	-		Blower Down

TABLE 5.a.
EXTRACTED METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	METHANE BY VOLUME	METHANE FLOW	VOLUME OF EXTRACTED METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
3/19/2021	254.0	6.7%	17.018	171,541.44		
3/26/2021	190.0	9.9%	18.81	189,604.80	396,385.92	1,765,602.72
4/1/2021	342.0	10.7%	36.594	368,867.52	368,867.52	
5/24/2021	223.0	9.7%	21.631	218,040.48	218,040.48	
6/4/2021	245.0	9.5%	23.275	234,612.00		
6/7/2021	220.0	9.2%	20.24	204,019.20		
6/16/2021	118.0	9.0%	10.62	107,049.60		
6/22/2021	176.0	8.4%	14.784	149,022.72		
6/30/2021	307.0	8.4%	25.788	259,943.04	954,646.56	
7/8/2021	179.0	8.6%	15.394	155,171.52		
7/12/2021	162.0	8.6%	13.932	140,434.56		
7/19/2021	188.0	8.3%	15.604	157,288.32		
7/30/2021	219.0	7.5%	16.425	165,564.00	618,458.40	
8/3/2021	157.0	11.7%	18.369	185,159.52		
8/10/2021	198.0	10.1%	19.998	201,579.84		
8/20/2021	211.0	10.6%	22.366	225,449.28		
8/25/2021	158.0	9.3%	14.694	148,115.52	760,304.16	
9/1/2021	143.0	10.5%	15.015	151,351.20		
9/8/2021	77.0	10.5%	8.085	81,496.80		
9/13/2021	230.6	10.7%	-	-		Total flow is based on Avg. Flow in 2021
9/20/2021	270.0	18.3%	49.41	498,052.80		
9/28/2021	431.0	3.2%	13.792	139,023.36	869,924.16	
10/5/2021	408.0	3.0%	12.24	123,379.20		
10/13/2021	221.0	3.3%	7.293	73,513.44		
10/22/2021	343.0	2.5%	8.575	86,436.00		
10/29/2021	380.0	12.1%	45.98	463,478.40	746,807.04	
11/9/2021	176.0	12.4%	21.824	219,985.92		
11/19/2021	230.6	12.7%	-	-		Total flow is based on Avg. Flow in 2021
11/24/2021	230.6	14.9%	-	-	219,985.92	Total flow is based on Avg. Flow in 2021
12/2/2021	203	13.2%	26.796	270,103.68		
12/10/2021	459	13.3%	61.047	615,353.76		
12/16/2021	-	-	-	-		Blower Down
12/20/2021	-	-	-	-		Blower Down
12/30/2021	249	11.0%	27.39	276,091.20	1,161,548.64	7,684,185.60

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
1/6/2012	84.3	69.4%	58.5	84,198.16		
1/10/2012	70.2	66.4%	46.6	268,527.97		
1/16/2012	80.2	70.5%	56.6	488,757.89		
1/23/2012	80.2	71.6%	57.5	579,114.55		
2/2/2012	85.3	77.7%	66.2	953,901.14	2,374,499.72	
2/7/2012	80.2	78.0%	62.6	450,627.84		
2/17/2012	80.2	75.5%	60.6	872,369.28		
2/21/2012	80.2	75.9%	60.9	350,796.44		
2/27/2012	80.2	80.5%	64.6	558,085.25	2,231,878.81	4,606,378.53
3/21/2012	80.2	77.2%	61.9	2,051,627.67		
3/27/2012	80.2	65.1%	52.2	451,321.11	2,502,948.79	7,109,327.31
4/4/2012	80.2	71.7%	57.5	662,769.56		
4/11/2012	85.3	74.4%	63.4	639,371.58		
4/18/2012	183.0	73.4%	134.3	1,354,020.36		
4/25/2012	180.5	70.8%	127.8	1,288,448.99	3,944,610.49	11,053,937.80
5/2/2012	144.0	73.0%	105.1	1,059,609.60		
5/9/2012	188.0	73.2%	137.6	1,387,169.28		
5/16/2012	67.0	75.9%	50.9	512,598.24		
5/25/2012	95.0	76.9%	73.1	946,792.80		
5/29/2012	135.0	74.3%	100.3	577,756.80	4,483,926.72	15,537,864.52
6/5/2012	64.0	74.6%	47.7	481,259.52		
6/13/2012	116.0	75.5%	87.6	1,008,921.60		
6/22/2012	144.0	75.9%	109.3	1,416,476.16		
6/25/2012	91.0	75.1%	68.3	295,233.12	3,201,890.40	18,739,754.92
7/3/2012	77.0	74.6%	57.4	661,731.84		
7/9/2012	80.0	74.6%	59.7	515,635.20		
7/19/2012	93.0	76.8%	71.4	1,028,505.60		
7/23/2012	74.0	76.7%	56.8	326,926.08		
7/30/2012	125.0	73.6%	92.0	927,360.00	3,460,158.72	22,199,913.64
8/6/2012	87.0	73.4%	63.9	643,688.64		
8/15/2012	121.0	73.4%	88.8	1,151,029.44		
8/20/2012	93.0	75.9%	70.6	508,226.40		
9/25/2012	108.0	81.5%	88.0	4,562,956.80		
10/1/2012	131.0	82.4%	107.9	932,636.16	7,798,537.44	29,998,451.08
10/18/2012	0.0	0.0%	0.0	-		
10/22/2012	0.0	0.0%	0.0	-		
10/31/2012	0.0	0.0%	0.0	-		
11/7/2012	0.0	0.0%	0.0	-		
11/13/2012	0.0	0.0%	0.0	-		
11/19/2012	0.0	0.0%	0.0	-		
11/27/2012	0.0	0.0%	0.0	-		
12/7/2012	0.0	0.0%	0.0	-		
12/12/2012	0.0	0.0%	0.0	-		
12/19/2012	0.0	0.0%	0.0	-		
12/27/2012	0.0	0.0%	0.0	-		
1/2/2013	0.0	0.0%	0.0	-		
1/8/2013	0.0	0.0%	0.0	-		
1/15/2013	0.0	0.0%	0.0	-		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
1/23/2013	0.0	0.0%	0.0	-		
2/8/2013	0.0	0.0%	0.0	-		
2/12/2013	0.0	0.0%	0.0	-		
2/27/2013	0.0	0.0%	0.0	-		
3/7/2013	0.0	0.0%	0.0	-		
3/13/2013	0.0	0.0%	0.0	-		
3/28/2013	0.0	0.0%	0.0	-		
4/2/2013	0.0	0.0%	0.0	-		
4/9/2013	0.0	0.0%	0.0	-		
4/18/2013	0.0	0.0%	0.0	-		
4/22/2013	0.0	0.0%	0.0	-		
4/29/2013	0.0	0.0%	0.0	-		
5/8/2013	0.0	0.0%	0.0	-		
5/13/2013	0.0	0.0%	0.0	-		
5/22/2013	116.0	58.7%	68.1	882,472.32		
5/29/2013	132.0	62.1%	82.0	826,277.76	1,708,750.08	
6/6/2013	158.0	48.2%	76.2	877,317.12		
6/13/2013	261.0	57.0%	148.8	1,499,601.60		
6/18/2013	122.0	59.5%	72.6	522,648.00		
6/25/2013	144.0	60.8%	87.6	882,524.16	3,782,090.88	5,490,840.96
7/2/2013	204.0	67.4%	137.5	1,385,959.68		
7/8/2013	204.0	72.1%	147.1	1,270,805.76		
7/17/2013	110.0	76.4%	84.0	1,089,158.40		
7/26/2013	169.0	78.9%	133.3	1,728,099.36	5,474,023.20	10,964,864.16
8/1/2013	113.0	76.7%	86.7	748,837.44		
8/8/2013	116.0	76.3%	88.5	892,160.64		
8/13/2013	257.0	75.8%	194.8	1,402,603.20		
8/19/2013	165.0	74.2%	122.4	1,057,795.20		
8/27/2013	115.0	73.6%	84.6	975,052.80	5,076,449.28	16,041,313.44
9/3/2013	138.0	74.5%	102.8	1,036,324.80		
9/11/2013	100.0	75.6%	75.6	870,912.00		
9/17/2013	205.0	74.9%	153.5	1,326,628.80		
9/24/2013	115.0	77.4%	89.0	897,220.80	4,131,086.40	20,172,399.84
10/2/2013	69.0	79.0%	54.5	627,955.20		
10/8/2013	43.0	78.2%	33.6	290,528.64		
10/15/2013	51.0	75.9%	38.7	390,186.72		
10/24/2013	85.0	79.3%	67.4	873,568.80		
10/28/2013	84.0	79.5%	66.8	384,652.80	2,566,892.16	22,739,292.00
11/4/2013	76.0	77.1%	58.6	590,647.68		
11/11/2013	61.0	80.1%	48.9	492,518.88		
11/19/2013	160.0	78.8%	126.1	1,452,441.60		
11/25/2013	100.0	76.2%	76.2	658,368.00	3,193,976.16	25,933,268.16
12/5/2013	76.0	79.6%	60.5	871,142.40		
12/13/2013	0.1	58.4%	0.1	672.77		
12/18/2013	0.1	54.8%	0.1	394.56		
12/27/2013	370.0	70.2%	259.7	3,366,230.40		
12/30/2013	356.0	78.0%	277.7	1,199,577.60	5,436,950.40	31,370,218.56
1/7/2014	273.0	81.9%	223.6	2,575,722.24		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
1/15/2014	466.0	81.5%	379.8	4,375,180.80		
1/20/2014	336.0	83.7%	281.2	2,024,870.40		
1/29/2014	333.0	83.9%	279.4	3,620,855.52	12,596,628.96	12,596,628.96
2/4/2014	378.0	84.3%	318.7	2,753,170.56		
2/11/2014	288.0	85.2%	245.4	2,473,390.08		
2/18/2014	300.0	83.1%	249.3	2,512,944.00		
2/28/2014	339.0	84.0%	284.8	4,100,544.00	11,840,048.64	24,436,677.60
3/5/2014	310.0	85.7%	265.7	1,912,824.00		
3/11/2014	301.0	85.0%	255.9	2,210,544.00		
3/18/2014	0.0	0.0%	0.0	-		
3/25/2014	308.0	85.6%	263.6	2,657,571.84	6,780,939.84	31,217,617.44
4/1/2014	196.0	86.6%	169.7	1,710,938.88		
4/8/2014	324.0	85.0%	275.4	2,776,032.00		
4/15/2014	348.0	81.2%	282.6	2,848,366.08		
4/22/2014	325.0	84.3%	274.0	2,761,668.00	10,097,004.96	41,314,622.40
5/1/2014	346.0	83.9%	290.3	3,762,210.24		
5/8/2014	248.0	79.7%	197.7	1,992,372.48		
5/14/2014	202.0	82.3%	166.2	1,436,365.44		
5/20/2014	308.0	81.9%	252.3	2,179,457.28		
5/27/2014	333.0	81.1%	270.1	2,722,235.04	12,092,640.48	53,407,262.88
6/3/2014	319.0	80.7%	257.4	2,594,924.64		
6/10/2014	293.0	80.0%	234.4	2,362,752.00		
6/16/2014	422.0	80.7%	340.6	2,942,386.56		
6/25/2014	281.0	79.0%	222.0	2,876,990.40	10,777,053.60	64,184,316.48
7/1/2014	281.0	77.7%	218.3	1,886,431.68		
7/10/2014	341.0	78.1%	266.3	3,451,520.16		
7/15/2014	303.0	78.0%	236.3	1,701,648.00		
7/21/2014	319.0	77.1%	245.9	2,124,999.36		
7/28/2014	322.0	74.4%	239.6	2,414,845.44	11,579,444.64	75,763,761.12
8/5/2014	338.0	77.0%	260.3	2,998,195.20		
8/12/2014	0.0	79.0%	0.0	-		
8/19/2014	0.0	73.3%	0.0	-		
8/29/2014	0.0	79.6%	0.0	-	2,998,195.20	78,761,956.32
9/3/2014	0.0	81.6%	0.0	-		
9/13/2014	0.0	82.7%	0.0	-		
9/19/2014	0.0	81.6%	0.0	-		
9/24/2014	0.0	80.9%	0.0	-	-	78,761,956.32
10/1/2014	158.0	80.6%	127.3	1,283,667.84		
10/7/2014	153.0	78.2%	119.6	1,033,741.44		
10/12/2014	212.0	82.2%	174.3	1,254,700.80		
10/18/2014	136.0	85.3%	116.0	1,002,309.12	4,574,419.20	83,336,375.52
10/25/2014	160.0	84.9%	135.8	1,369,267.20		
11/7/2014	143.0	84.2%	120.4	2,254,000.32		
11/21/2014	251.0	78.2%	196.3	3,957,045.12	7,580,312.64	90,916,688.16
11/25/2014	185.0	83.7%	154.8	891,907.20		
12/1/2014	158.0	85.8%	135.6	1,171,272.96		
12/12/2014	85.0	74.2%	63.1	999,028.80		
12/18/2014	129.0	82.0%	105.8	913,939.20	3,976,148.16	94,892,836.32

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
12/23/2014	0.0	80.3%	0.0	-		
1/2/2015	43.0	82.4%	35.4	510,220.80		
1/6/2015	0.0	82.0%	0.0	-		
1/15/2015	0.0	82.1%	0.0	-		
1/19/2015	0.0	81.6%	0.0	-	510,220.80	510,220.80
1/30/2015	302.0	80.8%	244.0	3,865,213.44		
2/6/2015	257.0	83.8%	215.4	2,170,889.28		
2/12/2015	357.0	85.6%	305.6	2,640,314.88		
2/16/2015	273.0	85.5%	233.4	1,344,470.40		
2/24/2015	0.0	0.0%	0.0	-	6,155,674.56	6,665,895.36
3/4/2015	0.0	0.0%	0.0	-		
3/13/2015	357.0	80.4%	287.0	3,719,882.88		
3/20/2015	456.0	82.4%	375.7	3,787,499.52		
3/26/2015	237.0	82.9%	196.5	1,697,526.72	9,204,909.12	15,870,804.48
4/1/2015	287.0	81.5%	233.9	2,020,939.20		
4/7/2015	273.0	82.2%	224.4	1,938,867.84		
4/16/2015	306.0	83.3%	254.9	3,303,478.08		
4/22/2015	489.0	79.8%	390.2	3,371,518.08		
4/29/2015	351.0	81.0%	284.3	2,865,844.80	13,500,648.00	29,371,452.48
5/5/2015	366.0	84.1%	307.8	2,659,443.84		
5/12/2015	440.0	86.0%	378.4	3,814,272.00		
5/22/2015	585.0	86.1%	503.7	7,253,064.00		
5/26/2015	380.0	86.3%	327.9	1,888,934.40	15,615,714.24	44,987,166.72
6/2/2015	240.0	87.5%	210.0	2,116,800.00		
6/10/2015	494.0	89.1%	440.2	5,070,574.08		
6/16/2015	147.0	91.4%	134.4	1,160,853.12		
6/22/2015	398.0	87.3%	347.5	3,002,002.56		
6/30/2015	432.0	90.1%	389.2	4,483,952.64	15,834,182.40	60,821,349.12
7/8/2015	435.0	88.3%	384.1	4,424,889.60		
7/14/2015	399.0	87.7%	349.9	3,023,334.72		
7/21/2015	548.0	87.9%	481.7	4,855,455.36		
7/27/2015	436.0	87.4%	381.1	3,292,392.96	15,596,072.64	76,417,421.76
8/4/2015	349.0	86.7%	302.6	3,485,756.16		
8/11/2015	411.0	89.9%	369.5	3,724,449.12		
8/21/2015	396.0	80.7%	319.6	4,601,836.80		
8/25/2015	428.0	81.5%	348.8	2,009,203.20	13,821,245.28	90,238,667.04
9/3/2015	382.0	87.7%	335.0	4,341,781.44		
9/9/2015	427.0	88.0%	375.8	3,246,566.40		
9/16/2015	359.0	88.5%	317.7	3,202,567.20		
9/24/2015	331.0	88.6%	293.3	3,378,424.32		
9/29/2015	397.0	80.4%	319.2	2,298,153.60	16,467,492.96	106,706,160.00
10/9/2015	573.0	83.7%	479.6	6,906,254.40		
10/15/2015	377.0	87.9%	331.4	2,863,149.12		
10/22/2015	32.0	89.1%	28.5	287,400.96		
10/26/2015	391.0	88.8%	347.2	1,999,918.08	12,056,722.56	118,762,882.56
11/3/2015	312.0	88.7%	276.7	3,188,090.88		
11/13/2015	442.0	87.9%	388.5	5,594,659.20		
11/20/2015	354.0	88.1%	311.9	3,143,689.92		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
11/23/2015	262.0	88.2%	231.1	998,282.88	12,924,722.88	131,687,605.44
12/3/2015	160.0	88.1%	141.0	2,029,824.00		
12/11/2015	460.0	87.8%	403.9	4,652,697.60		
12/17/2015	232.0	86.9%	201.6	1,741,893.12		
12/21/2015	293.0	87.4%	256.1	1,475,032.32		
12/28/2015	318.0	87.4%	277.9	2,801,554.56	12,701,001.60	144,388,607.04
1/4/2016	516.0	88.3%	455.6	4,592,730.24		
1/12/2016	322.0	89.3%	287.5	3,312,529.92		
1/19/2016	262.0	89.4%	234.2	2,361,018.24		
1/27/2016	309.0	88.4%	273.2	3,146,757.12	13,413,035.52	13,413,035.52
2/1/2016	483.0	88.2%	426.0	3,067,243.20		
2/10/2016	406.0	89.3%	362.6	4,698,751.68		
2/16/2016	435.0	89.8%	390.6	3,375,043.20		
2/22/2016	351.0	88.9%	312.0	2,696,016.96	13,837,055.04	27,250,090.56
3/1/2016	396.0	89.1%	352.8	4,064,670.72		
3/7/2016	428.0	85.9%	367.7	3,176,513.28		
3/15/2016	448.0	85.7%	383.9	4,422,942.72		
3/22/2016	51.0	85.5%	43.6	439,538.40		
3/28/2016	335.0	86.3%	289.1	2,497,867.20	14,601,532.32	41,851,622.88
4/4/2016	337.0	85.8%	289.1	2,914,591.68		
4/11/2016	309.0	85.4%	263.9	2,659,970.88		
4/26/2016	392.0	85.1%	333.6	7,205,587.20	12,780,149.76	54,631,772.64
5/2/2016	363.0	84.6%	307.1	2,653,326.72		
5/9/2016	467.0	84.3%	393.7	3,968,304.48		
5/17/2016	373.0	85.1%	317.4	3,656,712.96		
5/24/2016	429.0	83.8%	359.5	3,623,780.16		
5/31/2016	350.0	83.7%	293.0	2,952,936.00	16,855,060.32	71,486,832.96
6/6/2016	412.0	83.8%	345.3	2,983,011.84		
6/15/2016	382.0	82.3%	314.4	4,074,442.56		
6/21/2016	302.0	82.9%	250.4	2,163,093.12		
6/28/2016	184.0	84.1%	154.7	1,559,819.52	10,780,367.04	82,267,200.00
7/8/2016	289.0	76.1%	219.9	3,166,977.60		
7/11/2016	252.0	81.5%	205.4	887,241.60		
7/21/2016	299.0	81.8%	244.6	3,521,980.80		
7/25/2016	345.0	83.1%	286.7	1,651,363.20	9,227,563.20	91,494,763.20
8/1/2016	238.0	71.4%	169.9	1,712,914.56		
8/9/2016	228.0	80.9%	184.5	2,124,887.04		
8/17/2016	325.0	81.1%	263.6	3,036,384.00		
8/24/2016	317.0	81.0%	256.8	2,588,241.60		
8/29/2016	399.0	82.2%	328.0	2,361,441.60	11,823,868.80	103,318,632.00
9/9/2016	165.0	72.0%	118.8	1,881,792.00		
9/12/2016	146.0	78.0%	113.9	491,961.60		
9/20/2016	103.0	69.2%	71.3	821,099.52		
9/28/2016	257.0	75.3%	193.5	2,229,361.92	5,424,215.04	108,742,847.04
10/4/2016	289.0	62.1%	179.5	1,550,612.16		
10/10/2016	141.0	73.8%	104.1	899,061.12		
10/19/2016	286.0	78.0%	223.1	2,891,116.80		
10/25/2016	239.0	78.2%	186.9	1,614,798.72	6,955,588.80	115,698,435.84

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
11/1/2016	408.0	79.7%	325.2	3,277,774.08		
11/9/2016	347.0	71.2%	247.1	2,846,177.28		
11/25/2016	-	75.8%	-	-	6,123,951.36	121,822,387.20
12/1/2016	27.0	86.6%	23.4	202,020.48		
12/8/2016	-	87.9%	-	-		
12/14/2016	34.0	87.9%	29.9	258,215.04		
12/20/2016	11.0	88.2%	9.7	83,825.28		
12/28/2016	205.0	89.6%	183.7	2,115,993.60	2,660,054.40	124,482,441.60
1/3/2017	150.0	90.6%	135.9	1,174,176.00		
1/10/2017	255.0	89.9%	229.2	2,310,789.60		
1/16/2017	255.0	90.0%	229.5	1,982,880.00		
1/23/2017	255.0	90.4%	230.5	2,323,641.60		
1/30/2017	255.0	88.2%	224.9	2,267,092.80	10,058,580.00	10,058,580.00
2/6/2017	255.0	89.3%	227.7	2,295,367.20		
2/13/2017	255.0	89.2%	227.5	2,292,796.80		
2/21/2017	255.0	89.3%	227.7	2,623,276.80	7,211,440.80	17,270,020.80
3/3/2017	Extraction system not working					
3/7/2017						
3/15/2017	255.0	84.6%	215.7	2,485,209.60		
3/22/2017	255.0	87.4%	222.9	2,246,529.60		
3/28/2017	255.0	89.4%	228.0	1,969,660.80	6,701,400.00	23,971,420.80
4/5/2017	87.0	90.3%	78.6	905,022.72		
4/11/2017	179.0	90.9%	162.7	1,405,823.04		
4/15/2017	411.0	91.1%	374.4	2,156,664.96		
4/28/2017	310.0	91.3%	283.0	5,298,321.60	9,765,832.32	33,737,253.12
5/5/2017	283.0	92.6%	262.1	2,641,544.64		
5/8/2017	66.0	92.4%	61.0	263,450.88		
5/17/2017	402.0	92.4%	371.4	4,813,966.08		
5/24/2017	402.0	90.1%	362.2	3,650,996.16		
5/31/2017	293.0	83.9%	245.8	2,477,936.16	13,847,893.92	47,585,147.04
6/5/2017	287.0	82.0%	235.3	1,694,448.00		
6/17/2017	410.0	82.3%	337.4	5,830,790.40		
6/21/2017	244.0	86.9%	212.0	1,221,327.36		
6/26/2017	191.0	88.6%	169.2	1,218,427.20	9,964,992.96	57,550,140.00
7/5/2017	217.0	82.9%	179.9	2,331,413.28		
7/12/2017	246.0	88.5%	217.7	2,194,516.80		
7/17/2017	225.0	89.4%	201.2	1,448,280.00		
7/27/2017	221.0	90.3%	199.6	2,873,707.20	8,847,917.28	66,398,057.28
8/1/2017	296.0	90.1%	266.7	1,920,211.20		
8/11/2017	285.0	90.9%	259.1	3,730,536.00		
8/15/2017	102.0	91.0%	92.8	534,643.20		
8/25/2017	227.0	91.0%	206.6	2,974,608.00		
8/30/2017	227.0	91.0%	206.6	1,487,304.00	10,647,302.40	77,045,359.68
9/6/2017	392.0	90.9%	356.3	3,591,786.24		
9/13/2017	309.0	90.5%	279.6	2,818,821.60		
9/22/2017	270.0	90.7%	244.9	3,173,774.40		
9/26/2017	124.0	90.5%	112.2	646,387.20	10,230,769.44	87,276,129.12
10/7/2017	273.0	87.3%	238.3	3,775,131.36		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
10/9/2017	-	79.4%	-	-		Blower Down
10/15/2017	273.0	76.6%	209.1	1,806,779.52		
10/26/2017	161.0	86.3%	138.9	2,200,857.12	7,782,768.00	95,058,897.12
11/2/2017	75.0	88.0%	66.0	665,280.00		
11/10/2017	189.0	87.1%	164.6	1,896,410.88		
11/17/2017	204.0	86.7%	176.9	1,782,829.44		
11/22/2017	402.0	87.5%	351.8	2,532,600.00		
11/27/2017	222.0	86.8%	192.7	1,387,411.20	8,264,531.52	103,323,428.64
12/8/2017	-	-	-	-		Blower Down
12/15/2017	401.0	78.6%	315.2	3,177,074.88		
12/19/2017	202.0	85.2%	172.1	991,319.04		
12/28/2017	426.0	88.3%	376.2	4,875,007.68	9,043,401.60	112,366,830.24
1/3/2018	306.0	88.9%	272.0	2,350,373.76		
1/8/2018	237.0	81.7%	193.6	1,394,128.80		
1/15/2018	287.0	90.0%	258.3	2,603,664.00	6,348,166.56	6,348,166.56
2/1/2018	171.0	82.5%	141.1	3,453,516.00		
2/9/2018	211.0	88.5%	186.7	2,151,187.20		
2/15/2018	221.0	88.5%	195.6	1,689,854.40		Total flow is based on Avg. Flow in 2018
2/21/2018	290.0	89.2%	258.7	2,234,995.20		
2/27/2018	102.0	89.7%	91.5	790,508.16	10,320,060.96	16,668,227.52
3/7/2018	221.0	89.8%	198.5	2,286,236.16		Total flow is based on Avg. Flow in 2018
3/14/2018	194.0	90.0%	174.6	1,759,968.00		
3/20/2018	259.0	86.8%	224.8	1,942,375.68		
3/30/2018	17.0	84.9%	14.4	207,835.20	6,196,415.04	22,864,642.56
4/6/2018	194.0	84.5%	163.9	1,652,414.40		
4/12/2018	215.0	83.8%	180.2	1,556,668.80		
4/16/2018	226.0	84.1%	190.1	1,094,780.16		
4/27/2018	285.0	72.9%	207.8	3,290,997.60		
4/30/2018	101.0	79.3%	80.1	346,001.76	7,940,862.72	30,805,505.28
5/10/2018	196.0	81.1%	159.0	2,288,966.40		
5/14/2018	145.0	82.5%	119.6	689,040.00		
5/22/2018	231.0	77.6%	179.3	2,065,029.12		
5/29/2018	276.0	76.5%	211.1	2,128,291.20	7,171,326.72	37,976,832.00
6/7/2018	125.0	74.2%	92.8	1,202,040.00		
6/12/2018	264.0	72.6%	191.7	1,379,980.80		
6/19/2018	122.0	73.6%	89.8	905,103.36		
6/26/2018	315.0	79.9%	251.7	2,536,984.80	6,024,108.96	44,000,940.96
7/2/2018	170.0	84.3%	143.3	1,238,198.40		
7/10/2018	294.0	85.4%	251.1	2,892,395.52		
7/20/2018	251.0	84.7%	212.6	3,061,396.80		
7/23/2018	233.0	85.8%	199.9	863,628.48	8,055,619.20	52,056,560.16
8/1/2018	183.0	85.1%	155.7	2,018,299.68		
8/6/2018	434.0	85.8%	372.4	2,681,078.40		
8/14/2018	151.0	85.9%	129.7	1,494,247.68		
8/20/2018	237.0	83.8%	198.6	1,715,955.84	7,909,581.60	59,966,141.76
8/27/2018	221.0	84.3%	186.3	1,877,934.24		Total flow is based on Avg. Flow in 2018
9/11/2018	84.0	85.2%	71.6	2,267,274.24		
9/19/2018	344.0	85.6%	294.5	3,392,225.28		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
9/24/2018	246.0	68.2%	167.8	1,207,958.40	6,867,457.92	66,833,599.68
10/4/2018	154.0	85.2%	131.2	1,889,395.20		
10/11/2018	-	-	-	-		Blower Down
10/15/2018	273.0	74.4%	203.1	1,169,925.12		
10/29/2018	221.0	66.9%	147.8	2,980,635.84	4,150,560.96	Total flow is based on Avg. Flow in 2018
11/1/2018	171.0	78.1%	133.6	576,940.32		70,984,160.64
11/6/2018	11.0	81.6%	9.0	64,627.20		
11/13/2018	384.0	83.8%	321.8	3,243,663.36		
11/20/2018	77.0	82.0%	63.1	636,451.20		
11/27/2018	263.0	80.4%	211.5	2,131,436.16	6,653,118.24	77,637,278.88
12/7/2018	336.0	86.0%	289.0	4,161,024.00		
12/11/2018	277.0	85.5%	236.8	1,364,169.60		
12/21/2018	282.0	85.7%	241.7	3,480,105.60		
12/28/2018	206.0	88.2%	181.7	1,831,455.36		
12/31/2018	357.0	78.8%	281.3	1,215,285.12	12,052,039.68	89,689,318.56
1/7/2019	281.0	73.2%	205.7	2,073,375.36	2,073,375.36	2,073,375.36
2/1/2019	75.0	58.8%	44.1	444,528.00		
2/5/2019	197.0	64.6%	127.3	1,282,800.96		
2/13/2019	238.0	69.2%	164.7	1,660,135.68		
2/22/2019	273.0	71.5%	195.2	1,967,565.60		
2/28/2019	257.0	70.5%	181.2	1,826,344.80	7,181,375.04	9,254,750.40
3/5/2019	183.0	70.3%	128.6	1,296,781.92		
3/14/2019	214.0	67.6%	144.7	1,458,213.12		
3/20/2019	179.0	68.3%	122.3	1,232,350.56		
3/27/2019	164.0	81.0%	132.8	1,339,027.20	5,326,372.80	14,581,123.20
4/2/2019	489.0	83.2%	406.8	4,101,027.84		
4/8/2019	122.0	83.8%	102.2	1,030,538.88		
4/18/2019	461.0	77.7%	358.2	3,610,625.76		
4/26/2019	457.0	87.1%	398.0	4,012,313.76	12,754,506.24	27,335,629.44
5/1/2019	439.0	83.0%	364.4	3,672,849.60		
5/7/2019	453.0	86.8%	393.2	3,963,496.32		
5/14/2019	493.0	87.1%	429.4	4,328,382.24		
5/23/2019	693.0	84.0%	582.1	5,867,769.60		
5/29/2019	536.0	89.2%	478.1	4,819,368.96	22,651,866.72	49,987,496.16
6/3/2019	480.0	89.7%	430.6	4,340,044.80		
6/12/2019	532.0	89.4%	475.6	4,794,128.64		
6/17/2019	362.0	83.8%	303.4	3,057,828.48		
6/26/2019	662.0	73.9%	489.2	4,931,317.44	17,123,319.36	67,110,815.52
7/2/2019	390.0	76.9%	299.9	3,023,092.80		
7/8/2019	577.0	78.0%	450.1	4,536,604.80		
7/16/2019	492.0	80.1%	394.1	3,972,447.36		
7/24/2019	353.0	74.6%	263.3	2,654,447.04		
7/31/2019	540.0	80.3%	433.6	4,370,889.60	18,557,481.60	85,668,297.12
8/6/2019	475.0	77.5%	368.1	3,710,700.00		
8/14/2019	536.0	77.5%	415.4	4,187,232.00		
8/23/2019	481.0	73.9%	355.5	3,583,026.72		
8/27/2019	506.0	71.7%	362.8	3,657,044.16	15,138,002.88	100,806,300.00
9/6/2019	589.0	70.3%	414.1	4,173,795.36		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
9/10/2019	508.0	80.1%	406.9	4,101,632.64		
9/20/2019	390.0	80.2%	312.8	3,152,822.40		
9/24/2019	237.0	74.1%	175.6	1,770,219.36	13,198,469.76	114,004,769.76
10/3/2019	30.0	85.4%	25.6	258,249.60		
10/11/2019	580.0	83.9%	486.6	4,905,129.60		
10/18/2019	438.0	83.8%	367.0	3,699,803.52		
10/28/2019	378.0	79.6%	300.9	3,032,951.04	11,896,133.76	125,900,903.52
11/6/2019	348.0	85.8%	298.6	3,009,726.72		
11/12/2019	569.0	85.0%	483.7	4,875,192.00		
11/20/2019	323.0	88.0%	284.2	2,865,139.20		
11/25/2019	222.0	87.6%	194.5	1,960,277.76	12,710,335.68	138,611,239.20
12/4/2019	357.0	89.2%	318.4	3,209,915.52		
12/10/2019	422.0	85.9%	362.5	3,653,979.84		
12/17/2019	-	-	-	-		
12/20/2019	473.0	84.4%	399.2	4,024,056.96		
12/26/2019	342.0	82.8%	283.2	2,854,414.08	13,742,366.40	152,353,605.60
1/3/2020	654.0	80.8%	528.4	5,326,594.56		
1/7/2020	553.0	81.7%	451.8	4,554,154.08		
1/13/2020	207.3	81.8%	169.6	1,709,279.71		Total flow is based on Avg. Flow in 2020
1/24/2020	207.3	83.0%	172.1	1,734,354.72		Total flow is based on Avg. Flow in 2021
1/29/2020	-	-	-	-	13,324,383.07	Blower Down
2/4/2020	-	-	-	-		Blower Down
2/11/2020	-	-	-	-		Blower Down
2/18/2020	-	-	-	-		Blower Down
2/25/2020	-	-	-	-	0	Blower Down
3/10/2020	-	-	-	-		Blower Down
3/17/2020	-	-	-	-		Blower Down
3/24/2020	98.0	76.8%	75.3	758,661.12		
3/31/2020	264.0	78.0%	205.9	2,075,673.60	2,834,334.72	
4/2/2020	203.0	80.6%	163.6	1,649,269.44		
4/6/2020	125.0	81.4%	101.8	1,025,640.00		
4/14/2020	85.0	86.1%	73.2	737,704.80		
4/21/2020	207.3	87.1%	180.6	1,820,027.66		Total flow is based on Avg. Flow in 2020
4/29/2020	207.3	89.4%	185.3	1,868,088.10	7,100,730.00	Total flow is based on Avg. Flow in 2020
5/5/2020	117.0	88.0%	103.0	1,037,836.80		
5/14/2020	68.0	89.3%	60.7	612,097.92		
5/20/2020	207.3	89.8%	186.2	1,876,446.43		Total flow is based on Avg. Flow in 2020
5/28/2020	294.0	88.6%	260.5	2,625,678.72	6,152,059.87	
6/2/2020	202.0	84.6%	170.9	1,722,591.36		
6/9/2020	154.0	74.5%	114.7	1,156,478.40		
6/16/2020	281.0	83.2%	233.8	2,356,623.36		
6/23/2020	33.0	82.4%	27.2	274,095.36		
6/30/2020	-	-	-	-	5,509,788.48	Blower Down
7/1/2020	238.0	82.5%	196.4	1,979,208.00		
7/8/2020	213.0	81.7%	174.0	1,754,131.68		
7/13/2020	207.3	81.5%	168.9	1,703,010.96		Total flow is based on Avg. Flow in 2020
7/21/2020	232.0	81.9%	190.0	1,915,280.64		
7/28/2020	226.0	81.7%	184.6	1,861,191.36	9,212,822.64	

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
8/4/2020	82.0	79.6%	65.3	657,941.76		
8/11/2020	234.0	80.9%	189.3	1,908,204.48		
8/21/2020	108.0	80.6%	87.0	877,443.84		
8/26/2020	151.0	81.1%	122.5	1,234,406.88	4,677,996.96	
9/3/2020	106.0	82.2%	87.1	878,290.56		
9/10/2020	270.0	82.6%	223.0	2,248,041.60		
9/18/2020	56.0	82.3%	46.1	464,567.04		
9/25/2020	56.0	81.5%	45.6	460,051.20		
9/29/2020	337.0	82.3%	277.4	2,795,698.08	6,846,648.48	
10/6/2020	154.0	83.6%	128.7	1,297,739.52		
10/13/2020	296.0	85.6%	253.4	2,554,030.08		
10/21/2020	296.0	85.4%	252.8	2,548,062.72		
10/29/2020	152.0	86.8%	131.9	1,329,914.88	7,729,747.20	
11/5/2020	83.0	87.2%	72.4	729,550.08		
11/11/2020	262.0	89.3%	234.0	2,358,377.28		
11/19/2020	-	-	-	-		Blower Down
11/27/2020	221.0	81.0%	179.0	1,804,420.80	4,892,348.16	
12/4/2020	184.0	83.6%	153.8	1,550,545.92		
12/8/2020	79.0	83.8%	66.2	667,316.16		
12/14/2020	273.0	85.2%	232.6	2,344,567.68		
12/21/2020	355.0	84.5%	300.0	3,023,748.00		
12/28/2020	288.0	84.8%	244.2	2,461,777.92	10,047,955.68	78,328,815.26
1/7/2021	-	-	-	-		
1/12/2021	191.0	75.4%	144.0	1,451,661.12		
1/18/2021	453.0	82.2%	372.4	3,753,449.28		
1/25/2021	-	-	-	-	5,205,110.40	
2/2/2021	178.0	85.6%	152.4	1,535,869.44		
2/11/2021	-	-	-	-		
2/17/2021	183.0	85.9%	157.2	1,584,545.76		
2/26/2021	121.0	86.5%	104.7	1,055,023.20	4,175,438.40	
3/3/2021	38.0	86.3%	32.8	330,563.52		
3/10/2021	-	-	-	-		
3/19/2021	254.0	85.2%	216.4	2,181,392.64		
3/26/2021	190.0	86.0%	163.4	1,647,072.00	4,159,028.16	
4/1/2021	342.0	88.6%	303.0	3,054,360.96	3,054,360.96	
5/24/2021	223.0	89.7%	200.0	2,016,312.48	2,016,312.48	
6/4/2021	245.0	89.9%	220.3	2,220,170.40		
6/7/2021	220.0	90.2%	198.4	2,000,275.20		
6/16/2021	118.0	90.1%	106.3	1,071,685.44		
6/22/2021	176.0	90.6%	159.5	1,607,316.48		
6/30/2021	307.0	90.6%	278.1	2,803,671.36	9,703,118.88	
7/8/2021	179.0	90.4%	161.8	1,631,105.28		
7/12/2021	162.0	90.3%	146.3	1,474,562.88		
7/19/2021	188.0	90.4%	170.0	1,713,116.16		
7/30/2021	219.0	92.0%	201.5	2,030,918.40	6,849,702.72	
8/3/2021	157.0	88.1%	138.3	1,394,235.36		
8/10/2021	198.0	88.9%	176.0	1,774,301.76		
8/20/2021	211.0	88.6%	186.9	1,884,415.68		

TABLE 5.b.
EXTRACTED NON-METHANE VOLUME
Junker Sanitary Landfill FID #656026800

DATE	TOTAL FLOW	NON METHANE BY VOLUME	NON METHANE FLOW	VOLUME OF EXTRACTED NON METHANE	CUMULATIVE VOLUME MONTHLY	COMMENTS
	(CFM)	(%)	(CFM)	(CUBIC FEET)	(CUBIC FEET)	
8/25/2021	158.0	89.6%	141.6	1,427,005.44	6,479,958.24	
9/1/2021	143.0	89.5%	128.0	1,290,088.80		
9/8/2021	77.0	89.5%	68.9	694,663.20		
9/13/2021	-	89.3%		-		
9/20/2021	270.0	81.7%	220.6	2,223,547.20		
9/28/2021	431.0	96.8%	417.2	4,205,456.64	8,413,755.84	
10/5/2021	408.0	97.0%	395.8	3,989,260.80		
10/13/2021	221.0	96.7%	213.7	2,154,166.56		
10/22/2021	343.0	97.5%	334.4	3,371,004.00		
10/29/2021	380.0	87.9%	334.0	3,366,921.60	12,881,352.96	
11/9/2021	176.0	87.6%	154.2	1,554,094.08		
11/19/2021	-	87.3%		-		Flow Instrument Not Working
11/24/2021	-	85.1%		-	1,554,094.08	
12/2/2021	203	86.80%	176.2	1,776,136.32		
12/10/2021	459	86.70%	398.0	4,011,366.24		
12/16/2021	-	-		-		Blower
12/20/2021	-	-		-		Down
12/30/2021	249	89%	221.6	2,233,828.80	8,021,331.36	72,513,564.48

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW - 1 (DNR # 701)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	29.85	29.85 F			-20.70	0.10	50.00	25.70	27.10	0.00	47.20	ND			
3/27/2012	68	28.54 R			-19.50	0.80	49.00	3.50	20.00	3.60	72.80				
6/25/2012	77	28.98S			0.00	-0.10	78.00	0.00	0.00	20.60	79.40	4	0		Valve Closed
9/10/2012	69	28.89F			-4.9	0	86	7.6	23.6	0.3	68.5	1	0.076		Valve Closed
10/31/2012	40	30.00F						36.9	31.9	0.1	31.1				Blower Off
11/13/2012	36	30.15F						12.9	25	0.3	61.8				Blower Off
12/19/2012	28	29.99S						0	0	21.2	78.8				Blower Off
3/28/2013	32	30.34S						0.1	0	20.8	79.1				Blower Off
6/18/2013	65	28.93S			-6	-0.1	68	0	0	19.8	80.2	0			Valve Closed
9/11/2013	82	28.86S			-3.5	0	84	0	0	19.6	80.4	13	0	13	Valve Closed
12/18/2013	26	28.62F			0	0.3	29	36.5	30.3	0.1	33.1				Valve Closed
3/11/2014	37	28.69R			-13.3	-0.6	40	0	0.1	22.4	77.5	25	0	25	Valve Closed
6/16/2014	82	28.77S			-6.2	-0.1	92	27.9	23.1	2.3	46.7	36	10.044	36	Valve Closed
9/19/2014	64	28.75F			-5.1	0.2	67	1.4	7.8	11.9	78.9				Valve Closed
12/18/2014	22	29.16S			-13.8	0	30	2.9	13.3	9.6	74.2				Valve Closed
3/20/2015	40	28.88S			-14.6	-0.1	42	1.4	1.8	20.5	76.3	22	0.308	22	Valve Closed
6/16/2015	70	29.08	738.63	F	-15.3	-1.5	81	0.1	0	20.7	79.2	46	0.046	46	Valve Closed
9/16/2015	80	28.75	730.25	S	-11.8	-1.3	80	0.1	0.4	19.7	79.8	46	0.046	46	Valve Closed
12/21/2015	36	28.7	728.98	S	-12.1	-0.4	32	0.2	1.5	19.7	78.6				Valve Closed
3/17/2016	40	28.69	728.73	R	-12.6	-0.3	46	0.1	0.7	20.8	78.4				Valve Closed
6/15/2016	70	28.64	727.46	R	-4.4	7.4	81	1	3	16.7	79.3	12	0.12	12	Valve Closed
9/20/2016	73	29.03	737.36	R	-10.9	0.9	97	9.1	9.3	11.4	70.2	10	0.91	10	Valve Closed
12/1/2016	33	28.77	730.76	R	-7.8	-5.2	96	0.7	18	3.7	77.6	26	0.182	27	Valve Open
3/28/2017	38	29.01	736.85	S	-12.6	1.8	55	8.8	21.3	1.8	68.1		0		Valve Open
6/5/2017	77	30	762.00	S	-11	-0.4	100	2.3	23.1	0.8	73.8	37	0.851	36	Valve Closed
9/6/2017	60	30.14	765.56	S	-9.7	-1.1	63	0	0	20.4	79.6				Valve Closed
12/19/2017	35	28.8	731.52	R	-12.8	-0.3	34	0	0	21.9	78.1				Valve Closed
3/14/2018	25	28.89	733.81	s	-13.9	0	39	3.9	22.3	1.2	72.6				Valve Closed
*6/19/2018	59	28.98	736.09	S	-9.3	-2.9	92	16.4	23.8	3.1	56.7	83	13.612	74	Valve Open
*9/24/2018	60	29.95	760.73	S	0.1	0.2	86	21.8	26.9	0.2	51.1	5	1.09	4	Valve Open
12/28/2018	22	28.86	733.04	S	-10.7	-3.2	103	2.8	9.1	13.2	74.9	70	1.96		Valve Closed
3/20/2019	35	29.89	759.21	S	-10	-0.2	39	28.9	21.5	4.9	44.7	9	2.601	13	Valve Open
6/18/2019	70	29.99	761.75	S	-11.8	-3.1	116	3.3	12.9	7.9	75.9	89	2.937	33	Valve Closed
9/20/2019	67	30.08	764.03	S	-7	-0.3	83	43.2	35.7	1.8	19.3	52	22.464	73	Valve Open
12/4/2019	31	28.87	733.30	R	-4.7	-1.9	-	5.7	15.6	7.7	71	71	4.047	-	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	52	23.8	29.6	1	45.6	27	0	24	Valve Open

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW - 1 (DNR # 701)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
6/5/2020	70	31.15	791.21	S	-9.5	-1.6	-	3.2	11.4	10.5	74.9	44	1.408	29	Valve Closed
9/29/2020	54	29	736.60	S	-6.1	-0.2	64	2	2.5	19.2	76.3	23	0.46	23	Valve Closed
12/10/2020	40	29.94	760.48	S	-6.3	-0.2	47	0.1	0.1	21.4	78.4	0	0	0	Valve Closed
3/19/2021	57	30.5	774.70	R	-5.9	-0.1	48	0	0	21	79	0	0	0	Valve Closed
6/16/2021	80	30.03	762.76	R	-6.8	-0.2	80	0	0.1	19.9	80	0	0	166	Valve Closed
9/13/2021	67	29.97	761.238	R	-8.1	-0.7	72	0.7	4.4	15.7	79.2	0	0	0	Valve Closed
12/2/2021	41	29.89	759.206	R	-7.1	6.157	51	1	1.4	19.1	78.5	165	1.65	168	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 2 (DNR # 702)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-20.50	0.00	58.00	36.90	31.10	0.00	32.00	ND			
3/27/2012	68	28.54 R			-19.5	0	58	23.9	28.4	0	47.8				
6/25/2012	0	28.98S			0	-0.1	74	21.7	26	2.2	50.1	6	1.302		Valve Closed
9/10/2012	69	28.89F			-4.8	0.1	88	23.2	26.3	0.4	50.1	5	1.16		Valve open 1/4 turn
10/31/2012	40	30.00F						38.6	34.4	0.3	26.7				Blower Off
11/13/2012	36	30.15F						0.1	1.6	19	79.3				Blower Off
12/19/2012	28	29.99S						0	0	21.3	78.7				Blower Off
3/28/2013	32	30.34S						0	0.2	20.5	79.3				Blower Off
6/18/2013	65	28.93S			-6	-0.1	72	0	0	19.8	80.2				Valve open 1/4 turn
9/11/2013	82	28.86S			-3.2	0	90	2	2.4	18.3	77.3	14	0.28	15	Valve Closed
12/18/2013	26	28.62F			0	0.3	30	30.4	31.6	0.1	37.9				Valve Closed
3/11/2014	37	28.69R			-13.1	-0.6	39	0	0.1	22.4	77.5	23	0	23	Valve Closed
6/16/2014	82	28.77S			-6.3	-0.2	92	5.7	4	16	74.3	36	2.052	36	Valve Closed
9/19/2014	64	28.75F			-4.8	0.2	68	7	7.2	13.6	72.2				Valve Closed
12/18/2014	22	29.16S			-13	0	24	5.5	8.1	13.7	72.7				Valve Closed
3/20/2015	40	28.88S			-12.4	-0.1	44	0.4	0.8	21.8	77	22	0.088	21	Valve Closed
6/16/2015	70	29.08S			-15.1	-1.5	83	0.1	0	21	78.9	46	0.046	46	Valve Closed
9/16/2015	80	28.75F			-11.3	-1.3	82	0.1	0.2	20	79.7	47	0.047	46	Valve Closed
12/21/2015	36	28.70S			-11.1	0	32	0.1	0.1	21.6	78.2				Valve Closed
3/17/2016	40	28.69S			-10.8	-0.4	46	0	0.1	21.8	78.1				Valve Closed
6/15/2016	70	28.64	727.46	F	-3	7.4	80	0.1	0.8	18.9	80.2	14	0.014	14	Valve Closed
9/20/2016	73	29.01	736.85	R	-9	0.9	94	26.9	17.8	6.9	48.4	13	3.497	13	Valve Closed
12/1/2016	33	28.77	730.76	R	-9.9	-1.2	57	7.3	23.5	1.6	67.6				Valve Open
3/28/2017	38	29	736.60	S	-12.5	-1.2	54	3.4	20.3	2	74.3			15	Valve Open
6/5/2017	77	30	762	S	-12.8	-0.8	60	6.2	18.9	1.6	73.3	27	1.674	23	Valve Open
9/6/2017	60	30.14	765.56	S	-10.1	0.6	63	4.9	19.9	2.3	72.9				Valve Closed
12/19/2017	35	28.8	731.52	R	-10.5	-0.4	41	0	0	21.8	78.2				Valve Closed
3/14/2018	25	28.89	733.806	s	-11.7	0	40	0.2	14.8	4.4	80.6				Valve Closed
*6/19/2018	59	28.98	736.092	S	-8.4	0	63	19.7	13.7	10.4	56.2				Valve Open
*9/24/2018	60	29.95	760.73	S	0.2	0.2	76	9.4	22	2.6	66	4	0.376	4	Valve Open
12/28/2018	22	28.86	733.044	S	-13.5	-3.8	60	0.6	2.1	20.9	76.4	56	0.336	23	Valve Closed
3/20/2019	35	29.89	759.206	S	-6.3	0	37	37.7	35.1	0.2	27	10	3.77	78	Valve Open
6/18/2019	70	29.99	761.746	S	-14.3	-1.1	62	1.8	6.1	14.4	77.7	55	0.99	54	Valve Closed
9/20/2019	67	30.08	764.032	S	-6.8	-0.5	81	23.2	14.6	10.8	51.4	53	12.296	65	Valve Open
12/4/2019	31	28.87	733.298	R	-13.8	-4.4	-	0.1	0	20.4	79.5	82	0.082	48	Valve Closed
3/17/2020	40	30.27	768.858	R	0	0	43	26.6	16.2	10.5	46.7	0	0	0	Valve Open
6/5/2020	70	31.15	791.21	S	-10.7	-5.3	-	0.1	0	20.6	79.3	96	0.096	46	Valve Closed

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 2 (DNR # 702)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/29/2020	54	29	736.6	S	-8.6	-0.2	71	0.2	4.4	16.3	79.1	25	0.05	25	Valve Closed
12/10/2020	40	29.94	760.476	S	-5.9	-0.3	48	0.1	0.1	21.6	78.2	0	0	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-10	-0.1	53	0	0	21.2	78.8	0	0	0	Valve Closed
6/16/2021	80	30.03	762.762	R	-10.8	-0.2	88	0	0	20.3	79.7	0	0	212	Valve Closed
9/13/2021	67	29.97	761.238	R	-9.9	-0.7	72	3.6	14.1	6.6	75.7	0	0	0	Valve Broken
12/2/2021	41	29.89	759.206	R	-5.8	7.862	46	0	0	21.1	78.9	191	0	191	Valve Broken

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 3 (DNR # 703)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	28.75 F			-20.00	0.00	34.00	46.60	26.20	0.00	27.20	ND			INC FLOW
2/17/2012	40	29.97 S			-18.3	0	36	24.7	26.1	0	49.2	0	0	0	
3/27/2012	68	28.54 R			-17.00	0.90	42.00	16.20	22.00	0.80	61.00				
4/18/2012	60	28.75S			-16.5	0	57	24.8	23.5	0.3	51.4	0	0	0	Valve Open
5/29/2012	60	26.65S			-12.4	0.3	60	24.6	24.2	0.4	50.8	3	0.738		Valve Open
6/25/2012	77	28.98S			0	0.3	76	0.5	1.1	20.1	78.3	1	0.005		Valve Closed
7/18/2012	74	28.76S			-10.8	-0.2	73	6.2	4.9	16.2	72.7	2	0.124		Valve Open
8/7/2012	85	28.86S			-5.5	0	91	29.7	22.3	1.1	46.9	1	0.297		Valve Open
9/10/2012	69	28.89F			-1.4	0.1	92	26.7	22.6	0.3	50.4	2	0.534		Valve Open
10/1/2012	62	28.77S			-5.3	-0.2	65	22.3	23.6	0.3	53.8	0	0		Valve Open
10/22/2012	60	28.76R						30.8	18.2	5.5	45.5				Blower Off
10/31/2012	40	30.00F						47.8	26.4	0.4	25.4				Blower Off
11/13/2012	36	30.15F						0.3	2.2	17.3	80.2				Blower Off
12/19/2012	28	29.99S						0.8	1.1	20.5	77.6				Blower Off
1/2/2013	14	29.95S						22.4	20.9	1	55.7				Blower Off
1/15/2013	22	29.00S						10.1	15	0.8	74.1				Blower Off
2/12/2013	26	29.90F						2.2	6.8	9.7	81.3				Blower Off
3/28/2013	32	30.34S						0	0	20.5	79.5				Blower Off
4/29/2013	55	28.60F						5.1	4.5	15.9	74.5				Blower Off
5/13/2013	50	28.81S						32.7	21.9	0.9	44.5				Blower Off
6/18/2013	65	28.93S			-4.1	-0.2	67	18	12.9	10	59.1				Valve Open
7/17/2013	90	29.09S			-12.4	-0.2	84	14.1	22.9	0.1	62.9	2	0.282	2	Valve Open
8/13/2013	70	29.02S			-3.8	0	87	21.4	23.2	0	55.4	23	4.922	23	Valve Open
9/11/2013	82	28.86S			-3.7	0	87	11.1	8	12.3	68.6	17	1.887	17	Valve Closed
10/8/2013	64	28.73F			-3.3	0	67	34.7	26.1	0.4	38.8				Valve Closed
11/19/2013	26	29.01F			-3.4	0.2	43	26.6	23.6	0.1	49.7	16	4.256	16	Valve Closed
12/18/2013	26	28.62F			-0.2	0.2	29	41.7	28	0.1	30.2				Valve Closed
1/15/2014	3	28.92F			-12.7	0	0	20.6	24.4	0.2	54.8	25	5.15	25	Valve Closed
2/18/2014	33	28.42S			-13	-0.3	40	23.5	19.8	6.4	50.3	27	6.345	27	Valve Closed
3/11/2014	37	28.69R			-13.4	-0.6	39	1.1	2.2	20.9	75.8	22	0.242	22	Valve Closed
4/22/2014	45	28.96S			-13.8	-0.3	62	5.4	18.3	3.5	72.8	29	1.566	29	Valve Closed
5/14/2014	46	29.10S			-7	-0.5	58	1.3	2.6	19	77.1	21	0.273	21	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 3 (DNR # 703)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
6/16/2014	82	28.77S			-6.2	-0.1	91	27.9	19.4	3	49.7	37	10.323	37	Valve Closed
7/15/2014	61	29.94F			-6.5	-0.3	69	24.2	16.3	7.4	52.1	29	7.018	29	Valve Closed
8/5/2014	67	29.07S			-5.5	-0.3	85	3.4	2.4	19.6	74.6	31	1.054	31	Valve Closed
9/19/2014	64	28.75F			-4.9	0.3	67	19.1	23.3	0.3	57.3				Valve Closed
10/9/2014	55	30.19S			-9.5	-0.1	64	0.1	0	21.3	78.6	8	0.008	7	Valve Closed
11/25/2014	22	28.91R			-12	-0.1	35	0.6	0.8	20.9	77.7				Valve Closed
12/18/2014	22	29.16S			12.7	0.1	24	28	25.2	0.2	46.6				Valve Closed
1/19/2015	29	28.79F			11.8	0.2	31	30.8	24.9	0.2	44.1	17	5.236	18	Valve Closed
3/20/2015	40	28.88S			-12.4	-0.1	43	22.1	16.2	8.9	52.8	21	4.641	21	Valve Closed
4/7/2015	37	29.03S			-12.5	0.2	42	29.4	23	1.1	46.5	29	8.526	28	Valve Closed
5/5/2015	67	29.06S			-9.7	0.1	73	12.1	17.2	4.6	66.1	23	2.783	23	Valve Closed
6/16/2015	70	29.08S			-14.7	-1.3	80	0.1	0	21.1	78.8	47	0.047	47	Valve Closed
7/15/2015	70	30.05S			-1.1	-1.3	82	0	0.1	20.7	79.2	42	0	42	Valve Closed
8/4/2015	75	28.89S			-14	-1.1	99	0.2	0	20.1	79.7	34	0.068	34	Valve Closed
9/16/2015	80	28.75F			-11.3	-1.1	86	0.1	0	20.3	79.6	38	0.038	38	Valve Closed
10/15/2015	54	28.90R			-10.2	-0.1	67	0.1	0.1	21.2	78.6				Valve Closed
11/6/2015	42	29.99R			-11.7	-1.3	55	0.1	0.1	21.2	78.6	11	0.011	13	Valve Closed
12/21/2015	36	28.70S			-10.5	0	32	0.1	0.1	21.7	78.1	3	0.003	2	Valve Closed
1/7/2016	32	29.98F			-10.2	0.5	33	13.4	20.3	3.4	62.9	15	2.01	15	Valve Closed
2/1/2016	26	28.87R			-10.5	0.2	37	0.1	0.1	20.8	79	15	0.015	15	Valve Closed
3/17/2016	40	28.69S			-10.8	-0.3	47	0	0	21.8	78.2				Valve Closed
4/4/2016	33	29.23R			-15.2	-0.7	50	0	0	21	79	34	0	34	Valve Closed
5/12/2016	46	28.89S			-15.6	-0.7	62	0	0	20.9	79.1	37	0	37	Valve Closed
6/15/2016	70	28.65	727.71	F	-2.8	7.4	81	0	0	20.3	79.7	14	0	14	Valve Closed
7/21/2016	86	28.89	733.81	F	-10.3	-0.2	95	0	0	20.2	79.8	25	0	25	Valve Closed
8/9/2016	82	28.83	732.28	S	-7.9	0	90	20.9	17.6	2.7	58.8	26	5.434	26	Valve Closed
9/20/2016	73	29.03	737.36	R	-9	0.9	81	8.4	15.7	2.3	73.6	12	1.008	11	Valve Closed
11/9/2016	58	29.2	741.68	F	-7.1	-1.8	58	3.1	4.8	9.2	82.9	23	0.713	26	Valve Open
12/1/2016	33	28.79	731.27	R	-1.2	-1.1	49	7.4	22.2	2	68.4				Valve Open
1/3/2017	15	28.94	735.08	R	-1.6	-1.6	38	8.9	22.8	1	67.3				Valve Open
2/13/2017	44	28.82	732.03	F	0.2	0.1	23	13.6	22.3	0	64.1				Valve Open
3/28/2017	38	29.01	736.85	S	-0.7	-0.7	43	6.1	22.3	0.5	71.1	39	2.379		Valve Closed
4/11/2017	34	30.25	768.35	S	-0.6	-0.6	46	4.2	21.4	1.3	73.1				Valve Closed
5/8/2017	60	28.85	732.79	F	0	0	60	6.5	20.8	0.5	72.2	7	0.455	10	Valve Closed
6/5/2017	77	30	762	S	-0.6	-0.6	178	13.9	19.6	1	65.5	21	2.919	24	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 3 (DNR # 703)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
7/21/2017	75	29.91	759.71	F	-10.6	-5.3	55	4.7	12.5	7.4	75.4	15	0.705	14	Valve Closed
8/15/2017	65	30.01	762.25	S	-10.4	-3.8	58	1.3	4.3	16.1	78.3	22	0.286	23	Valve Closed
9/6/2017	60	30.14	765.56	S	-10.1	-1	58	3.7	10.6	9.9	75.8				Valve Open
10/9/2017	48	28.95	735.33	S	1.3	1.3	65	0	0	20.6	79.4				Valve Closed
11/2/2017	36	29.88	758.95	R	-4.7	-4.7	55	0	0	21.3	78.7	20	0	24	Valve Open
12/1/2017	40	30.03	762.762	F	-0.3	-0.2	46	10.7	16.3	5	68	22	2.354	23	Valve Open
*1/8/2018	26	29.97	761.238	R	0	0	32	0	0	21.1	78.9	15	0	17	Valve Open
2/15/2018	32	28.7	728.98	R	-4.5	-0.7	39	0	0	21.9	78.1				Valve Closed
3/14/2018	25	28.89	733.806	s	0	0	38	25.7	24	0.1	50.2				Valve Open
4/12/2018	38	29.73	755.142	S	-2.4	-0.4	38	0.7	0.8	21	77.5				Valve Closed
5/10/2018	48	30.07	763.778	S	-2.2	-2.4	61	0	0	21.1	78.9				Valve Closed
6/19/2018	59	28.98	736.092	S	-8.5	0	61	0	0	20.7	79.3				Valve Closed
7/10/2018	84	29.17	740.918	S	-2.9	-0.3	73	0	0	20.4	79.6				Valve Closed
8/14/2018	67	29.98	761.492	S	-3.8	0	93	0	0	19.7	80.3				Valve Closed
*9/24/2018	60	29.95	760.73	S	0.2	0.2	74	24.4	21.5	0.2	53.9	8	1.952	2	Valve Open
*10/15/2018	34	30.2	767.08	S	-6.3	-1.6	56	0.1	0	21.1	78.8	43	0.043	32	Valve Closed
11/13/2018	10	30.5	774.7	S	-5.6	-0.2	57	0.1	0	22	77.9	31	0.031	31	Valve Closed
12/28/2018	22	28.86	733.044	S	-12.7	-0.9	22	0.1	0	22.4	77.5	23	0.023	23	Valve Closed
*1/7/2019	37	29.51	749.554	S	-6.3	-0.7	38	25.8	24	2.4	47.8	26	6.708	26	Valve Open
2/13/2019	13	29.98	761.492	S	-12.3	-0.6	41	0	0.1	21.6	78.3				Valve Closed
3/20/2019	35	29.89	759.206	S	-5.8	0	38	30.5	24	0.1	45.4	9	2.745		Valve Open
4/8/2019	60	29.74	755.396	F	-0.2	-0.1	52	13.9	14.6	7.6	63.9	29	4.031	27	Valve Open
5/14/2019	61	29.95	760.73	S	-0.6	-0.6	72	6	10.9	9.5	73.6	54	3.24	56	Valve Open
6/18/2019	70	29.99	761.746	S	-4.6	-1.3	61	0.1	0	21	78.9	54	0.054	54	Valve Closed
7/24/2019	71	30.2	767.08	F	-2	-0.3	94	11.8	13.7	5.5	69	55	6.49	57	Valve Open
8/14/2019	70	30.08	764.032	S	-14.2	-10.4	54	0.1	0	20.7	79.2	39	0.039	47	Valve Closed
9/20/2019	67	30.08	764.032	S	-4.6	-0.3	79	31.7	23.1	0.3	44.9	54	17.118	47	Valve Open
10/18/2019	52	29.79	756.666	S	-8.5	-5.7	54	0.1	0	20.4	79.5	25	0.025	44	Valve Closed
11/22/2019	25	29.33	744.982	S	-6.4	-0.8	-	0.1	0	21.4	78.5	43	0.043	43	Valve Open
12/4/2019	31	28.87	733.298	R											Water in sampling ports Valve Open
1/7/2020	23	30	762	R	-0.8	-0.5	-	0.1	0	20.6	79.3	36	0.036	36	Valve Closed
2/25/2020	45	29.42	747.268	R	0.1	0	-	0	0.1	22.1	77.8	0	0	0	Valve Closed
3/17/2020	40	30.27	768.858	R	0.2	-0.1	47	0	0.1	22.3	77.6	0	0	0	Valve Closed
4/21/2020	40	30.02	762.508	R	-1.2	-0.3	45	0	0	21.2	78.8	0	0	0	Valve Closed
5/29/2020	77	29.91	759.714	F	-1.7	-0.5	-	0	0	21.3	78.7	0	0	0	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 3 (DNR # 703)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
6/5/2020	70	31.15	791.21	S	-5.4	-0.3	-	0.1	0	20.1	79.8	16	0.016	16	Valve Closed
7/28/2020	72	29.92	759.968	S	-3.1	0.1	85	13.7	14.4	3.1	68.8	13	1.781	0	Valve Open
8/11/2020	73	30.01	762.254	S	-9.9	-3.9	58	0.1	0	20.1	79.8	0	0	67	Valve Closed
9/29/2020	54	29	736.6	S	-6.9	0	70	12.1	13.4	2.7	71.8	26	3.146	44	Valve Opened
10/6/2020	56	29.84	757.936	F	-0.7	-5.8	56	0.1	0	20.8	79.1	0	0	0	Valve Closed
11/5/2020	35	29.05	737.87	S	-2.1	0	68	0.1	0	21	78.9	0	0	0	Valve Closed
12/10/2020	40	29.94	760.476	S	-8.5	0	46	0.1	0.1	21.6	78.2	0	0	0	Valve Closed
1/18/2021	21	29.9	759.46	R	-9	-0.1	27	0.1	0.1	21.6	78.2	0	0	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-9.4	-0.1	25	0	0.2	22	77.8	0	0	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-8.5	-0.1	49	0.1	0.2	22	77.7	0	0	0	Valve Closed
4/13/2021	35	28.94	735.08	R	-11	-0.2	35	0.1	0.2	21.3	78.4	0	0	0	Valve Closed
5/19/2021	65	30.01	762.25	R	-10.9	-0.1	69	0	0	20.4	79.6	0	0	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	0.1	96	6.6	6.1	12.6	74.7	17	1.122	17	Valve Closed
9/13/2021	67	29.97	761.238	R	-8.5	-0.6	74	4.4	6.5	12	77.1	0	0	0	Valved Opened
12/2/2021	41	29.89	759.206	R	-1.5	7.924	46	0	0	21.1	78.9	189	0	192	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW-4 (DNR # 704)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-19.10	0.00	38.00	35.80	29.10	0.00	35.10	ND			
3/27/2012	68	28.54 R			-15.50	0.80	42.00	24.00	27.30	0.00	47.80				
6/25/2012	77	28.98S			0.00	0.00	66.00	13.00	22.70	2.20	62.10	ND			Valve Closed
9/10/2012	69	28.89F			-4.9	0.1	80	30.6	28.4	0.4	40.6	0			Valve Closed
11/13/2012	36	30.15F						1.5	3.9	15	79.6				Blower Off
11/27/2012	25	30.20F						14.2	15.7	2.1	68				Blower Off
12/19/2012	28	29.99S						0.1	0	21.1	78.8				Blower Off
1/2/2013	14	29.95S						44	31.3	0.4	24.3				Blower Off
1/15/2013	22	29.00S						15.9	17.3	2	64.8				Blower Off
2/8/2013	16	30.36S						1.6	5	15.2	78.2				Blower Off
3/28/2013	32	30.34S						21	17.4	6.4	55.2				Blower Off
6/18/2013	65	28.93S			-5.8	-0.1	74	0	0	19.8	80.2				Valve Open
9/11/2013	82	28.86S			-3.1	0	89	34.5	20.9	7.7	36.9	18	6.21	18	Valve Closed
12/18/2013	26	28.62F			-0.1	0.2	31	51.3	34	0.1	14.6				Valve Closed
3/11/2014	37	28.69R			-13.2	-0.7	40	0	0.2	22.3	77.5	24	0	23	Valve Closed
6/16/2014	82	28.77S			-6.3	-0.1	94	42.2	22.4	3.4	32	37	15.614	37	Valve Closed
9/19/2014	64	28.75F			0.3	0.2	66	6.1	7	13.9	73				Valve Closed
12/18/2014	22	29.16S			-11.7	-0.1	30	22.5	17.3	10	50.2				Valve Closed
3/20/2015	40	28.88S			-12.4	-0.1	41	22	14.2	12	51.8	22	4.84	22	Valve Closed
6/16/2015	70	29.08S			-12	-5.9	61	0	0	21.2	78.8	89	0	91	Valve Open
9/16/2015	80	28.75F			-11.2	-1.4	81	0.2	1	18.7	80.1	46	0.092	46	Valve Closed
12/21/2015	36	28.70S			-11.5	-0.5	32	0.1	1	20.5	78.4				Valve Closed
3/17/2016	40	28.69S			-10.7	-0.4	45	0.3	2.2	20	77.5				Valve Closed
6/15/2016	70	28.64	727.46	F	-2.8	7.3	80	36	22.4	4.3	37.3	14	5.04	14	Valve Closed
9/20/2016	73	29.03	737.36	R	-9	0.9	97	61.3	34.8	0.5	3.4	11	6.743	11	Valve Closed
12/1/2016	33	28.76	730.50	R	-9.5	-1.7	58	7.8	24.1	0.4	67.7	28	2.184	29	Valve Open
3/28/2017	38	28.99	736.35	S	-11.9	-2	60	5.7	18.6	3.6	72.1	34	1.938	35	Valve Open
6/5/2017	77	30	762	S	-11.9	-0.8	61	0.7	1.8	18.6	78.9	22	0.154	22	Valve Closed
9/6/2017	60	30.14	765.56	S	-9.6	1	61	0	0	20.5	79.5				Valve Closed
12/19/2017	35	28.8	731.52	R	-11.3	-0.4	35	0.1	0.1	21.2	78.6				Valve Closed
3/14/2018	25	28.89	733.806	s	-11.7	0	35	1.3	4.3	17.4	77				Valve Closed
*6/19/2018	59	28.98	736.092	S	-11.8	0	63	38.2	21.3	7.8	32.7				Valve Open
*9/24/2018	60	29.95	760.73	S	0.2	0.3	73	55.7	33.1	0.2	11				Valve Open
12/28/2018	22	28.86	733.044	S	-12.5	-5.3	67	0.1	0	22.4	77.5	72	0.072	21	Valve Closed
3/20/2019	35	29.89	759.206	S	-7.8	-0.1	39	34.8	30	0.1	35.1	23	8.004	83	Valve Open

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW-4 (DNR # 704)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
6/18/2019	70	29.99	761.746	S	-14.2	-5.7	72	0.1	0	20.8	79.1	87	0.087	233	Valve Closed
9/20/2019	67	30.08	764.032	S	-6.4	-0.4	75	43.9	31.4	0.2	24.5	53	23.267	63	Valve Open
12/4/2019	31	28.87	733.298	R	-11.3	-4.3	-	0.1	0	20.4	79.5	69	0.069	39	Valve Closed
3/17/2020	40	30.27	768.858	R	0	0	39	53	33.3	1.5	12.2	0	0	0	Valve Open, Broke
6/5/2020	70	31.15	791.21	S	-5.3	-4	-	0.1	0	19.9	80	84	0.084	80	Valve Broken
9/29/2020	54	29	736.6	S	-5.9	-4.2	70	0.1	0	21.2	78.7	56	0.056	64	Valve Broken
12/10/2020	40	29.94	760.476	S	-8.8	-4.1	70	0.1	0.1	21.6	78.2	46	0.046	0	Valve Broken
3/19/2021	57	30.5	774.7	R	-5.7	-0.2	57	0	0	21.2	78.8	0	0	0	Valve Broken
6/16/2021	80	30.03	762.762	R	-7	-4.7	74	0	0	20.1	79.9	25	0	107	Valve Broken
9/13/2021	67	29.97	761.238	R	-6.5	-4.5	75	0	0	20.5	79.5	16	0	32	Valve Broken
12/2/2021	41	29.89	759.206	R	-5.6	1.741	75	0	0	20.9	79.1	85	0	86	Valve Broken

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 5 (DNR # 705)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-19.00	0.00	40.00	33.50	23.90	0.00	42.60				lateral flange broken
2/17/2012	40	29.97 S			-18	0	42	25.7	26.3	0	48	0	0	0	lateral flange broken
3/27/2012	68	28.54 R													lateral flange broken
4/18/2012	60	28.75S			0	0	64	0	0	20.9	79.1	0	0	0	lateral flange broken
5/29/2012	60	28.67S			0	-0.2	66	0	0	21.2	78.8	1	0		lateral flange broken
6/25/2012	77	28.98S			0	0	79	0.1	0	20.6	79.3	5	0.005		lateral flange broken
7/18/2012	74	28.76S			0	-0.3	76	0	0	20.4	79.6	0			lateral flange broken
8/7/2012	85	28.86S			0	-0.1	90	0.3	0	20.1	79.6	0			lateral flange broken
9/10/2012	69	28.89F			0	0.2	88	24	23.4	0.4	52.2	0			lateral flange broken
10/1/2012	62	28.77S			0	-0.2	66	0	0	20.3	79.7	0			lateral flange broken
10/22/2012	60	28.76R						6.1	4.7	18.1	71.1				Blower Off
10/31/2012	40	30.00F						42.1	28.5	0.2	29.2				Blower Off
11/13/2012	36	30.15F						2.8	11.1	5.7	80.4				Blower Off
12/19/2012	28	29.99S						0	0	21.4	78.6				Blower Off
1/15/2013	22	29.00S						14.5	21.1	0.3	64.1				Blower Off
2/12/2013	26	29.90F						6.3	14.6	4.1	75				Blower Off
3/28/2013	32	30.34S						0	0	20.6	79.4				Blower Off
4/29/2013	55	28.60F						9	16.5	3	71.5				Blower Off
5/13/2013	50	28.81S						33.1	24.3	0	42.6				Blower Off
6/18/2013	65	28.93S			-6.1	-0.1	68	0.1	0	19.9	80				Valve Open
7/17/2013	90	29.09S			-9.9	-0.1	96	17.5	18.2	4.7	59.6				Valve Closed
8/13/2013	70	29.02S			-2	0	85	28.5	21.8	2.2	47.5	25	7.125	24	Valve Open
9/11/2013	82	28.86S			-0.5	-0.4	69	29.3	26.2	0.3	44.2	35	10.255	21	Valve wide open
10/8/2013	64	28.73F			0	0	61	29.7	28.2	0.1	42	35	10.395	36	Valve wide open
11/19/2013	26	29.01F			0.2	0.2	34	25.9	23.6	2.2	48.3	18	4.662	18	Valve wide open
12/18/2013	26	28.62F			0.3	0.3	25	43.1	30	0.1	26.8				Valve wide open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 5 (DNR # 705)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/15/2014	3	28.92F			0.1	0	0	28.2	28.6	0.5	42.7				Valve wide open
2/18/2014	33	28.42S			-0.4	-0.4	34	1.6	1.8	19.7	76.9				Valve wide open
3/11/2014	37	28.69R			-0.6	-0.6	37	9.2	12.2	9.8	68.8	22	2.024	22	Valve wide open
4/22/2014	45	28.96S			-0.5	-0.4	54	18.1	23	0.4	58.5	29	5.249	44	Valve wide open
5/14/2014	46	29.10S			-0.5	-0.5	53	21.3	24.1	0.6	54	22	4.686	22	Valve wide open
6/16/2014	82	28.77S			0	0	94	29.5	20.5	2.7	47.3	38	11.21	38	Valve wide open
7/15/2014	61	29.94F			-0.2	-0.2	70	20.9	14.1	9.4	55.6	30	6.27	30	Valve wide open
8/5/2014	67	29.07S			-2.7	-2.1	60	22.8	22.8	0.5	53.9	54	12.312	54	Valve wide open
9/19/2014	64	28.75F			0.3	0.4	66	19.5	22.8	0	57.7	22	4.29	22	Valve wide open
10/9/2014	55	30.19S			-0.6	-0.4	62	18.9	23	0.4	57.7	13	2.457	23	Valve wide open
11/25/2014	22	28.91R			-0.1	-0.1	26	1.1	2.1	20.1	76.7				Valve wide open
12/18/2014	22	29.16S			0.2	0.2	23	27.1	24.5	0.5	47.9	14	3.794	11	Valve wide open
1/19/2015	29	28.79F			0.2	0.2	31	32.8	25	0.5	41.7	53	17.384	54	Valve wide open
3/20/2015	40	28.88S			0	0	42	21.7	14.5	9.2	54.6	21	4.557	21	Valve wide open
4/7/2015	37	29.03S			0.1	0.1	42	28.3	19.8	4.6	47.3	29	8.207	28	Valve wide open
5/5/2015	67	29.06S			-0.8	-0.5	57	28.5	24.8	0	46.7	42	11.97	51	Valve wide open
6/16/2015	70	29.08S			-1.2	-1.2	86	0.1	0.1	20.9	78.9	47	0.047	47	Valve wide open
7/15/2015	70	30.05S			-1.9	-1.9	79	0	0.1	20.4	79.5	43	0	43	Valve wide open
8/4/2015	75	28.89S			-1.9	-1.8	94	0.2	0.1	19.6	80.1	49	0.098	49	Valve wide open
9/16/2015	80	28.75F			-1.7	-1.7	79	3.4	11.5	8.6	76.5	47	1.598	47	Valve wide open
10/15/2015	54	28.90R			-0.8	-0.7	60	0.6	3.7	17.6	78.1	10	0.06	10	Valve wide open
11/6/2015	42	29.99R			-1.8	-1.8	58	2.9	19.6	1.9	75.6	31	0.899	32	Valve wide open
12/21/2015	36	28.70S			0	0	31	5.4	15	7.1	72.5				Valve wide open
1/7/2016	32	29.98F			0.4	0.6	32	10.7	21.7	0.8	66.8	16	1.712	16	Valve wide open
2/1/2016	26	28.87R			0.2	0.2	38	1.1	4.4	17.2	77.3	16	0.176	15	Valve wide open
3/17/2016	40	28.69S			-0.3	-0.3	43	1.3	2.5	19.6	76.6				Valve wide open
4/4/2016	33	29.23R			-0.7	-0.8	47	0.9	2.2	19.6	77.3	51	0.459	51	Valve wide open
5/12/2016	46	28.89S			-0.7	-0.7	60	6.7	6.4	15.4	71.5	56	3.752	56	Valve wide open
6/15/2016	70	28.66	727.96	F	7.5	7.5	80	26	20.2	3.5	50.3	15	3.9	15	Valve wide open
7/21/2016	86	28.91	734.31	F	-0.1	-0.1	100	9.1	6.6	14.3	70	26	2.366	26	Valve wide open
8/9/2016	82	28.87	733.30	S	-0.1	0.1	95	32.1	21.9	1.8	44.2	27	8.667	27	Valve wide open
9/20/2016	73	29.04	737.62	R	0.9	0.9	90	38.5	22.5	2	37	12	4.62	11	Valve wide open
11/9/2016	58	29.19	741.43	F	0.3	0.3	59	26.4	25	0.1	48.5	16	4.224	17	Valve wide open
12/1/2016	33	28.77	730.76	R	-0.7	-0.7	37	6.1	21.3	3.1	69.5				Valve Open
1/3/2017	15	28.97	735.84	R	0	0	-	3.1	5	18.1	73.8				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 5 (DNR # 705)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
2/13/2017	44	28.84	732.54	F	0.5	0.5	40	22.5	24	0	53.5				Valve Open
3/28/2017	38	28.99	736.35	S	-0.3	-0.3	63	1.7	2.8	18.5	77				Valve Closed
4/11/2017	34	30.25	768.35	S	-0.3	-0.3	50	0.1	0.2	20.6	79.1				Valve Closed
5/8/2017	60	28.85	732.79	F	0.2	0.2	74	21.1	23.7	0.3	54.9	11	2.321	11	Valve Open
6/5/2017	77	30	762	S	-0.1	-0.1	78	2.4	2.7	17.7	77.2	24	0.576	24	Valve Open
7/21/2017	75	29.91	759.71	F	-0.3	-0.3	73	0	0	20.1	79.9		0		Valve Closed
8/15/2017	65	30.01	762.25	S	-0.2	-0.1	75	0	0	19.9	80.1	9	0	8	Valve Closed
9/6/2017	60	30.14	765.56	S	1.3	1.3	70	15.9	13.4	9.9	60.8				Valve Open
10/9/2017	48	28.95	735.33	S	1.3	1.2	57	0.1	0	20.6	79.3				Valve Closed
11/2/2017	36	29.88	758.95	R	-0.5	-0.5	40	0.2	0.2	21.2	78.4				Valve Open
12/1/2017	40	30.03	762.762	F	0	0	41	1	2.1	19.9	77	20	0.2	20	Valve Open
*1/8/2018	26	29.97	761.238	R	0	0	33	19	16.4	9	55.6	5	0.95	6	Valve Open
2/15/2018	32	28.7	728.98	R	-0.4	-0.3	40	26.7	19.6	6.6	47.1				Valve Open
3/14/2018	25	28.89	733.806	s	0.1	0.1	31	39	29.1	0.1	31.8				Valve Open
4/12/2018	38	29.73	755.142	S	-0.2	-0.2	39	13.3	7.4	15.3	64				Valve Open
5/10/2018	48	30.07	763.778	S	-0.2	-0.2	61	22.1	13.4	11	53.5				Valve Open
*6/19/2018	59	28.98	736.092	S	-0.1	-0.1	63	42	24.3	4.8	28.9				Valve Open
7/10/2018	84	29.17	740.918	S	-0.2	-0.2	71	0	0	20.4	79.6				Valve Closed
8/14/2018	67	29.98	761.492	S	0	0	91	21.9	15.1	11	52				Valve Open
*9/24/2018	60	29.95	760.73	S	0.3	0.3	73	55.1	33.2	0.2	11.5				Valve Open
*10/15/2018	34	30.2	767.08	S	-0.2	-0.3	41	46.3	27.7	4.4	21.6	14	6.482	14	Valve Open
11/13/2018	10	30.5	774.7	S	-0.1	-0.1	57	24.5	19.5	11	45	16	3.92	16	Valve Open
12/28/2018	22	28.86	733.04	S											Valve Open
															Well Frozen
*1/7/2019	37	29.51	749.55	S	-0.8	-0.7	39	48.1	32.8	1	18.1				Valve Open
															Valves Frozen
2/13/2019	13	29.98	761.49	S											Valve Open
3/20/2019	35	29.89	759.21	S	0.00	0.00	39.00	57.90	33.10	0.20	8.80				Valve Open
4/8/2019	60	29.74	755.40	F	0.30	0.20	65.00	50.40	31.70	0.40	17.50				Valve Open
5/14/2019	61	29.95	760.73	S	-0.30	-0.30	78.00	4.30	2.80	18.50	74.40	54.00	2.32	54.00	Valve Closed
6/18/2019	70	29.99	761.75	S	-0.40	-0.40	80.00	9.10	5.70	16.00	69.20	54.00	4.91	54.00	Valve Open
7/24/2019	71	30.2	767.08	F	-0.30	-0.30	93.00	36.30	26.60	1.50	35.60	64.00	23.23	64.00	Valve Open
8/14/2019	70	30.08	764.03	S	-0.70	-0.70	82.00	5.20	3.60	18.50	72.70	52.00	2.70	52.00	Valve Open
9/20/2019	67	30.08	764.03	S	-0.30	-0.30	85.00	46.30	32.40	0.30	21.00	50.00	23.15	49.00	Valve Open
10/18/2019	52	29.79	756.67	S	-0.50	-0.20	58.00	48.40	34.20	0.50	16.90	56.00	27.10	56.00	Valve Open
11/22/2019	25	29.33	744.98	S	-0.60	-0.60	-	18.60	22.60	5.30	53.50	45.00	8.37	45.00	Valve Open
12/4/2019	31	28.87	733.30	R	-0.90	-0.80	-	2.50	2.50	19.10	75.90	46.00	1.15	46.00	Valve Closed
1/7/2020	23	30	762.00	R	-0.80	-0.70	-	0.90	0.70	20.60	77.80	50.00	0.45	50.00	Valve Closed
2/25/2020	45	29.42	747.27	R	0.00	0.00	-	40.00	26.20	4.20	29.60	0.00	0.00	0.00	Valve Open
3/17/2020	40	30.27	768.86	R	0.10	-0.10	39.00	25.00	14.10	12.20	48.70	0.00	0.00	0.00	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 5 (DNR # 705)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
4/21/2020	40	30.02	762.51	R	-0.30	-0.20	42.00	0.60	0.50	21.10	77.80	0.00	0.00	0.00	Valve Closed
5/29/2020	77	29.91	759.71	F	-0.03	-0.30	-	0.00	0.00	21.40	78.60	0.00	0.00	0.00	Valve Closed
6/5/2020	70	31.15	791.21	S	-0.30	-0.20	-	1.50	0.90	19.60	78.00	14.00	0.21	15.00	Valve Closed, Broke
7/28/2020	72	29.92	759.968	S	0.20	0.20	95.00	48.80	30.30	0.20	20.70	0.00	0.00	0.00	Valve Broken
8/11/2020	73	30.01	762.254	S	-0.10	0.00	93.00	0.60	0.30	19.80	79.30	31.00	0.19	94.00	Valve Broken
9/29/2020	54	29	736.6	S	0.00	0.00	68.00	48.00	33.70	0.30	18.00	28.00	13.44	28.00	Valve Broken
10/6/2020	56	29.84	757.936	F	0.20	0.20	76.00	52.50	34.20	0.20	13.10	0.00	0.00	0.00	Valve Broken
11/5/2020	35	29.05	737.87	S	0.00	0.00	68.00	0.10	0.00	21.10	78.80	31.00	0.03	31.00	Valve Broken
12/10/2020	40	29.94	760.476	S	0.00	0.00	46.00	31.00	21.30	9.00	38.70	6.00	1.86	7.00	Valve Broken
1/18/2021	21	29.9	759.46	R	-0.10	-0.10	27.00	1.50	1.10	21.40	76.00	14.00	0.21	15.00	Valve Broken
2/2/2021	20	30.32	770.128	F	-0.10	0.00	25.00	39.80	31.70	2.00	26.50	0.00	0.00	0.00	Valve Broken
3/19/2021	57	30.5	774.7	R	-0.10	0.00	59.00	0.20	0.40	20.30	79.10	0.00	0.00	0.00	Valve Broken
4/13/2021	35	28.94	735.08	R	-0.20	-0.10	38.00	0.00	0.10	21.90	78.00	0.00	0.00	0.00	Valve Broken
5/19/2021	65	30.01	762.25	R	0.00	0.00	69.00	0.50	0.30	20.10	79.10	0.00	0.00	0.00	Valve Broken
6/16/2021	80	30.03	762.762	R	-10.50	0.10	82.00	35.10	25.40	3.30	36.20	0.00	0.00	0.00	Valve Broken
9/13/2021	67	29.97	761.238	R	-0.5	-0.5	72	47	30.7	0.5	21.8	5	2.35	6	Valve Broken
12/2/2021	41	29.89	759.206	R	-0.2	-0.048	45	18.4	12.4	13.9	55.3	0	0	0	Valve Broken

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 6 (DNR # 706)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-14.50	0.30	58.00	33.20	26.80	0.00	40.00	3	0.996		
2/17/2012	40	29.97 S			-15	0.1	58	28.1	25.1	0	46.8	0	0	0	
3/27/2012	68	28.54 R			-11.00	0.80	55.00	33.60	34.00	0.00	35.40				
4/18/2012	60	28.75S			-7	-0.3	50	21.7	25.3	0.4	52.6	0	0	0	Valve Open
5/29/2012	60	28.68S			-6.7	-0.4	52	0.9	1.2	20.9	77				Valve Open
6/25/2012	77	28.98S			-3.2	0	65	28.9	26.5	1.1	43.5	0			Valve Open
7/18/2012	74	28.76S			-7	-0.4	60	25.2	23.8	4.1	46.9	5	1.26		Valve Open
8/7/2012	85	28.86S			-7.4	-0.1	66	32.5	28.9	0.4	38.2	8	2.6	9	Valve Open
9/10/2012	69	28.89F			-3.8	0	68	36.8	31.2	0.3	31.7	0			Valve Open
10/1/2012	62	28.77S			-7.4	-7.2	59	26.9	30.3	0.4	42.4	3	0.807		Valve Open
10/22/2012	60	28.76R						43.2	32.2	3.2	21.4				Blower Off
10/31/2012	40	30.00F						57.7	38.8	0.2	3.3				Blower Off
11/13/2012	36	30.15F						5.5	6.1	15.2	73.2				Blower Off
12/19/2012	28	29.99S						0	0.1	21.4	78.5				Blower Off
1/2/2013	14	29.95S						50.2	35.5	0.7	13.6				Blower Off
1/15/2013	22	29.00S						24.2	20.9	4.1	50.8				Blower Off
2/12/2013	26	29.90F						11.6	13.9	9.4	65.1				Blower Off
3/28/2013	32	30.34S						41.9	30.7	1.7	25.7				Blower Off
4/29/2013	55	28.60F						29.9	23.5	5.8	40.8				Blower Off
5/13/2013	50	28.81S						60.4	39.4	0	0.2				Blower Off
6/18/2013	65	28.93S			-4.1	-0.2	59	27.2	22.6	5.4	44.8	2	0.544	4	Valve Open
7/17/2013	90	29.09S			-9.2	-0.2	64	31.9	29.4	0	38.7	3	0.957	3	Valve Open
8/13/2013	70	29.02S			-0.9	0	75	37.6	31.1	0	31.3	25	9.4	26	Valve Open
9/11/2013	82	28.86S			-0.2	-0.1	92	18.3	10.6	12.7	58.4	22	4.026	22	Valve Closed
10/8/2013	64	28.73F			-1.7	0	63	60.5	39.2	0.1	0.2				Valve Closed
11/19/2013	26	29.01F			-1.4	0.2	39	61.1	38.7	0	0.2	19	11.609	19	Valve Closed
12/18/2013	26	28.62F			0	0.3	27	57.4	42.3	0.1	0.2				Valve Closed
1/15/2014	3	28.92F			-9.2	0.1	0	57.9	41.8	0.1	0.2	23	13.317	23	Valve Closed
2/18/2014	33	28.42S			-0.6	-0.5	45	27.2	30.1	0.1	42.6	21	5.712		Valve Closed
3/11/2014	37	28.69R			-0.7	-0.7	41	15.9	21.9	6.7	55.5			21	Valve Closed
4/22/2014	45	28.96S			-0.4	-0.3	48	42.7	33.6	0	23.7	32	13.664	37	Valve Closed
5/14/2014	46	29.10S			-0.4	-0.4	57	37.6	28	4.8	29.6	24	9.024	24	Valve Closed
6/16/2014	82	28.77S			0	0	91	56.3	33.8	1.8	8.1	40	22.52	40	Valve Open
7/15/2014	61	29.94F			-0.2	-0.2	68	0.2	0.4	21.3	78.1	30	0.06	30	Valve Open
8/5/2014	67	29.07S			-0.8	-0.8	82	9.1	6.4	17.2	67.3	32	2.912	32	Valve Open
9/19/2014	64	28.75F			0.3	0.3	68	30.7	20.8	7.4	41.1				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 6 (DNR # 706)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
10/9/2014	55	30.19S			-0.2	-0.2	64	11.3	7.5	17.2	64	9	1.017	9	Valve Open
11/25/2014	22	28.91R			-0.1	-0.1	30	32.2	25.9	7.8	34.1				Valve Open
12/18/2014	22	29.16S			0.2	0.2	24	59.1	40.7	0	0.2				Valve Open
1/19/2015	29	28.79F			0.2	0.2	31	58.6	41.2	0	0.2	41	24.026	39	Valve Open
3/20/2015	40	28.88S			0	0	42	44.8	27.9	6.2	21.1	22	9.856	22	Valve Open
4/7/2015	37	29.03S			0.1	0.1	44	59.3	40.2	0.4	0.1	28	16.604	29	Valve Open
5/5/2015	67	29.06S			2	-0.1	77	0.2	0	21.9	77.9	25	0.05	24	Valve Open
6/16/2015	70	29.08S			-1.2	-1.2	86	0.1	0.2	21.1	78.6	47	0.047	47	Valve Open
7/15/2015	70	30.05S			-4.7	-4.1	56	9.9	19.9	3.1	67.1	54	5.346	58	Valve Open
8/4/2015	75	28.89S			-4.4	-3.9	57	8.5	16.8	4.1	70.6	57	4.845	65	Valve Open
9/16/2015	80	28.75F			-2.9	-2.8	60	8.7	18.4	3.1	69.8	52	4.524	56	Valve Open
10/15/2015	54	28.90R			-2.1	-1.9	60	8.2	19.5	3	69.3	36	2.952	33	Valve Open
11/6/2015	42	29.99R			-2.2	-2.3	59	8.7	21.2	2	68.1	46	4.002	41	Valve Open
12/21/2015	36	28.70S			-0.1	0	46	18.9	26.3	1.3	53.5	30	5.67	31	Valve Open
1/7/2016	32	29.98F			0.4	0.4	42	28.3	28	0.1	43.6	44	12.452	43	Valve Open
2/1/2016	26	28.87R			0.2	0.2	39	30.5	28.9	0.1	40.5	7	2.135	16	Valve Open
3/17/2016	40	28.69S			-0.3	-0.3	45	7.9	5.9	18.6	67.6				Valve Open
4/4/2016	33	29.23R			-1	-0.7	44	1.2	2.3	20.2	76.3	34	0.408	34	Valve Open
5/12/2016	46	28.89S			-0.7	-0.7	60	60.7	38.9	0.2	0.2	40	24.28	40	Valve Open
6/15/2016	70	28.66	727.96	F	7.5	7.5	77	60.7	39.1	0.1	0.1	15	9.105	15	Valve Open
7/21/2016	86	28.92	734.57	F	0	0	91	55.3	36.6	1.1	7	27	14.931	27	Valve Open
8/9/2016	82	28.86	733.04	S	-0.1	0.1	89	60.8	38.9	0.1	0.2	29	17.632	29	Valve Open
9/20/2016	73	29.03	737.36	R	0.9	0.9	80	60.7	39	0.2	0.1	12	7.284	12	Valve Open
11/9/2016	58	29.17	740.92	F	-0.1	-0.2	56	28.9	29.6	2.5	39	11	3.179		Valve Open
12/1/2016	33	28.8	731.52	R	-1.1	-0.9	53	15.1	27.1	0.5	57.3	25	3.775		Valve Open
1/3/2017	15	28.92	734.57	R	0.5	0.5	-	40.2	30.3	4.4	25.1				Valve Open
2/13/2017	44	28.84	732.54	F	0.5	0.6	58	58.9	40.3	0	0.8				Valve Open
3/28/2017	38	29.02	737.11	S	-0.2	0	73	0.1	0.1	20.3	79.5			5	Valve Closed
4/11/2017	34	30.25	768.35	S	-0.2	-0.2	49	0.5	1.1	20.4	78				Valve Closed
5/8/2017	60	28.85	732.79	F	0.2	0.2	72	58.1	39	0.6	2.3	13	7.553	13	Valve Open
6/5/2017	77	30	762	S	-0.1	-0.1	78	0.1	0	19.9	80	24	0.024	24	Valve Closed
7/21/2017	75	29.91	759.71	F	-0.1	-5.4	73	0	0	20	80				Valve Closed
8/15/2017	65	30.01	762.25	S	0	-0.1	76	0	0	19.9	80.1	10	0	10	Valve Closed
9/6/2017	60	30.14	765.56	S	1.5	1.4	68	0	0	20.3	79.7				Valve Closed
10/9/2017	48	28.95	735.33	S	1.4	1.3	64	0.1	0	20.6	79.3				Valve Open
11/2/2017	36	29.88	758.95	R	0	-0.4	40	0.1	0.3	21.2	78.4				Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 6 (DNR # 706)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
12/1/2017	40	30.03	762.76	F	-0.2	0	42	53	37.2	3.2	6.6	21	11.13	21	Valve Open
*1/8/2018	26	29.97	761.238	R	0	0	32	55	38.8	1.4	4.8	4	2.2	5	Valve Open
2/15/2018	32	28.7	728.98	R	-0.2	-0.2	38	31	22.5	11.1	35.4				Valve Open
3/14/2018	25	28.89	733.806	s	0.1	0.1	35	58.1	41.6	0.1	0.2				Valve Open
4/12/2018	38	29.73	755.142	S	-0.2	-0.2	37	52.9	37	2.6	7.5				Valve Open
5/10/2018	48	30.07	763.778	S	-0.2	-0.1	61	53.5	36.7	2.7	7.1				Valve Open
*6/19/2018	59	28.98	736.092	S	-0.2	0	63	0.4	0.2	20.6	78.8				Valve Closed
7/10/2018	84	29.17	740.918	S	-0.2	0	70	0	0	20.4	79.6				Valve Closed
8/14/2018	67	29.98	761.492	S	0	0	87	37	26.4	7.3	29.3				Valve Open
*9/24/2018	60	29.95	760.73	S	0.2	0.2	73	48.9	32.6	0.3	18.2	6	2.934	5	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.1	-0.1	45	22.7	26	3.3	48				Valve Open
11/13/2018	10	30.5	774.7	S	0	0	25	37.4	28.3	10.2	24.1				Valve Open
12/28/2018	22	28.86	733.04	S	-1.1	-1	27	1.7	2	20.6	75.7	26	0.44	13	Valve Closed
*1/7/2019	37	29.51	749.55	S	-0.7	-0.7	38	55.7	43.9	0.2	0.2	43	23.95	42	Valve Open
2/13/2019	13	29.98	761.49	S	0	0	23	53.1	36.9	3.1	6.9	11	5.84	6	Valve Open
3/20/2019	35	29.89	759.21	S	0	0	39	57.6	42.1	0.1	0.2	9	5.18	10	Valve Open
4/8/2019	60	29.74	755.40	F	0	0.2	66	58.6	40.9	0.3	0.2	25	14.65	24	Valve Open
5/14/2019	61	29.95	760.73	S	0	-0.3	76	58.6	39.6	0.9	0.9	56	32.82	56	Valve Open
6/18/2019	70	29.99	761.75	S	0	-0.4	76	59.2	40.4	0.3	0.1	56	33.15	56	Valve Open
7/24/2019	71	30.2	767.08	F	0	-0.3	89	60.4	39.1	0.4	0.1	57	34.43	57	Valve Open
8/14/2019	70	30.08	764.03	S	-1	-0.6	75	39.2	31.9	4.6	24.3	53	20.78	53	Valve Open
9/20/2019	67	30.08	764.03	S	0	-0.2	85	59.5	40.1	0.2	0.2	55	32.73	55	Valve Open
10/18/2019	52	29.79	756.67	S	0	-0.2	59	58.7	40.9	0.3	0.1	50	29.35	50	Valve Open
11/22/2019	25	29.33	744.98	S	-1	-0.5	-	31	24.6	9	35.4	39	12.09	39	Valve Open
12/4/2019	31	28.87	733.30	R	-1	-0.7	-	11.3	8.3	17.1	63.3	47	5.31	47	Valve Open
1/7/2020	23	30	762.00	R	-1	-0.7	-	46.8	33.1	5.1	15	58	27.14	58	Valve Open
2/25/2020	45	29.42	747.27	R	0	0	-	58.8	39.8	0.7	0.7	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	41	19.7	14.7	14.9	50.7	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	0	-0.2	43	0.2	0.1	21.6	78.1	0	0.00	0	Valve Closed
5/29/2020	77	29.91	759.71	F	-1	-0.2	-	0	0	21.3	78.7	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	-1	-0.1	-	0.1	0	20.2	79.7	14	0.01	14	Valve Closed
7/28/2020	72	29.92	759.968	S	0	0.2	89	60.2	39.4	0.2	0.2	11	6.62	12	Valve Open
8/11/2020	73	30.01	762.254	S	0	0	94	0.8	0.6	19.6	79	18	0.14	98	Valve Closed
9/29/2020	54	29	736.6	S	0	0.1	70	59.1	40.7	0	0.2	28	16.55	29	Valve Opened
10/6/2020	56	29.84	757.936	F	0	0.2	76	59.4	40.2	0.3	0.1	15	8.91	16	Valve Open
11/5/2020	35	29.05	737.87	S	0	0	69	7.3	4.8	18.5	69.4	17	1.24	18	Valve Open

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 6 (DNR # 706)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
12/10/2020	40	29.94	760.476	S	0	0	43	57.8	41.9	0.2	0.1	0	0.00	0	Valve Open
1/18/2021	21	29.9	759.46	R	0	0	28	27.5	22.1	11.4	39	9	2.48	4	Valve Open
2/2/2021	20	30.32	770.128	F	0	0	27	58.6	40.4	0.9	0.1	0	0.00	0	Valve Open
3/19/2021	57	30.5	774.7	R	0	-6.5	54	52.5	40.1	0.8	6.6	0	0.00	59	Valve Open
4/13/2021	35	28.94	735.08	R	0	0	39	8.2	6.8	18.9	66.1	0	0.00	0	Valve Open
5/19/2021	65	30.01	762.25	R	0	0	69	4.4	2.9	18.8	73.9	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0	0.1	82	60	38.9	0.4	0.7	6	3.60	6	Valve Open
9/13/2021	67	29.97	761.238	R	-0.5	-0.5	75	59.7	40	0.2	0.1	9	5.37	9	Valve Open
12/2/2021	41	29.89	759.206	R	-0.2	0.114	51	0	0.1	21	78.9	26	0.00	22	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 7 (DNR # 707)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-19.10	0.20	52.00	37.90	30.80	0.00	31.30	2	0.758		
2/17/2012	40	29.97 S			-18	0.3	55	30.2	28.6	0	41.2	2	0.604	0	Valve Open
3/27/2012	68	28.54 R			-17.00	0.80	60.00	20.50	27.00	0.00	52.70	2	0.41		
4/18/2012	60	28.75S			-16.6	-0.1	50	21.7	25.3	0.4	52.6	2	0.434	0	Valve Open
5/29/2012	60	28.67S			-16.8	-0.2	58	26.7	28.7	1.3	43.3				Valve Open
6/25/2012	77	28.98S			-8.3	-0.2	22.6	27.6	1.6	1.6	47.9	0			Valve Open
7/18/2012	74	28.76S			-15.5	-0.5	68	20.6	27.7	1.9	49.8	0			Valve Open
8/7/2012	85	28.86S			-8.4	-0.3	76	20	27.7	1.6	50.7	9	1.8	6	Valve Open
9/10/2012	69	28.89F			-3.7	0	77	14	25.9	0.7	59.4	0			Valve Open
10/1/2012	62	28.77S			-7.2	-0.4	65	6.4	22.6	1.8	69.2	0			Valve Open
10/22/2012	60	28.76R						20.4	14.7	12.8	52.1				Blower Off
10/31/2012	40	30.00F						43.6	29.8	0.2	26.4				Blower Off
11/13/2012	36	30.15F						19.7	23.7	0.3	56.3				Blower Off
11/27/2012	25	30.20F						40.9	30.1	0.2	28.8				Blower Off
12/12/2012	24	29.90F						52.2	32.6	0.2	15				Blower Off
12/19/2012	28	29.99S						0	0	21.4	78.6				Blower Off
1/15/2013	22	29.00S						35.3	29.6	0.4	34.7				Blower Off
2/12/2013	26	29.90F						23.2	26	0.3	50.5				Blower Off
3/28/2013	32	30.34S						32.6	24.8	5.1	37.5				Blower Off
4/29/2013	55	28.60F						31.9	26.8	0	41.3				Blower Off
5/13/2013	50	28.81S						49.7	28.3	0	21.5				Blower Off
6/18/2013	65	28.93S			-5.1	-0.2	65	43.8	30.8	0.8	24.6	1	0.438	5	Valve Open
7/17/2013	90	29.09S			-8.1	-0.4	79	22	29.2	0.4	48.4	4	0.88	4	Valve Open
8/13/2013	70	29.02S			0.7	0	77	21.9	23.9	4.3	49.9	25	5.475	25	Valve Open
9/11/2013	82	28.86S			-0.5	0	88	0.1	0	19.6	80.3	23	0.023	23	Valve Closed
10/8/2013	64	28.73F			-1.6	-0.1	66	0.5	0.7	19.6	79.2				Valve Closed
11/19/2013	26	29.01F			-1.4	0	40	6.4	5.6	16	72	17	1.088	17	Valve Closed
12/18/2013	26	28.62F			0	0.4	30	52.6	32.8	0.1	14.5				Valve Closed
1/15/2014	3	28.92F			-10.1	-0.2	0	30.7	31.8	1.8	35.7	18	5.526	18	Valve Closed
2/18/2014	33	28.42S			-13.2	-0.4	59	1.2	1.2	20.3	77.3	27	0.324	26	Valve Closed
3/11/2014	37	28.69R			-13.1	-0.7	40	0	0.1	22.2	77.7	20	0	20	Valve Closed
4/22/2014	45	28.96S			-9.6	-0.8	58	0.3	0	21.6	78.1	30	0.09	30	Valve Closed
5/14/2014	46	29.10S			-5.4	-0.6	65	0.1	0.1	21	78.8	23	0.023	23	Valve Closed
6/16/2014	82	28.77S			-6.4	0	94	35.1	23.4	0.9	40.6	39	13.689	39	Valve Closed
7/15/2014	61	29.94F			-6.2	-0.3	68	10.3	6.5	16.5	66.7	31	3.193	31	Valve Closed
8/5/2014	67	29.07S			-4.6	-0.2	85	0.1	0	21.4	78.5	32	0.032	32	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 7 (DNR # 707)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/19/2014	64	28.75F			0.1	-0.8	66	17	25.8	0.3	56.9	46	7.82	49	Valve Open
10/9/2014	55	30.19S			-3.4	-1.5	69	13.4	23.8	1.3	61.5	47	6.298	66	Valve Open
11/25/2014	22	28.91R			-4.9	-2.7	80	11.4	22.9	2.5	63.2	75	8.55	56	Valve Open
12/18/2014	22	29.16S			0	0	28	12.4	11.1	13.9	62.6				Valve Open
1/19/2015	29	28.79F			0.1	0.1	31	46.9	32	0	21.1				Valve Open
3/20/2015	40	28.88S			-0.1	-0.1	44	0	0.5	22.4	77.1	20	0	20	Valve Open
4/7/2015	37	29.03S			0	0	40	0	0.1	22.6	77.3	26	0	26	Valve Open
5/5/2015	67	29.06S			-1.8	-0.6	87	11.7	20.6	1.5	66.2	33	3.861	34	Valve Open
6/16/2015	70	29.08S			-2.9	-2.3	89	7.8	19.1	2.5	70.6	51	3.978	57	Valve Open
7/15/2015	70	30.05S			-5.4	-3.6	80	10.1	22.7	0.6	66.6	73	7.373	77	Valve Open
8/4/2015	75	28.89S			-5.2	-3.7	80	9.5	21	1.2	68.3	70	6.65	71	Valve Open
9/16/2015	80	28.75F			-3.5	-2.6	81	9.4	22	0.9	67.7	62	5.828	57	Valve Open
10/15/2015	54	28.90R			-2.7	-1.9	78	9.2	23.1	1.1	66.6	36	3.312	48	Valve Open
11/6/2015	42	29.99R			-4	-3.3	79	8.8	23.2	1.3	66.7	58	5.104	52	Valve Open
12/21/2015	36	28.70S			-3.2	-2.1	72	8.2	23.8	0.8	67.2	54	4.428	47	Valve Open
1/7/2016	32	29.98F			-3	-2.1	71	8.2	22.7	0.7	68.4	54	4.428	61	Valve Open
2/1/2016	26	28.87R			-3.5	-1.8	71	7	21.8	1.2	70	63	4.41	18	Valve Open
3/17/2016	40	28.69S			-0.6	-0.6	44	0.1	0.3	21.4	78.2				Valve Open
4/4/2016	33	29.23R			-1	-0.9	40	0	0.1	21.4	78.5	34	0	34	Valve Open
5/12/2016	46	28.89S			-0.6	-1	60	59.2	38.1	0.6	2.1	40	23.68	40	Valve Open
6/15/2016	70	28.65	727.71	F	7.3	7.2	80	60.4	39	0.1	0.5	17	10.268	17	Valve Open
7/21/2016	86	28.91	734.31	F	-0.2	-0.2	93	0.1	0	20	79.9	26	0.026	27	Valve Open
8/9/2016	82	28.85	732.79	S	0	0	93	61	38.7	0.1	0.2	29	17.69	29	Valve Open
9/20/2016	73	29.05	737.87	R	0	0	92	60.5	39.2	0.2	0.1	25	15.125	25	Valve Open
11/9/2016	58	29.17	740.92	F	-1.7	0	70	25.9	28.5	3.4	42.2	16	4.144	18	Valve Open
12/1/2016	33	28.77	730.76	R	-4.2	-0.8	42	6.8	9.7	13.1	70.4				Valve Open
1/3/2017	15	28.92	734.57	R	0.2	0.2	-	0.2	0.1	20.4	79.3				Valve Open
2/13/2017	44	28.83	732.28	F	0.1	0.2	60	32.3	28.6	0	39.1				Valve Open
3/28/2017	38	29.01	736.85	S	-0.8	-0.8	64	0	0	20.5	79.5	7	0	7	Valve Closed
4/11/2017	34	30.25	768.35	S	-0.8	-0.8	45	0.3	1.5	20.2	78		0		Valve Closed
5/8/2017	60	28.85	732.79	F	0	0	71	0.1	0	20.8	79.1	13	0.013	13	Valve Closed
6/5/2017	77	30	762	S	-0.1	-0.1	76	1.6	12.2	18.3	67.9	15	0.24	15	Valve Closed
7/21/2017	75	29.91	759.71	F	-0.3	-0.3	74	0.5	1	19.6	78.9	4	0.02	4	Valve Closed
8/15/2017	65	30.01	762.25	S	-0.3	-0.3	81	0	1.4	19.3	79.3	12	0	0	Valve Closed
9/6/2017	60	30.14	765.56	S	1.1	1.1	71	0.1	2.3	19.4	78.2				Valve Closed
10/9/2017	48	28.95	735.33	S	1.4	1.4	61	0.3	2.1	19.9	77.7				Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 7 (DNR # 707)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
11/2/2017	36	29.88	758.95	R	-0.6	-0.6	41	1.5	15	16.5	67				Valve Open
12/1/2017	40	30.03	762.762	F	-0.2	-0.2	44	0.4	18.9	8.5	72.2	17	0.068	17	Valve Open
*1/8/2018	26	29.97	761.238	R	-0.1	-0.1	43	5.6	5.9	17.8	70.7	33	1.848	33	Valve Open
2/15/2018	32	28.7	728.98	R	-0.3	-0.4	42	43.5	29.6	5.1	21.8				Valve Open
3/14/2018	25	28.89	733.806	S	0	0	37	59.5	40.1	0.2	0.2				Valve Open
4/12/2018	38	29.73	755.142	S	-0.4	-0.4	46	50.5	36.3	3.5	9.7				Valve Open
5/10/2018	48	30.07	763.778	S	-0.2	-0.1	61	46.7	32.2	4	17.1				Valve Open
*6/19/2018	59	28.98	736.092	S	-0.1	-0.1	65	25.4	23.7	3.9	47				Valve Open
7/10/2018	84	29.17	740.918	S	-0.1	-0.1	74	0	0	20.4	79.6				Valve Open
8/14/2018	67	29.98	761.492	S	0	-4.5	89	21.3	22.5	1.6	54.6	4	0.852	3	Valve Open
*9/24/2018	60	29.95	760.73	S	0.2	0.2	77	41.4	31.5	0.2	26.9	8	3.312	7	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.3	-0.3	41	0.1	0.2	21.4	78.3				Valve Open
11/13/2018	10	30.5	774.7	S	0	-0.2	24	37.4	27.1	7.9	27.6	23	8.602	24	Valve Open
12/28/2018	22	28.86	733.04	S	-1.3	-1.3	22	0.1	0.1	22	77.8	20	0.02	20	Valve Open
*1/7/2019	37	29.51	749.55	S	-0.6	-0.6	39	43.3	31.4	1.7	23.6	27	11.69	27	Valve Open
2/13/2019	13	29.98	761.49	S	0	0	26	47.5	30.6	2.7	19.2	4	1.90	5	Valve Open
3/20/2019	35	29.89	759.21	S	-0.1	-0.1	38	60.5	33.8	1.4	4.3	10	6.05	9	Valve Open
4/8/2019	60	29.74	755.40	F	0.1	0.1	68	61.8	37.6	0.4	0.2	23	14.21	23	Valve Open
5/14/2019	61	29.95	760.73	S	-0.5	-0.6	75	0.1	0.1	20.6	79.2	53	0.05	53	Valve Open
6/18/2019	70	29.99	761.75	S	-0.5	-0.5	76	47.9	32.7	4	15.4	56	26.82	56	Valve Open
7/24/2019	71	30.2	767.08	F	-0.5	-0.5	92	0.2	0	19.6	80.2	54	0.11	54	Valve Open
8/14/2019	70	30.08	764.03	S	-0.9	-0.9	76	28.8	21.9	8.3	41	54	15.55	54	Valve Open
9/20/2019	67	30.08	764.03	S	-0.4	-0.4	84	9.1	5.2	15.6	70.1	53	4.82	53	Valve Open
10/18/2019	52	29.79	756.67	S	-0.3	-0.3	61	8.5	5.9	15.9	69.7	50	4.25	50	Valve Open
11/22/2019	25	29.33	744.98	S	-0.6	-0.7	-	0.1	0.1	21.5	78.3	48	0.05	44	Valve Closed
12/4/2019	31	28.87	733.30	R	-0.9	-0.8	-	0.1	0	20.6	79.3	48	0.05	48	Valve Closed
1/7/2020	23	30	762.00	R	-0.7	-0.7	-	0.1	0.1	21.8	78	50	0.05	50	Valve Closed
2/25/2020	45	29.42	747.27	R	0	0	-	0.4	0.4	21.8	77.4	0	0.00	0	Valve Closed
3/17/2020	40	30.27	768.86	R	0	0	42	0.1	0.2	22	77.7	0	0.00	0	Valve Closed
4/21/2020	40	30.02	762.51	R	-0.3	-0.3	41	0	0	21.9	78.1	0	0.00	0	Valve Closed
5/29/2020	77	29.91	759.71	F	-0.4	-0.5	-	0	0.1	21.4	78.5	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	-0.2	-0.2	-	0.1	0	20.5	79.4	16	0.02	16	Valve Closed
7/28/2020	72	29.92	759.968	S	0.1	0.1	92	55.6	32.1	0.2	12.1	8	4.45	8	Valve Open
8/11/2020	73	30.01	762.254	S	-0.3	-0.2	89	0.1	0	20.1	79.8	16	0.02	93	Valve Open
9/29/2020	54	29	736.6	S	0	0	76	43.8	30.1	1.9	24.2	29	12.70	29	Valve Opened
10/6/2020	56	29.84	757.936	F	0	0	79	49.2	33.7	0.4	16.7	14	6.89	14	Valve Open

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 7 (DNR # 707)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
11/5/2020	35	29.05	737.87	S	0	0	68	0.1	0.1	21.1	78.7	5	0.01	7	Valve Closed
12/10/2020	40	29.94	760.476	S	0	0	50	5.7	4	19.4	70.9	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	Frozen										Valve Open
2/2/2021	20	30.32	770.128	F	Frozen										Valve Open
3/19/2021	57	30.5	774.7	R	-0.4	-7.5	51	24.6	20.5	1.6	53.3	0	0.00	45	Valve Open
4/13/2021	35	28.94	735.08	R	-0.2	-0.2	40	0	0.1	21.6	78.3	0	0.00	0	Valve Closed
5/19/2021	65	30.01	762.25	R	-0.1	-0.1	68	1.5	1	19.6	77.9	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	0.1	96	25.6	17.5	6.8	50.1	18	4.61	19	Valve Open
9/13/2021	67	29.97	761.238	R	-0.6	-0.6	75	53.3	33	0.2	13.5	8	4.26	9	Valve Open
12/2/2021	41	29.89	759.206	R	-0.1	-0.048	49	0	0.1	21.1	78.8	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 8 (DNR # 708)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			17.90	0.40	60.00	33.50	24.70	0.30	41.50	5	1.675		
2/17/2012	40	29.97 S			-17.1	0.4	60	29.2	24.5	0.2	46.1	4	1.2		VALVE CLOSED
3/27/2012	68	28.54 R			2.50	1.50	59.20	28.80	28.90	1.00	41.80				
4/18/2012	60	28.75			-12.5	0	66	52.2	31.7	0.6	15.5	3	1.6		VALVE CLOSED
5/29/2012	60	28.66S			0	0	65	46.7	27.4	4.9	21				VALVE CLOSED
6/25/2012	77	28.98S			0	0	78	54.1	30.4	2.9	12.6	0			VALVE CLOSED
7/18/2012	74	28.76S			-9.6	0	71	53.6	31.9	2.6	11.9	9	4.8		Opened valve 3 turns
8/7/2012	85	28.86S			-7.8	-7.7	71	18.3	26	1.6	54.1	2	0.4	15	Valve Open
9/10/2012	69	28.89F			-3.4	-3.3	71	18.2	25.8	1.1	54.9	5	0.9		Valve Open
10/1/2012	62	28.77S			-6.5	-6.5	62	14.1	24.7	1.6	59.6	7	1.0		
10/22/2012	60	28.76R						45.5	34.4	0.3	19.8				Blower Off
10/31/2012	40	30.00F						47.3	32.1	0.3	20.3				Blower Off
11/13/2012	36	30.15F						7.8	18	2.5	71.7				Blower Off
12/19/2012	28	29.99S						0.5	0.7	21	77.8				Blower Off
1/15/2013	22	29.00S						38.4	30.3	2.1	29.2				Blower Off
2/12/2013	26	29.90F						23	19.5	5.9	51.6				Blower Off
3/28/2013	32	30.34S						59.7	34.4	1.3	4.8				Blower Off
4/29/2013	55	28.60F						27.2	11.8	8.7	52.3				Blower Off
5/13/2013	50	28.81S						63.2	35.6	0	1.2				Blower Off
6/18/2013	65	28.93S			-1.3	-1.2	62	39.5	29.7	2.1	28.7				Valve Open
7/17/2013	90	29.09S			-3.9	-3.8	70	21.5	23.1	3.4	52	13	2.8		Valve Open
8/13/2013	70	29.02S			-1.5	-1.6	71	21.2	19.3	6.6	52.9	32	6.8	24	Valve Open
9/11/2013	82	28.86S			-1.5	-1.5	76	5.8	4.8	16.1	73.3	17	1.0	26	Valve Open
10/8/2013	64	28.73F			-1.7	-1.7	61	14.4	14.2	10.1	61.3				Valve Open
11/19/2013	26	29.01F			-1.5	-1.5	47	0	0	21.1	78.9	10	0.0	9	Valve Open
12/18/2013	26	28.62F			-0.1	-0.1	33	43.9	33.6	0.1	22.4	28	12.292	26	Valve Open
1/15/2014	3	28.92F			-4.1	-4	44	0	0.2	22.5	77.3	29	0		Valve Open
2/18/2014	33	28.42S			-3.1	-3.5	37	0.1	0.1	21.3	78.5	44	0.044	85	Valve Open
3/11/2014	37	28.69R			-3.4	-3.4	43	0	0.1	21.7	78.2	11	0	34	Valve Open
4/22/2014	45	28.96S			-4.1	-4.3	52	0.3	0	21.9	77.8	35	0.105	30	Valve Open
5/14/2014	46	29.10S			-0.3	-0.4	56	10.9	9	14.7	65.4	26	2.834	26	Valve Open
6/16/2014	82	28.77S			0	0	91	60.2	30.7	0.4	8.7	41	24.682	41	Valve Open
7/15/2014	61	29.94F			-0.2	-0.2	68	58.3	30.9	1.8	9	33	19.239	33	Valve Open
8/5/2014	67	29.07S			-0.1	-0.1	85	61.3	31.3	1.4	6	36	22.068	36	Valve Open
9/19/2014	64	28.75F			0.1	0.1	69	41.8	30.3	0.4	27.5				Valve Open
10/9/2014	55	30.19S			-0.2	-0.1	57	28.3	15.3	12.8	43.6	10	2.83	2	Valve Open
11/25/2014	22	28.91R			-0.9	-0.8	32	0	0.1	22.8	77.1				Valve Open
12/18/2014	22	29.16S			0	0	29	54	35.7	0.4	9.9				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 8 (DNR # 708)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/19/2015	29	28.79F			0.2	0.1	31	45.3	33.1	0.1	21.5				Valve Open
3/20/2015	40	28.88S			0	0	42	55.9	33	0.7	10.4	21	11.739	21	Valve Open
4/7/2015	37	29.03S			0	0	41	63.8	34.9	0.2	1.1	26	16.588	26	Valve Open
5/5/2015	67	29.06S			0	0	77	51.5	28.6	2.2	17.7	26	13.39	27	Valve Open
6/16/2015	70	29.08S			-4.3	-4.7	63	0.2	0	21.3	78.5				Valve Open
7/15/2015	70	30.05S			-1.3	-1.3	86	0	0	19.7	80.3	45	0	45	Valve Open
8/4/2015	75	28.89S			-7.5	-6.9	68	15.6	23.3	1.1	60	56	8.736	45	Valve Open
9/16/2015	80	28.75F			-5.1	-5.6	71	14.2	22.4	1	62.4	52	7.384	60	Valve Open
10/15/2015	54	28.90R			-4.6	-4.2	59	14.3	24	1.1	60.6	37	5.291	6	Valve Open
11/6/2015	42	29.99R			-5.4	-5.3	55	13.7	24.3	1.1	60.9	22	3.014	32	Valve Open
12/21/2015	36	28.70S			-4.5	-3.7	47	13.1	23	2.7	61.2				Valve Open
1/7/2016	32	29.98F			-3.7	-3.6	45	12.2	21.3	3	63.5			8	Valve Open
2/1/2016	26	28.87R			-4.2	-4.1	44	15.6	23.9	1.7	58.8				Valve Open
3/17/2016	40	28.69S			-7.7	-1.7	42	22.5	23.5	3.6	50.4	25	5.625	26	Valve Open
4/4/2016	33	29.23R			-1.2	-1.2	41	14.2	19.6	2.8	63.4	37	5.254	36	Valve Open
5/12/2016	46	28.89S			-7.8	-2.4	54	26.2	25.9	0.9	47	40	10.48	40	Valve Open
6/15/2016	70	28.65	727.71	F	-1.1	-1.2	72	6.4	7.3	15.4	70.9	37	2.368	38	Valve Open
7/21/2016	86	28.89	733.81	F	-8.4	-0.4	100	33.6	26.4	0.8	39.2	29	9.744	29	Valve Open
8/9/2016	82	28.84	732.54	S	-1.6	-1.7	78	30	24.8	1.4	43.8	23	6.9	26	Valve Open
9/20/2016	73	29.05	737.87	R	-1.8	-2.1	74	34.7	25.1	1.3	38.9	23	7.981	27	Valve Open
11/9/2016	58	29.15	740.41	F	-3	-3.1	58	28.3	28.4	1.1	42.2	17	4.811	17	Valve Open
12/1/2016	33	28.78	731.01	R	-4.7	-4.5	51	21.6	28.3	1.8	48.3				Valve Open
1/3/2017	15	29.93	760.22	R	0.4	0.4	-	41.8	31.3	1.8	25.1				Valve Open
2/13/2017	44	28.8	731.52	F	0.3	0.3	58	61.5	34.6	0	3.9				Valve Open
3/28/2017	38	29	736.60	S	-1.7	-1.7	47	31.7	30.7	0.9	36.7			27	Valve Open
4/11/2017	34	30.25	768.35	S	-1.2	-1.5	46	26.2	30.2	1	42.6				Valve Open
5/8/2017	60	28.85	732.79	F	0.1	0.1	71	35.7	29.8	0.4	34.1	15	5.355	15	Valve Open
6/5/2017	77	30	762	S	-1.6	-1.4	70	31.7	25.9	0.9	41.5	17	5.389	20	Valve Open
7/21/2017	75	29.91	759.71	F	-1.2	-3.8	70	33	29.9	0.7	36.4	10	3.3	9	Valve Open
8/15/2017	65	30.01	762.25	S	-1.3	-5.2	67	30.6	28	0.8	40.6	23	7.038	24	Valve Open
9/6/2017	60	30.14	765.56	S	0	-3.2	63	29.3	29.1	0.8	40.8				Valve Open
10/9/2017	48	28.95	735.33	S	1.4	1.4	59	33.3	26	4	36.7				Valve Open
11/2/2017	36	29.88	758.95	R	3.7	3.7	40	6.9	4.9	17.9	70.3				Valve Open
12/1/2017	40	30.03	762.76	F	-1.5	-1.5	48	26	30.2	1.5	42.3				Valve Open
*1/8/2018	26	29.97	761.238	R	-0.1	-0.1	38	37.8	27	6	29.2	94	35.532	91	Valve Open
2/15/2018	32	28.7	728.98	R	0	0	39	25.3	16.6	10.9	47.2				Valve Open
3/14/2018	25	28.89	733.806	s	0.1	0.1	49	62.4	35.4	0.1	2.1				Valve Open
4/12/2018	38	29.73	755.142	S	0	0	45	49.4	28.7	4.6	17.3				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 8 (DNR # 708)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
5/10/2018	48	30.07	763.778	S	0	-4.7	61	40.5	24.6	6.3	28.6				Valve Open
*6/19/2018	59	28.98	736.092	S	0	0	64	58.6	34	0.1	7.3				Valve Open
7/10/2018	84	29.17	740.918	S	0	0	78	48.3	29	3.9	18.8				Valve Open
8/14/2018	67	29.98	761.492	S	0.1	-2.2	93	62.8	34.2	0.7	2.3	7	4.396	7	Valve Open
*9/24/2018	60	29.95	760.73	S	0.5	-1.9	78	57.1	27.2	0.3	15.4	16	9.136	17	Valve Open
*10/15/2018	34	30.2	767.08	S	0	0	42	44.8	27.6	2	25.6				Valve Open
11/20/2018	19	30.1	764.54	F	0.2	0.2	30	63.1	36.5	0.3	0.1	6	3.786	6	Valve Open
12/28/2018	22	28.86	733.04	S	-0.9	-0.9	22	13.3	8.7	17	61	21	2.79	19	Valve Open
*1/7/2019	37	29.51	749.55	S	-0.6	-0.6	39	44.8	29.3	1.2	24.7	27	12.10	27	Valve Open
2/13/2019	13	29.98	761.49	S	0	0	22	46.7	33.5	0.4	19.4				Valve Open
3/20/2019	35	29.89	759.21	S	-0.1	-0.1	40	53.2	31.3	0.1	15.4	21	11.17	9	Valve Open
4/8/2019	60	29.74	755.40	F	0.2	0.2	67	66.5	32.4	0.3	0.8	26	17.29	26	Valve Open
5/14/2019	61	29.95	760.73	S	-0.4	-0.4	77	0.6	0.5	19.5	79.4	53	0.32	53	Valve Closed
6/18/2019	70	29.99	761.75	S	-1.7	-0.8	77	28.6	15.3	11.2	44.9	56	16.02	55	Valve Open
7/24/2019	71	30.2	767.08	F	-1.8	-1.8	84	18	15.8	5.8	60.4	54	9.72	54	Valve Open
8/14/2019	70	30.08	764.03	S	-4.3	-4.2	69	16.9	12.6	12.1	58.4	53	8.96	52	Valve Open
9/20/2019	67	30.08	764.03	S	-0.7	-2.1	79	1.8	7.1	10	81.1	54	0.97	53	Valve Closed
10/18/2019	52	29.79	756.67	S	-2.2	-1.2	61	0.2	0.6	19.9	79.3	49	0.10	49	Valve Closed
11/22/2019	25	29.33	744.98	S	-5	-3.1	-	0.1	0.1	21.6	78.2	52	0.05	46	Valve Closed
12/4/2019	31	28.87	733.30	R	-0.5	-0.5	-	0.1	0.2	20.5	79.2	46	0.05	46	Valve Closed
1/7/2020	23	30	762.00	R	-0.7	-0.6	-	5.1	4.7	18.3	71.9	48	2.45	48	Valve Closed
2/25/2020	45	29.42	747.27	R	0	0	-	36.8	26.3	3.9	33	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	41	34.1	22.3	5.3	38.3	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	0	-0.1	44	0.1	0.4	21.9	77.6	0	0.00	0	Valve Closed
5/29/2020	77	29.91	759.71	F	-0.1	-0.1	-	27	16.8	11.3	44.9	0	0.00	0	Valve Open
6/5/2020	70	31.15	791.21	S	0	0	-	23.4	15.2	12.1	49.3	9	2.11	10	Valve Open
7/28/2020	72	29.92	759.968	S	-0.5	-0.3	88	0.5	4.8	12.5	82.2	11	0.06	12	Valve Closed
8/11/2020	73	30.01	762.254	S	-0.4	-0.1	91	0.1	0	20.3	79.6	23	0.02	91	Valve Closed
9/29/2020	54	29	736.6	S	-0.3	-0.2	67	0.2	0.5	20.3	79	28	0.06	28	Valve Closed
10/6/2020	56	29.84	757.936	F	0	0	74	0.2	0.2	20.5	79.1	16	0.03	16	Valve Closed
11/5/2020	35	29.05	737.87	S	0	0	71	0.1	0	21.3	78.6	0	0.00	0	Valve Closed
12/10/2020	40	29.94	760.476	S	-2	-0.9	54	0.7	0.5	21	77.8	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	-1.1	-0.8	30	0.1	0.1	22.7	77.1	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-0.7	-0.5	23	0	0.2	22.4	77.4	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-0.5	-0.1	46	0.1	0.4	20.7	78.6	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	0	37	30.2	18	7.3	44.5	0	0.00	0	Valve Open
5/19/2021	65	30.01	762.25	R	0	0	73	54.9	29.7	0.5	14.9	0	0.00	0	Valve Open
6/16/2021	80	30.03	762.762	R	0.1	0.1	88	53.1	30	0.3	16.6	11	5.84	11	Valve Open

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 8 (DNR # 708)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/13/2021	67	29.97	761.238	R	-0.5	-0.5	73	60	32.7	0	7.3	5	3	5	Valve Open
12/2/2021	41	29.89	759.206	R	0	-0.057	49	1.3	1.1	20.3	77.3	0	0	0	Valve Open

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 9 (DNR # 709)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-16.50	6.00	45.00	37.30	19.20	4.60	38.90	7	2.611		
2/17/2012	40	29.97 S			-16.1	5.8	43	34.2	21.1	4.1	40.6	8	2.736		
3/27/2012	68	28.54 R			-15.00	2.20	68.00	68.40	28.50	0.00	3.70	6	4.104		
4/18/2012	60	28.75			-11.2	0	59	52.7	29.6	0.5	17.2	7	3.689		Valve Open
5/29/2012	60	28.66S			-10.1	-6	61	52.8	29.3	0.5	17.4	18	9.504		Valve Open
6/25/2012	77	28.98S			0	-3.6	77	37.8	18.4	8.3	35.5	0	0		Valve Closed
7/18/2012	74	28.76S			-5.1	-4.7	71	36.4	17.7	8.2	37.7	16	5.824		Valve Open
8/7/2012	85	28.86S			-8.2	-3	91	4.5	2.3	18.8	74.4	0	0	5	Valve Open
9/10/2012	69	28.89F			-3.3	-1.1	82	10.3	4.6	17.5	67.6	4	0.412		Valve Open
10/1/2012	62	28.77S			-6.2	-2	67	4.7	3.2	19.3	72.8	3	0.141		
10/22/2012	60	28.76R						50.4	34.3	3	12.3				Blower Off
10/31/2012	40	30.00F						44.3	30	0.3	25.4				Blower Off
11/13/2012	36	30.15F						16.3	16.1	6.8	60.8				Blower Off
12/19/2012	28	29.99S						58.3	27.9	3.4	10.4				Blower Off
1/2/2013	14	29.95S						61.6	31.9	0.3	6.2				Blower Off
1/15/2013	22	29.00S						39.8	30.7	0.3	29.2				Blower Off
2/8/2013	16	30.36S						50.6	32.9	3.7	12.8				Blower Off
2/12/2013	26	29.90F						18.3	18.6	2.4	60.7				Blower Off
3/28/2013	32	30.34S						45.9	24.4	4	25.7				Blower Off
4/29/2013	55	28.60F						69.7	28.9	1.3	0.1				Blower Off
5/13/2013	50	28.81S						69.4	30.5	0	0.1				Blower Off
6/18/2013	65	28.93S			-2.9	-2.8	74	11.8	4.8	17	66.4	15	1.77	16	Valve Open
7/17/2013	90	29.09S			-4.6	-4.6	89	12.1	4.9	16.3	66.7				Valve Open
8/13/2013	70	29.02S			-3	-2.7	81	10.6	4.4	17.2	67.8	22	2.332	15	Valve Open
9/11/2013	82	28.86S			-2.3	-2.1	90	9.3	4.1	17.4	69.2	25	2.325	27	Valve Open
10/8/2013	64	28.73F			-1.7	-1.7	65	10.7	4.9	17.1	67.3				Valve Open
11/19/2013	26	29.01F			-1.6	-1.7	37	10.3	4.9	18.1	66.7	13	1.339	14	Valve Open
12/18/2013	26	28.62F			-0.1	-0.1	40	48.6	32.2	0.1	19.1	20	9.72	19	Valve Open
1/15/2014	3	28.92F			-5	-4.4	25	11.6	6.9	18.5	63	47	5.452	20	Valve Open
2/18/2014	33	28.42S			-6	-5.8	42	10.6	5.6	17.8	66	48	5.088	36	Valve Open
3/11/2014	37	28.69R			-5	-5.1	40	11.9	6.8	18.5	62.8	39	4.641	33	Valve Open
4/22/2014	45	28.96S			-6.5	-6.6	50	9.1	4	19.5	67.4	35	3.185	29	Valve Open
5/14/2014	46	29.10S			-0.2	-0.2	64	70.5	29.2	0.1	0.2	28	19.74	28	Valve Open
6/16/2014	82	28.77S			-0.1	-0.1	90	72	27.5	0.4	0.1	43	30.96	43	Valve Open
7/15/2014	61	29.94F			-0.2	-0.2	69	71.1	28.8	0	0.1	35	24.885	35	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 9 (DNR # 709)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
8/5/2014	67	29.07S			-0.1	-0.1	88	71.6	28.2	0	0.2	37	26.492	37	Valve Open
9/19/2014	64	28.75F			0	0	68	70.7	29.2	0	0.1				Valve Open
10/9/2014	55	30.19S			0	0	67	72.3	26.8	0.8	0.1	13	9.399	13	Valve Open
11/25/2014	22	28.91R			0	0	31	67.7	28.5	1.6	2.2	55	37.235	55	Valve Open
12/18/2014	22	29.16S			0.2	0.3	24	69.4	30.4	0	0.2				Valve Open
1/19/2015	29	28.79F			0.1	0.1	31	68.8	31	0	0.2	38	26.144	38	Valve Open
3/20/2015	40	28.88S			0	0	44	69.1	30.8	0	0.1	22	15.202	22	Valve Open
4/7/2015	37	29.03S			0	0	40	69.5	30.4	0	0.1				Valve Open
5/5/2015	67	29.06S			-3.9	-3.6	68	27.4	12	13.3	47.3	27	7.398		Valve Open
6/16/2015	70	29.08S			-1.1	-1.1	79	49.9	19.3	5.6	25.2	53	26.447	53	Valve Open
7/15/2015	70	30.05S			-1.1	-1.1	79	64.3	26.1	2.1	7.5	51	32.793	51	Valve Open
8/4/2015	75	28.89S			-0.4	-0.4	93	72.2	27.5	0.1	0.2	57	41.154	56	Valve Open
9/16/2015	80	28.75F			-0.5	-0.4	88	71.3	28.4	0.1	0.2	54	38.502	54	Valve Open
10/15/2015	54	28.90R			0.2	0.3	63	70	29.6	0.3	0.1	14	9.8	15	Valve Open
11/6/2015	42	29.99R			-1	-0.7	52	69.2	27.9	2.5	0.4	30	20.76	30	Valve Open
12/21/2016	36	28.70S			-0.9	1	32	68.1	31.6	0.1	0.2				Valve Open
1/7/2016	32	29.98F			-0.7	0.6	33	69.3	30.5	0	0.2	6	4.158	2	Valve Open
2/1/2016	26	28.87R			0.5	0.5	45	69	30.3	0.5	0.2	16	11.04	16	Valve Open
3/17/2016	40	28.69S			-7.7	-8.4	40	26.8	14.4	13.4	45.4				Valve Open
4/4/2016	33	29.23R			-7.7	-7.8	41	31.9	17.1	9.4	41.6	43	13.717	37	Valve Open
5/12/2016	46	28.89S			-7.8	-8.1	56	30.5	16.3	10.5	42.7	39	11.895	39	Valve Open
6/15/2016	70	28.64	727.46	F	-0.6	-0.2	73	32.9	16.8	8.8	41.5	3	0.987	3	Valve Open
7/21/2016	86	28.89	733.81	F	-7.3	-7.2	91	38.6	18.7	7.4	35.3	30	11.58	30	Valve Open
8/9/2016	82	28.84	732.54	S	-7.3	-7.9	87	38.4	19.1	7.4	35.1	25	9.6	25	Valve Open
9/20/2016	73	29.07	738.38	R	-6.5	-7.3	78	32	14	10.8	43.2	24	7.68	30	Valve Open
11/9/2016	58	29.14	740.16	F	0.3	0.2	64	70.5	29.4	0	0.1	18	12.69	18	Valve Open
12/1/2016	33	28.77	730.76	R	0.1	0	36	67.8	31.9	0.1	0.2				Valve Open
1/16/2017	23	28.96	735.58	R	-18.1	0.01	-	70.1	28.9	0.8	0.2				Valve Open
2/13/2017	44	28.8	731.52	F	0.1	0	52	70.5	29.4	0	0.1				Valve Open
3/28/2017	38	28.99	736.35	S	-7.7	-7.7	66	33.5	14.9	9.9	41.7	23	7.705	17	Valve Open
4/11/2017	34	30.25	768.35	S	-7.4	-7.8	46	25.8	14	11.6	48.6	14	3.612		Valve Open
5/8/2017	60	28.85	732.79	F	0	0	74	70.9	28.8	0.2	0.1	17	12.053	18	Valve Open
6/5/2017	77	30	762.00	S	-7.5	-7.4	73	31.7	24.7	1.1	42.5	17	5.389	20	Valve Open
7/21/2017	75	29.91	759.71	F	-7.3	-7.2	73	29.6	14.5	10.8	45.1	18	5.328	8	Valve Open
8/15/2017	65	30.01	762.25	S	-6.9	-7.2	77	37.4	17.7	8.5	36.4	26	9.724	25	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 9 (DNR # 709)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/6/2017	60	30.14	765.56	S	-5.9	-7.7	72	33.4	16.7	9.6	40.3				Valve Open
10/9/2017	48	28.95	735.33	S	1.4	1.4	-	68.9	30.8	0.2	0.1				Valve Open
11/2/2017	36	29.88	758.95	R	-2.7	-3.4	39	49.7	26.2	5	19.1				Valve Open
12/1/2017	40	30.03	762.762	F	-3.1	-3.1	44	61.9	30	2.1	6	2	1.238	17	Valve Open
*1/8/2018	26	29.97	761.238	R	0.1	0	35	67.5	32.1	0.3	0.1				Valve Open
2/15/2018	32	28.7	728.98	R	0	0	38	68.4	31.2	0.2	0.2				Valve Open
3/14/2018	25	28.89	733.806	s	0	0	50	69.9	29.8	0.1	0.2				Valve Open
4/12/2018	38	29.73	755.142	S	0	0	44	68.1	31.1	0.6	0.2				Valve Open
5/10/2018	48	30.07	763.778	S	0.1	0	62	70.3	29.4	0.2	0.1				Valve Open
*6/19/2018	59	28.98	736.092	S	0.2	0	62	70.5	29.3	0.1	0.1				Valve Open
7/10/2018	84	29.17	740.918	S	0	0	79	70.4	27.9	0.9	0.8				Valve Open
8/14/2018	67	29.98	761.49	S	0.1	-3.8	84	71.6	27.9	0.4	0.1				Valve Open
*9/24/2018	60	29.95	760.73	S	0.4	-1.2	79	70.9	28.6	0.3	0.2	15	10.635	15	Valve Open
*10/15/2018	34	30.2	767.08	S	0.2	0.1	49	69.4	30.3	0.2	0.1				Valve Open
11/20/2018	19	30.1	764.54	F	0.1	0.1	28	69.3	30.3	0.2	0.2				Valve Open
12/28/2018	22	28.86	733.04	S	-0.8	-0.9	22	66.6	32.7	0.6	0.1	46	30.64	37	Valve Open
*1/7/2019	37	29.51	749.55	S	-0.8	-4.9	38	67.6	31.6	0.6	0.2	28	18.93	28	Valve Open
2/13/2019	13	29.98	761.49	S											Valve Open
3/20/2019	35	29.89	759.21	S	0.0	0.0	38	69.90	29.8	0.2	0.1	9	6.29	8	Valve Open
4/8/2019	60	29.74	755.40	F	0.0	0.2	66	71.10	28.5	0.2	0.2	27	19.20	27	Valve Open
5/14/2019	61	29.95	760.73	S	-0.2	-0.3	77	71.70	28.0	0.2	0.1	58	41.59	58	Valve Open
6/18/2019	70	29.99	761.75	S	-7.3	-9.7	75	0.30	0.0	20.6	79.1	55	0.17	54	Valve Closed
7/24/2019	71	30.2	767.08	F	-9.2	-10.3	92	14.90	5.9	15.4	63.8	53	7.90	53	Valve Open
8/14/2019	70	30.08	764.03	S	-10.6	-11.1	75	8.70	3.7	17.8	69.8	57	4.96	52	Valve Open
9/20/2019	67	30.08	764.03	S	-7.8	-7.8	77	18.70	7.3	15.1	58.9	54	10.10	52	Valve Open
10/18/2019	52	29.79	756.67	S	-3.2	-7.8	55	2.50	1.3	19.8	76.4	49	1.23	49	Valve Closed
11/22/2019	25	29.33	744.98	S	-4.4	-4.6	-	0.10	0.1	21.4	78.4	46	0.05	46	Valve Closed
12/4/2019	31	28.87	733.30	R	-0.5	-0.5	-	69.30	30.4	0.2	0.1	50	34.65	50	Valve Open
1/7/2020	23	30	762.00	R	-0.5	-0.5	-	1.00	0.6	21.6	76.8	49	0.49	47	Valve Closed
2/25/2020	45	29.42	747.27	R	0.0	0.0	-	70.10	29.6	0.2	0.1	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0.0	0.0	44	70.40	29.3	0.1	0.2	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	0.0	0.0	44	70.50	29.1	0.2	0.2	0	0.00	0	Valve Open
5/29/2020	77	29.91	759.71	F	0.1	0.1	-	71.00	28.7	0.2	0.1	0	0.00	0	Valve Open
6/5/2020	70	31.15	791.21	S	0.1	0.1	-	71.90	27.6	0.3	0.2	0	0.00	0	Valve Open
7/28/2020	72	29.92	759.968	S	-4.8	-6.4	90	0.20	0.0	20.6	79.2	22	0.04	23	Valve Closed

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 9 (DNR # 709)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
8/11/2020	73	30.01	762.254	S	-4.8	-4.6	92	1.20	0.3	20.3	78.2	30	0.36	94	Valve Closed
9/29/2020	54	29	736.6	S	-2.9	-2.8	69	0.10	0.0	21.0	78.9	28	0.03	28	Valve Closed
10/6/2020	56	29.84	757.936	F	-4.9	-1.5	77	23.90	9.3	13.8	53.0	18	4.30	17	Valve Open
11/5/2020	35	29.05	737.87	S	-3.0	-5.6	69	0.10	0.0	21.0	78.9	5	0.01	1	Valve Closed
12/10/2020	40	29.94	760.476	S	-5.9	-2.3	52	13.30	5.7	18.1	62.9	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	-3.8	-5.6	30	0.10	0.1	21.8	78.0	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-3.9	-3.6	23	0.00	0.1	22.5	77.4	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-4.0	-2.3	54	0.00	0.0	21.3	78.7	0	0.00	109	Valve Closed
4/13/2021	35	28.94	735.08	R	0.0	0.0	37	70.40	29.3	0.1	0.2	0	0.00	0	Valve Open
5/19/2021	65	30.01	762.25	R	0.1	0.0	72	71.60	28.0	0.3	0.1	0	0.00	0	Valve Open
6/16/2021	80	30.03	762.762	R	0.2	0.2	87	73.20	26.6	0.1	0.1	25	18.30	25	Valve Open
9/13/2021	67	29.97	761.238	R	-0.6	-1.3	76	72	27.6	0.3	0.1	10	7.20	12	Valve Open
12/2/2021	41	29.89	759.206	R	0	-0.059	51	70.1	29.5	0.2	0.2	0	0.00	0	Valve Open

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 10 (DNR # 710)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			15.50	0.00	48.00	42.20	26.50	0.90	30.40	1	0.422		
2/17/2012	40	29.97 S			-15.2	0.1	46	32.1	25.9	1	41	2	0.642		
3/27/2012	68	28.54 R			-13.50	0.60	58.00	29.70	24.60	2.70	43.00				
4/18/2012	60	28.75			-10.3	0.1	58	32.5	25.7	1.6	40.2	5	1.625		Valve Open
5/29/2012	60	28.65S			-7.5	-0.3	61	36.9	25.5	1.8	35.8	4	1.476		Valve Open
6/25/2012	77	28.98S			0	0	77	0.1	0	21.1	78.8	0	0		Valve Closed
7/18/2012	74	28.76S			-3.5	-0.7	70	0	0	20.6	79.4	3	0		Valve Open
8/7/2012	85	28.86S			-6.2	-0.4	88	5	3.5	17.9	73.6	1	0.05	2	Valve Open
9/10/2012	69	28.89F			-2	-1.2	69	23.3	23.4	1.4	51.9	11	2.563		Valve Open
10/1/2012	62	28.77S			-4.2	-2.5	64	17.9	23.2	1.4	57.5	18	3.222		
10/22/2012	60	28.76R						52.2	37.4	1.5	8.9				Blower Off
10/31/2012	40	30.00F						42.5	26.8	0.2	30.5				Blower Off
11/13/2012	36	30.15F						4.8	9.7	8.9	76.6				Blower Off
12/19/2012	28	29.99S						0	0	20.9	79.1				Blower Off
1/15/2013	22	29.00S						37.2	26.2	0.4	36.2				Blower Off
2/12/2013	26	29.90F						20.7	18.6	3.2	57.5				Blower Off
3/28/2013	32	30.34S						59.4	30.3	0.4	9.9				Blower Off
4/29/2013	55	28.60F						46.5	26.6	0	26.9				Blower Off
5/13/2013	50	28.81S						61.4	29.3	0	9.3				Blower Off
6/18/2013	65	28.93S			0	0	80	27.5	22.7	0.3	49.5				Valve Open
7/17/2013	90	29.09S			-2	-1.3	75	36.6	25.5	1.2	36.7	14	5.124	18	Valve Open
8/13/2013	70	29.02S			-0.3	-0.2	72	36.9	25.4	2.2	35.5	16	5.904	26	Valve Open
9/11/2013	82	28.86S			-1	-0.6	74	34.4	26.5	1.4	37.7	29	9.976	34	Valve Open
10/8/2013	64	28.73F			-1.3	-0.8	64	27.6	26.9	0.9	44.6	7	1.932	10	Valve Open
11/19/2013	26	29.01F			-1.2	-0.7	56	27.5	26.2	1.2	45.1	5	1.375	9	Valve Open
12/18/2013	26	28.62F			0.2	0.5	32	45.4	29.3	0.1	25.2				Valve Open
1/15/2014	3	28.92F			-2	-1	51	27.6	28.2	1	43.2	18	4.968	4	Valve Open
2/18/2014	33	28.42S			-2.9	-1.6	56	26.9	25.1	1.5	46.5	17	4.573	32	Valve Open
3/11/2014	37	28.69R			-2.6	-1.7	51	18.3	23.4	1.4	56.9	24	4.392	26	Valve Open
4/22/2014	45	28.96S			-3.2	-2	55	22.8	22	1.1	54.1	31	7.068	34	Valve Open
5/14/2014	46	29.10S			-0.4	-0.4	56	0.1	0.1	21.6	78.2	24	0.024	24	Valve Open
6/16/2014	82	28.77S			0	0	90	25.9	19	0.1	55	39	10.101	39	Valve Open
7/15/2014	61	29.94F			-0.2	-0.2	74	22.4	14.7	8	54.9	32	7.168	31	Valve Open
8/5/2014	67	29.07S			-0.1	-0.1	87	21.1	18.6	2.4	57.9	35	7.385	33	Valve Open
9/19/2014	64	28.75F			0	0	66	53.2	25.9	0	20.9	4	2.128		Valve Open
10/9/2014	55	30.19S			-0.2	-0.2	66	0.1	0.1	21.8	78	11	0.011	11	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 10 (DNR # 710)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
11/25/2014	22	28.91R			-0.3	-0.3	23	0	0.1	22.9	77	44	0	43	Valve Open
12/18/2014	22	29.16S			0	0	29	35.6	23.7	2.7	38				Valve Open
1/19/2015	29	28.79F			0.1	0.1	32	47.2	26.3	0.1	26.4				Valve Open
3/20/2015	40	28.88S			0	0	45	0	0.1	22.3	77.6	19	0	19	Valve Open
4/7/2015	37	29.03S			0	0	41	0	0.1	22.8	77.1				Valve Open
5/5/2015	67	29.06S			-0.8	-0.8	64	27.4	19.6	4.2	48.8	36	9.864	27	Valve Open
6/16/2015	70	29.08S			-1.6	-1.6	81	0.2	0	21	78.8	48	0.096	48	Valve Open
7/15/2015	70	30.05S			-1.6	-1.6	85	0	0	20	80	47	0	47	Valve Open
8/4/2015	75	28.89S			-1.7	-1.7	92	0.4	0	20.5	79.1	51	0.204	51	Valve Open
9/16/2015	80	28.75F			-1.5	-1.5	88	0.2	0	20.2	79.6	47	0.094	47	Valve Open
10/15/2015	54	28.90R			0	-0.7	62	0.1	0.1	21.3	78.5	8	0.008	9	Valve Open
11/6/2015	42	29.99R			-1.8	-1.8	51	0.1	0.1	21.3	78.5	27	0.027	27	Valve Open
12/21/2015	36	28.70S			-1.6	-1.5	69	29.6	25.1	2.5	42.8	10	2.96	9	Valve Open
1/7/2016	32	29.98F			-1.2	-1.1	66	22.3	23.6	1.9	52.2	27	6.021	15	Valve Open
2/1/2016	26	28.87R			-1.5	-1.5	68	23.6	22.8	1.7	51.9	23	5.428	19	Valve Open
3/17/2016	40	28.69S			-1.7	-1.7	57	18.8	23.1	1.8	56.3				Valve Open
4/4/2016	33	29.23R			-1.7	-1.8	52	15.5	20.5	2.2	61.8	33	5.115	36	Valve Open
5/12/2016	46	28.89S			-2.2	-2.2	64	23.2	22.8	1.5	52.5	41	9.512	40	Valve Open
6/15/2016	70	28.65	727.71	F	-1.4	-1.4	68	22.6	21.1	2.5	53.8	42	9.492	39	Valve Open
7/21/2016	86	28.9	734.06	F	-1.4	-1.5	76	26.1	22.2	1.8	49.9	23	6.003	33	Valve Open
8/9/2016	82	28.84	732.54	S	-1.3	-1.2	77	28.7	22.7	1.3	47.3	27	7.749	29	Valve Open
9/20/2016	73	29.05	737.87	R	0	0	77	34.5	23.9	0.7	40.9			19	Valve Open
11/9/2016	58	29.15	740.41	F	0	-0.1	62	38.5	25	0.9	35.6	14	5.39	16	Valve Open
12/1/2016	33	28.77	730.76	R	-1.1	-1.1	51	39.5	28.8	1.1	30.6	29	11.455	29	Valve Open
1/3/2017	15	28.9	734.06	R	0.3	0.3	12	29.9	22.8	7.3	40				Valve Open
2/13/2017	44	28.8	731.52	F	0.3	0.3	50	33.5	24	0	42.5				Valve Open
3/28/2017	38	28.98	736.09	S	-1.5	-0.4	62	29.7	23.6	1.8	44.9	21	6.237		Valve Open
4/11/2017	34	30.25	768.35	S	-1.3	-1.5	56	25.9	24.3	2.4	47.4		0		Valve Open
5/8/2017	60	28.85	732.79	F	0	0	70	14.2	14.9	3.5	67.4	15	2.13	15	Valve Open
6/5/2017	77	30	762	S	-1.1	-1.1	66	3.7	7.4	12.8	76.1	23	0.851	24	Valve Closed
7/21/2017	75	29.91	759.71	F	-1.4	-1.1	66	25.7	24.2	1.4	48.7			19	Valve Open
8/15/2017	65	30.01	762.25	S	-1.3	-1.3	67	21.7	24	0.9	53.4	21	4.557	25	Valve Open
9/6/2017	60	30.14	765.56	S	0.1	-2	64	20.1	23.9	1.1	54.9				Valve Open
10/9/2017	48	28.95	735.33	S	1.3	1.3	58	1.5	2	19.4	77.1				Valve Open
11/2/2017	36	29.88	758.952	R	-1.9	-1.9	57	17.1	21.3	4.7	56.9			1	Valve Open
12/1/2017	40	30.03	762.762	F	-1.5	-1.5	57	21.1	25.4	0.6	52.9	19	4.009	14	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 10 (DNR # 710)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
*1/8/2018	26	29.97	761.238	R	-0.1	-0.1	33	44.2	30.7	2.4	22.7	51	22.542	53	Valve Open
2/15/2018	32	28.7	728.98	R	-0.2	-0.3	40	17.6	11.8	14.3	56.3				Valve Open
3/14/2018	25	28.89	733.806	s	0.1	0	46	51.3	27.9	0.1	20.7				Valve Open
4/12/2018	38	29.73	755.142	S	-0.2	-0.3	50	8.2	4.6	18.4	68.8				Valve Open
5/10/2018	48	30.07	763.778	S	-0.2	-0.2	57	18.6	10.3	14.7	56.4				Valve Open
*6/19/2018	59	28.98	736.092	S	0	0	62	39.2	20.7	4.5	35.6				Valve Open
7/10/2018	84	29.17	740.918	S	0	0	75	39.4	24.5	6.8	29.3				Valve Open
8/14/2018	67	29.98	761.492	S	0.1	-1.4	89	56.6	30.7	1.9	10.8				Valve Open
*9/24/2018	60	29.95	760.73	S	0.2	0.2	76	56.6	27.7	0.2	15.5	8	4.528	9	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.3	-0.4	49	34.9	19.1	6.5	39.5	25	8.725	25	Valve Open
11/20/2018	19	30.1	764.54	F	0.4	-2.4	40	13.2	6.6	15.9	64.3	39	5.148	39	Valve Open
12/28/2018	22	28.86	733.04	S	-1.3	-1.2	22	1.4	1.7	21.3	75.6	18	0.25	18	Valve Open
*1/7/2019	37	29.51	749.55	S	-0.5	-0.5	40	47.9	25.7	2.2	24.2	27	12.93	27	Valve Open
2/13/2019	13	29.98	761.49	S	0	0	25	35.3	24.8	0.9	39	114	40.24	119	Valve Open
3/20/2019	35	29.89	759.21	S	0	-0.1	40	45.9	24.5	1.3	28.3	7	3.21	6	Valve Open
4/8/2019	60	29.74	755.40	F	0	0.2	68	43	25.9	0.3	30.8	21	9.03	21	Valve Open
5/14/2019	61	29.95	760.73	S	-1	-0.5	77	0.1	0	20.7	79.2	54	0.05	53	Valve Open
6/18/2019	70	29.99	761.75	S	-2	-2.4	70	12.5	5.9	16.1	65.5	62	7.75	60	Valve Open
7/24/2019	71	30.2	767.08	F	-3	-3.2	68	0.1	0	19.7	80.2	59	0.06	59	Valve Open
8/14/2019	70	30.08	764.03	S	-4	-3.7	67	8.1	5.8	15.4	70.7	59	4.78	59	Valve Open
9/20/2019	67	30.08	764.03	S	-3	-1.6	69	1.5	1.1	19.2	78.2	49	0.74	53	Valve Closed
10/18/2019	52	29.79	756.67	S	-1	-0.3	63	20.2	20.2	0.6	59	50	10.10	42	Valve Open
11/22/2019	25	29.33	744.98	S	-5	-2.5	-	0.1	0	21.3	78.6	51	0.05	45	Valve Closed
12/4/2019	31	28.87	733.30	R	-1	-0.8	-	0.1	0	20.7	79.2	48	0.05	47	Valve Closed
1/7/2020	23	30	762.00	R	-1	-0.7	-	2.8	4.7	17.3	75.2	46	1.29	46	Valve Closed
2/25/2020	45	29.42	747.27	R	0	0	-	24.9	19.6	1.9	53.6	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	47	35.7	21.8	1.9	40.6	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	0	-0.4	49	0	0	21.7	78.3	0	0.00	0	Valve Closed
5/29/2020	77	29.91	759.71	F	0	-0.5	-	0	0.1	21.4	78.5	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	0	-0.3	-	0.1	0	21.1	78.8	0	0.00	0	Valve Closed
7/28/2020	72	29.92	759.968	S	0	0.1	87	21	17.1	0.7	61.2	0	0.00	6	Valve Open
8/11/2020	73	30.01	762.254	S	-1	-1	74	15.8	7.8	14.8	61.6	0	0.00	73	Valve Open
9/29/2020	54	29	736.6	S	0	-0.4	66	14.5	8.5	15.7	61.3	28	4.06	32	Valve Opened
10/6/2020	56	29.84	757.936	F	0	0	69	2.8	11.3	7.9	78	9	0.25	13	Valve Closed
11/5/2020	35	29.05	737.87	S	0	0	71	2.2	4.4	16.2	77.2	15	0.33	14	Valve Closed
12/10/2020	40	29.94	760.476	S	-1	-0.1	53	0.6	0.5	21	77.9	0	0.00	0	Valve Closed

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 10 (DNR # 710)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/18/2021	21	29.9	759.46	R	-1	-0.4	30	0.1	0.1	23	76.8	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-2	-0.1	23	2	1.8	20.3	75.9	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-2	-0.2	54	0	0	21.4	78.6	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	-0.2	34	0	0.1	21.7	78.2	0	0.00	0	Valve Closed
5/19/2021	65	30.01	762.25	R	0	-0.1	69	0.9	0.6	19.8	78.7	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0	0.2	87	16.8	14.6	2.3	66.3	15	2.52	26	Valve Open
9/13/2021	67	29.97	761.238	R	-0.7	-0.5	75	41.2	21.6	0.3	36.9	9	3.71	9	Valve Open
12/2/2021	41	29.89	759.206	R	-0.1	-0.325	50	0.3	0.2	21	78.5	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 11 (DNR # 711)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-13.00	0.40	40.00	29.50	23.00	0.00	47.50	8	2.36		
2/17/2012	40	29.97 S			-12.7	0.3	42	28.9	23.1	0	48	3	0.867		
3/27/2012	68	28.54 R			-11.50	0.60	42.00	29.90	26.20	0.40	43.30				
4/18/2012	60	28.75			-11	0	66	21.2	14	9.6	55.2	4	0.848		Valve Closed
5/29/2012	60	28.64S			0	-0.1	65	9.7	6.3	15.4	68.6	0			Valve Closed
6/25/2012	77	28.98S			0	0.1	86	39.3	26.7	0.4	33.6	2	0.786		Valve Closed
7/23/2012	92	28.80F			-1.8	0	98	39.5	24.9	2	33.6	3	1.185		Opened Valve 3 turns
8/7/2012	85	28.86S			-3.3	-2	67	34.7	26.3	0.3	38.7	13	4.511	22	Valve Open
9/10/2012	69	28.89F			-2.5	-1.7	65	23.6	25	0.4	51	15	3.54		Valve Open
10/1/2012	62	28.77S			-5.1	-3.3	62	19.2	25	0.3	55.5	18	3.456		
10/22/2012	60	28.76R						59	40.6	0.2	0.2				Blower Off
10/31/2012	40	30.00F						29.5	24.4	0.2	45.9				Blower Off
11/13/2012	36	30.15F						5.1	11.6	5.6	77.7				Blower Off
12/12/2012	24	29.90F						43	27.1	0.3	29.6				Blower Off
12/19/2012	28	29.99S						0	0	21	79				Blower Off
1/15/2013	22	29.00S						31.7	24.4	0.2	43.7				Blower Off
2/8/2013	16	30.36S						10	13.3	7.5	69.2				Blower Off
2/12/2013	26	29.90F						20.1	20.1	0.7	59.1				Blower Off
3/28/2013	32	30.34S						53.7	28.9	0.2	17.2				Blower Off
4/29/2013	55	28.60F						23.6	20.5	0.5	55.4				Blower Off
5/13/2013	50	28.81S						62.9	27.9	0	9.2				Blower Off
6/18/2013	65	28.93S			0	0	77	53.1	28	0	18.9				Valve Open
7/17/2013	90	29.09S			-1.7	-1	72	32.7	24.9	0.8	41.6	4	1.308	0	Valve Open
8/13/2013	70	29.02S			-0.8	-0.2	73	33.6	25.2	1.1	40.1	25	8.4	22	Valve Open
9/11/2013	82	28.86S			-1.2	-0.6	75	32	24.9	1.3	41.8	24	7.68	23	Valve Open
10/8/2013	64	28.73F			-1.5	-0.6	65	26.6	24.8	1.1	47.5	0	0	6	Valve Open
11/19/2013	26	29.01F			-1.5	-0.5	52	26.3	24.8	1.7	47.2				Valve Open
12/18/2013	26	28.62F			0.1	0.3	32	28.7	26.2	0.1	35				Valve Open
1/15/2014	3	28.92F			-2.8	-0.8	44	23.8	24.9	2.3	49			3	Valve Open
2/18/2014	33	28.42S			-4	-3.6	56	0.1	0.1	21.3	78.5	22	0.022	29	Valve Open
3/11/2014	37	28.69R			-2.9	-1.2	43	16.8	22.1	2.6	58.5	16	2.688	24	Valve Open
4/22/2014	45	28.96S			-3.4	-1.4	50	17.6	19.9	2.5	60	30	5.28	31	Valve Open
5/14/2014	46	29.10S			-0.3	-0.3	59	24.4	21.9	0.5	53.2	27	6.588	27	Valve Open
6/16/2014	82	28.77S			0.1	0.1	89	47	23.5	0.5	29	41	19.27	41	Valve Open
7/15/2014	61	29.94F			-0.2	-0.2	70	19.7	11.6	11	57.7	32	6.304	32	Valve Open
8/5/2014	67	29.07S			0	0	86	49.5	21.7	1.9	26.9	37	18.315	37	Valve Open
9/19/2014	64	28.75F			0.1	0.1	67	50	28.3	0.3	21.4	4	2	4	Valve Open
10/9/2014	55	30.19S			-0.1	-0.1	62	19.2	25	0.3	55.5	18	3.456	18	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 11 (DNR # 711)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
11/25/2014	22	28.91R			-0.2	-0.2	27	0.1	0.4	22.7	76.8				Valve Open
12/18/2014	22	29.16S			0	0	27	22	16.6	8.3	53.1				Valve Open
1/19/2015	29	28.79F			0.2	0.2	31	55.2	25.9	0.1	18.8				Valve Open
3/20/2015	40	28.88S			0	0	46	21.7	14.5	9.2	54.6	19	4.123	20	Valve Open
4/7/2015	37	29.03S			0	0	41	27.9	19.8	4.1	48.2				Valve Open
5/5/2015	67	29.06S			-1.2	-1	56	0.9	0.8	18	80.3	26	0.234	30	Valve Open
6/16/2015	70	29.08S			-1.6	-1.6	80	0.2	0	21.4	78.4	48	0.096	48	Valve Open
7/15/2015	70	30.05S			-1.7	-1.7	74	23.2	21.6	0.2	55	48	11.136	48	Valve Open
8/4/2015	75	28.89S			-1.7	-1.7	76	25.6	20.9	0.6	52.9	53	13.568	53	Valve Open
9/16/2015	80	28.75F			-1.6	-1.6	80	22.3	21.7	0.8	55.2	48	10.704	48	Valve Open
10/15/2015	54	28.90R			-0.7	-0.7	58	20.3	22.8	0.5	56.4	12	2.436	12	Valve Open
11/6/2015	42	29.99R			-1.8	-1.8	52	15.8	19.9	2.9	61.4	28	4.424	27	Valve Open
12/21/2016	36	28.70S			-0.6	-0.6	39	11.7	20.3	2.2	65.8				Valve Open
1/7/2016	32	29.98F			0.2	0.2	38	15.6	21.7	0.8	61.9	15	2.34	15	Valve Open
2/1/2016	26	28.87R			-0.1	-0.1	47	0.2	0.1	20.5	79.2	14	0.028	14	Valve Open
3/17/2016	40	28.69S			-1.7	-1.5	47	13.7	21.8	1.6	62.9				Valve Open
4/4/2016	33	29.23R			-2.1	-1.9	47	14.6	22.2	0.4	62.8	33	4.818	36	Valve Open
5/12/2016	46	28.89S			-3.4	-2.1	53	16.6	21.8	0.4	61.2	31	5.146	33	Valve Open
6/15/2016	70	28.65	727.71	F	-1.5	-1.6	61	18	21.9	0.2	59.9	43	7.74	40	Valve Open
7/21/2016	86	28.88	733.55	F	-1.1	-4.7	70	21	21.2	0.2	57.6	34	7.14	33	Valve Open
8/9/2016	82	28.84	732.54	S	-1.4	-1.4	67	22.2	21.9	0.1	55.8	26	5.772	22	Valve Open
9/20/2016	73	29.04	737.62	R	-0.4	-0.3	69	28.2	21.6	0.6	49.6				Valve Open
11/9/2016	58	29.15	740.41	F	-0.1	0	60	38.3	24.7	0.1	36.9	18	6.894	15	Valve Open
12/1/2016	33	28.76	730.50	R	-0.9	-0.9	44	23.2	24.6	0.7	51.5				Valve Open
1/3/2017	15	28.91	734.31	R	0.2	0.2	7	0.5	4.2	19	76.3				Valve Open
2/13/2017	44	28.78	731.01	F	0.3	0.3	40	36.8	23.5	4	35.7				Valve Open
3/28/2017	38	28.98	736.09	S	-1.5	-1.6	52	18.6	22	0.6	58.8	30	5.58	22	Valve Open
4/11/2017	34	30.25	768.35	S	-6.6	-1.4	50	16.8	22.6	0.5	60.1				Valve Open
5/8/2017	60	28.85	732.79	F	0	0	75	0.1	0	20.5	79.4	15	0.015	16	Valve Closed
6/5/2017	77	30	762	S	-0.5	-0.3	78	2.2	3.1	17.7	77	14	0.308	17	Valve Closed
7/21/2017	75	29.91	759.71	F	-1.1	-6	66	16.1	21.6	1.1	61.2	24	3.864	21	Valve Open
8/15/2017	65	30.01	762.25	S	-0.2	0	67	10.5	19.5	1.2	68.8				Valve Open
9/6/2017	60	30.14	765.56	S	-0.2	-2.1	64	9.5	19.6	0.7	70.2	16			Valve Open
10/9/2017	48	28.95	735.33	S	1.3	1.3	72	0.3	2.1	20.3	77.3				Valve Open
11/2/2017	36	29.88	758.95	R	-2.6	-2.6	56	12.2	22.7	0.7	64.4				Valve Open
12/1/2017	40	30.03	762.762	F	-2	-2	54	12.1	22.4	0.6	64.9	20	2.42	20	Valve Open
*1/8/2018	26	29.97	761.238	R	0	0	41	34	25.2	2	38.8	20	6.8	22	Valve Open
2/15/2018	32	28.7	728.98	R	-0.5	-0.5	41	19.4	19.9	6.3	54.4				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 11 (DNR # 711)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
3/14/2018	25	28.89	733.806	s	0.1	0.1	40	40.6	24.6	0.2	34.6				Valve Open
4/12/2018	38	29.73	755.142	S	-0.3	-0.3	44	3.2	2.5	20.2	74.1				Valve Closed
5/10/2018	48	30.07	763.778	S	0	-0.3	66	0	0	21	79				Valve Closed
*6/19/2018	59	28.98	736.092	S	0	0	64	27.9	16.8	4.4	50.9				Valve Open
7/10/2018	84	29.17	740.918	S	0	-0.2	74	1.2	0.8	19.8	78.2				Valve Closed
8/15/2018	67	29.98	761.492	S	Mud Wasp nest cover valves										Valve Closed
*9/24/2018	60	29.95	760.73	S	0.2	0.1	77	52.7	22.2	0.2	24.9	0	0	2	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.1	-0.1	42	14.9	6.5	15.6	63				Valve Open
11/13/2018	10	30.5	774.7	S	-0.2	-0.2	57	0.1	0	21.5	78.4				Valve Closed
12/28/2018	22	28.86	733.04	S	-1.2	-0.9	22	0.2	0.2	21.7	77.9	18	0.04	17	Valve Closed
*1/7/2019	37	29.51	749.55	S	-0.6	-0.6	39	40.3	23.8	1.4	34.5	27	10.88	27	Valve Open
2/13/2019	13	29.98	761.49	S	0	0	25	40.3	21.5	0.9	37.3	3	1.21	2	Valve Open
3/20/2019	35	29.89	759.21	S	0	-0.1	41	23.3	10.3	12.1	54.3	5	1.17	5	Valve Open
4/8/2019	60	29.74	755.40	F	0	0.2	66	43.2	21.7	0.6	34.5	21	9.07	21	Valve Open
5/14/2019	61	29.95	760.73	S	-1	-0.5	84	0.1	0	20.4	79.5	53	0.05	53	Valve Closed
6/18/2019	70	29.99	761.75	S	-2	-0.5	77	0.1	0	20.4	79.5	55	0.06	55	Valve Closed
7/24/2019	71	30.2	767.08	F	-3	-0.6	94	0.2	0	20.6	79.2	54	0.11	54	Valve Closed
8/14/2019	70	30.08	764.03	S	-3	-1	82	0.1	0	20.7	79.2	51	0.05	50	Valve Closed
9/20/2019	67	30.08	764.03	S	-1	-5.2	85	1	0.7	18.9	79.4	52	0.52	52	Valve Closed
10/18/2019	52	29.79	756.67	S	0	-0.3	62	28.2	19.5	0.7	51.6	51	14.38	51	Valve Open
11/22/2019	25	29.33	744.98	S	-1	-0.7	-	0.1	0	20.8	79.1	47	0.05	28	Valve Closed
12/4/2019	31	28.87	733.30	R	-1	-0.8	-	1.9	2	19.3	76.8	47	0.89	47	Valve Closed
1/7/2020	23	30	762.00	R	-1	-0.7	-	6.3	4.2	18.5	71	46	2.90	46	Valve Closed
2/25/2020	45	29.42	747.27	R	0	0	-	33.6	15.8	6	44.6	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	45	3.2	5	16.3	75.5	0	0.00	0	Valve Closed
4/21/2020	40	30.02	762.51	R	0	-0.4	47	0	0	21.8	78.2	0	0.00	0	Valve Closed
5/29/2020	77	29.91	759.71	F	0	-0.4	-	0	0	21.3	78.7	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	0	-0.2	-	0.1	0	21	78.9	0	0.00	0	Valve Closed
7/28/2020	72	29.92	759.968	S	0	0.1	92	56.3	26	0.3	17.4	0	0.00	0	Valve Open
8/11/2020	73	30.01	762.254	S	0	-0.3	98	0	0	20.6	79.4	0	0.00	99	Valve Closed
9/29/2020	54	29	736.6	S	0	0	71	14.8	16.8	0.1	68.3	30	4.44	30	Valve Opened
10/6/2020	56	29.84	757.936	F	0	0.1	73	30.6	20.3	0.2	48.9	12	3.67	12	Valve Open
11/5/2020	35	29.05	737.87	S	0	-0.1	58	1	0.5	20.9	77.6	0	0.00	0	Valve Closed
12/10/2020	40	29.94	760.476	S	-1	0	50	0.1	0.1	21.3	78.5	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	-2	-0.1	31	4.1	2.3	18.8	74.8	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-1	0	23	39.8	22	1.6	36.6	0	0.00	52	Valve Open
3/19/2021	57	30.5	774.7	R	-2	-3.6	51	0	0	21.4	78.6	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	-0.2	34	0	0.1	21.7	78.2	0	0.00	0	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 11 (DNR # 711)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
5/19/2021	65	30.01	762.25	R	0	-0.1	70	0.1	0.1	20.3	79.5	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0	0.2	94	43.6	20.7	0.3	35.4	18	7.85	18	Valve Open
9/13/2021	67	29.97	761.238	R	-0.6	-5.5	76	57.6	25.2	0.5	16.7	11	6.34	10	Valve Open
12/2/2021	41	29.89	759.206	R	0	-0.06	59	0	0.1	20.5	79.4	0	0.00	0	Valve Open

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 12 (DNR # 712)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-13.30	0.50	52.00	25.60	22.00	2.40	50.00	10	2.56		
2/17/2012	40	29.97 S			-12.9	0.5	50	26.9	23.4	0	49.7	8	2.152		
3/27/2012	68	28.54 R			-12.50	2.70	50.00	32.60	29.40	0.20	38.00				
4/18/2012	60	28.75			-10.7	0	62	43	32.2	0.3	24.5	5	2.15		
5/29/2012	60	28.65S			-6.8	-0.1	62	39	31.2	0.2	29.6				
6/25/2012	77	28.98S			Could not get to due to the amount of water around it from reshaping the landfill cap										
8/7/2012	85	28.86S			-6.6	0.1	91	59.4	37.8	1.2	1.6	0			Valve closed - Opened 3 turns
9/10/2012	69	28.89F			-2.9	-1.5	70	25.2	27	0.4	47.4	19	4.788		Valve Open
10/1/2012	62	28.77S			-5.8	-3.1	69	21.5	26.5	0.7	51.3	23	4.945		
10/22/2012	60	28.76R						59.1	40.5	0.2	0.2				Blower Off
10/31/2012	40	30.00F						55.9	37.8	0.2	6.1				Blower Off
11/13/2012	36	30.15F						52.6	37.5	0.2	9.7				Blower Off
11/27/2012	25	30.20F						55	37.2	0.2	7.6				Blower Off
12/12/2012	24	29.90F						55.5	37.3	0.2	7				Blower Off
12/19/2012	28	29.99S						58.3	41.4	0.1	0.2				Blower Off
1/15/2013	22	29.00S						58.3	39.2	0.3	2.2				Blower Off
2/8/2013	16	30.36S						60.1	39.5	0.3	0.1				Blower Off
2/12/2013	26	29.90F						47.4	36.3	0.2	16.1				Blower Off
3/28/2013	32	30.34S						57.1	37	0.4	5.5				Blower Off
4/29/2013	55	28.60F						52.6	21.1	3.2	23.1				Blower Off
5/13/2013	50	28.81S						61.4	34.3	1.2	3.1				Blower Off
6/18/2013	65	28.93S			0	0	85	61.9	36.5	0	1.6	5	3.095	0	Valve Open
7/17/2013	90	29.09S			-2.8	-1.6	70	19.3	24.7	0.1	55.9	5	0.965		Valve Open
8/13/2013	70	29.02S			-0.4	-0.3	73	29.5	28.1	0.1	42.3	25	7.375	23	Valve Open
9/11/2013	82	28.86S			-1.3	-0.8	72	24.7	26.6	0.2	48.5	29	7.163	22	Valve Open
10/8/2013	64	28.73F			-1.5	-1	67	23.4	27.1	0.1	49.4	13	3.042	12	Valve Open
11/19/2013	26	29.01F			-1.5	-1	61	23.3	27.4	0.2	49.1				Valve Open
12/18/2013	26	28.62F			0	0	38	58.4	41.1	0.1	0.1	39	22.776	38	Valve Open
1/15/2014	3	28.92F			-2.9	-1.7	59	15.4	26.4	1.6	56.6	16	2.464		Valve Open
2/18/2014	33	28.42S			-3.6	-2.3	62	15.5	23.7	0.6	60.2			31	Valve Open
3/11/2014	37	28.69R			-3.2	-2.5	60	13.5	22.3	1.7	62.5	1	0.135	27	Valve Open
4/22/2014	45	28.96S			-4.7	-2.9	65	22.4	24	1.1	52.5	27	6.048	35	Valve Open
5/14/2014	46	29.10S			-0.4	-0.4	66	27.3	17.9	10	44.8	27	7.371	27	Valve Open
6/16/2014	82	28.77S			-0.1	-0.1	87	61.4	33.8	0.9	3.9	41	25.174	41	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 12 (DNR # 712)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
7/15/2014	61	29.94F			-0.3	-0.3	70	34.1	21.6	9.3	35	32	10.912	32	Valve Open
8/5/2014	67	29.07S			-0.1	0	95	57.9	34.3	1.4	6.4	2	1.158	2	Valve Open
9/19/2014	64	28.75F			0	0	66	43	32.2	0.3	24.5	5	2.15	5	Valve Open
10/9/2014	55	30.19S			-0.2	-0.2	65	23	16	12.6	48.4	11	2.53	11	Valve Open
11/25/2014	22	28.91R			-0.4	-0.4	31	26.3	21.8	11.7	40.2				Valve Open
12/18/2014	22	29.16S			-0.2	-0.2	24	34	25.3	9.2	31.5				Valve Open
1/19/2015	29	28.79F			-0.2	-0.2	31	35.8	26.4	8.9	28.9				Valve Open
3/20/2015	40	28.88S			-0.4	-0.4	46	21.7	15.1	13.8	49.4	20	4.34	20	Valve Open
4/7/2015	37	29.03S			-0.4	-0.4	41	7.3	5.5	20	67.2				Valve Open
5/5/2015	67	29.06S			-1.3	-1	62	20.1	22	3.5	54.4	42	8.442	12	Valve Open
6/16/2015	70	29.08S			-1.5	-1.4	81	38.8	22.9	8.3	30	51	19.788	51	Valve Open
7/15/2015	70	30.05S			-1	-1.7	74	23.2	21.6	0.2	55	48	11.136	48	Valve Open
8/4/2015	75	28.89S			-1.5	-1.5	92	46.8	27.5	5.7	20	53	24.804	53	Valve Open
9/16/2015	80	28.75F			-1.3	-1.3	95	13	7.5	16.7	68.2	49	6.37	49	Valve Open
10/15/2015	54	28.90R			-0.5	-0.5	63	23.7	17	12.6	46.7	10	2.37	10	Valve Open
11/6/2015	42	29.99R			-1.6	-1.6	53	24.2	17.4	12.3	46.1	28	6.776	28	Valve Open
12/21/2015	36	28.70S			0	0	32	19.8	15.3	14.2	50.7				Valve Open
1/7/2016	32	29.98F			0.2	0.2	34	31.4	22.2	10.2	36.2	6	1.884	6	Valve Open
2/1/2016	26	28.87R			0	0	56	17.3	11.9	15.6	55.2	14	2.422	14	Valve Open
3/17/2016	40	28.69S			-3	-2.7	52	14.2	23.6	0.8	61.4			13	Valve Open
4/4/2016	33	29.23R			-3.3	-3.4	53	15.2	23.5	0.9	60.4	35	5.32	54	Valve Open
5/12/2016	46	28.89S			-3.4	-3.3	58	16.9	21.6	2.5	59	39	6.591	44	Valve Open
6/15/2016	70	28.65	727.71	F	-5.7	5.5	67	20	22.2	2.5	55.3	11	2.2	31	Valve Open
7/21/2016	86	28.89	733.81	F	-2.3	-2.2	79	23	23.7	0.3	53	30	6.9	25	Valve Open
8/9/2016	82	28.84	732.54	S	-1.9	-2.1	78	25.9	24.8	0.7	48.6	20	5.18	35	Valve Open
9/20/2016	73	29.06	738.12	R	-1.2	-1.3	72	56.9	36.7	0.4	6	22	12.518	29	Valve Open
11/9/2016	58	29.14	740.16	F	0.1	0.1	70	59.9	39.9	0	0.2	17	10.183	17	Valve Open
12/1/2016	33	28.78	731.01	R	-1.1	-0.5	37	33.8	16.5	7.6	42.1				Valve Open
1/3/2017	15	28.29	718.57	R	0.1	0.1	7	1.3	1.8	20.5	76.4				Valve Open
2/13/2017	44	-	-	F	-	-	-	53.2	-	-	-	-	-	-	Valve Open
3/28/2017	38	28.97	735.84	S	-2.6	-2.5	59	15.2	23.3	1.5	60	24	3.648		Valve Open
4/11/2017	34	30.25	768.35	S	-6.9	-2.5	53	14.4	23.5	1.8	60.3	12	1.728		Valve Open
5/8/2017	60	28.85	732.79	F	-1.9	0	73	34.4	14.8	7.1	43.7	16	5.504	16	Valve Open
6/5/2017	77	30	762	S	-2.7	-2.8	67	29.8	25.8	0.9	43.5	30	8.94	41	Valve Open
7/21/2017	75	29.91	759.71	F	-1.9	-1.9	70	14.5	16.9	6.8	61.8	13	1.885		Valve Open
8/15/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 12 (DNR # 712)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/6/2017	60	30.14	765.56	S	0.4	-4	70	23.6	26.2	0.6	49.6			21	Valve Open
10/9/2017	48	28.95	765.56	S	1.8	1.7	65	62.2	37.3	0.4	0.1				Valve Open
11/2/2017	36	29.88	758.952	R	1.4	1.8	52	0	0	20.7	79.3				Valve Open
12/1/2017	40	30.03	762.762	F	-3.3	-3.3	58	20.7	26.3	1	52			10	Valve Open
*1/8/2018	26	29.97	761.238	R	-0.2	-0.2	40	25.5	17.5	12.4	44.6	37	9.435	36	Valve Open
2/15/2018	32	28.7	728.98	R	-0.4	-0.6	40	3.3	3.3	18.1	75.3				Valve Closed
3/14/2018	25	28.89	733.806	s	0	0	59	44.5	28.8	5.9	20.8				Valve Open
4/12/2018	38	29.73	755.142	S	-0.2	-0.1	45	15	3.2	16	65.8				Valve Open
5/10/2018	48	30.07	763.778	S	-0.1	-0.1	64	24	14.6	12.7	48.7				Valve Open
*6/19/2018	59	28.98	736.092	S	0	0	64	62.7	36.9	0.2	0.2				Valve Open
7/10/2018	84	29.17	740.918	S	0	0	78	48.5	27.7	4.2	19.6				Valve Open
8/14/2018	67	29.98	761.492	S	0.2	0.2	94	61.8	37.3	0.4	0.5				Valve Open
*9/24/2018	60	29.95	760.73	S	0.4	0.4	81	61.4	38.2	0.3	0.1	13	7.982	13	Valve Open
*10/15/2018	34	30.2	767.08	S	0	0	42	61.4	34.7	1.5	2.4				Valve Open
11/20/2018	19	30.1	764.54	F	0.3	0.3	29	60.3	39.2	0.3	0.2				Valve Open
12/28/2018	22	28.86	733.04	S	-1	-0.9	22	70.2	19.5	3.7	6.6	60	42.12	57	Valve Open
*1/7/2019	37	29.51	749.55	S	-0.5	-0.5	39	58.9	40.7	0.3	0.1				Valve Open
2/13/2019	13	29.98	761.49	S	0.1	0.1	30	61.4	38.1	0.3	0.2	17	10.44	22	Valve Open
3/20/2019	35	29.89	759.21	S	-0.1	0	40	62.3	35.3	1.1	1.3	8	4.98	8	Valve Open
4/8/2019	60	29.74	755.40	F	0.2	0.2	66	75.8	9.7	1.7	12.8	30	22.74	30	Valve Open
5/14/2019	61	29.95	760.73	S	-0.4	-4.8	76	48.4	17	5.4	29.2	55	26.62	55	Valve Open
6/18/2019	70	29.99	761.75	S	-4.5	-4.1	61	0.1	0	20.8	79.1	58	0.06	54	Valve Closed
7/24/2019	71	30.2	767.08	F	-3.5	-0.3	83	58.3	32.6	1.6	7.5	55	32.07	42	Valve Open
8/14/2019	70	30.08	764.03	S	-4.3	-4.7	63	0.1	0	20.1	79.8	54	0.05	60	Valve Open
9/20/2019	67	30.08	764.03	S	-3.7	-2.5	67	0.1	0	20	79.9	48	0.05	52	Valve Closed
10/18/2019	52	29.79	756.67	S	-1.5	-0.2	57	61.8	37.9	0.2	0.1	52	32.14	55	Valve Open
11/22/2019	25	29.33	744.98	S	-4.1	-2.9	-	0.1	0.1	21.4	78.4	43	0.04	43	Valve Closed
12/4/2019	31	28.87	733.30	R	4.6	-0.7	-	3.1	2.3	19.7	74.9	52	1.61	52	Valve Closed
1/7/2020	23	30	762.00	R	-0.5	-0.5	-	60.3	39.1	0.4	0.2	46	27.74	46	Valve Open
2/25/2020	45	29.42	747.27	R	0	0	-	50.4	33.2	0.2	16.2	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	43	63.5	36.4	0	0.1	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	0	0	43	0	0.1	21.8	78.1	0	0.00	0	Valve Closed
5/29/2020	77	29.91	759.71	F	0	-0.1	-	9.8	5.6	18	66.6	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	0	0	-	43.2	23.7	6.6	26.5	10	4.32	5	Valve Open
7/28/2020	72	29.92	759.968	S	-0.7	-5.9	85	0.2	0	20.5	79.3	0	0.00	27	Valve Closed
8/11/2020	73	30.01	762.254	S	-1.4	-1	83	0.2	0	20.6	79.2	34	0.07	82	Valve Closed

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 12 (DNR # 712)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/29/2020	54	29	736.6	S	-0.8	-0.5	66	0.1	0	20.8	79.1	21	0.02	27	Valve Closed
10/6/2020	56	29.84	757.936	F	-0.2	0.4	82	62.2	37.2	0.3	0.3	23	14.31	27	Valve Open
11/5/2020	35	29.05	737.87	S	-0.7	-0.3	65	2.2	1.5	20.2	76.1	0	0.00	9	Valve Closed
12/10/2020	40	29.94	760.476	S	-1	0.2	52	60.5	39.1	0.3	0.1	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	-0.9	-0.7	40	0.1	0.1	22.3	77.5	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-1	0.1	23	63	36.6	0.2	0.2	0	0.00	69	Valve Open
3/19/2021	57	30.5	774.7	R	-0.9	-0.4	51	0.7	0.7	20.9	77.7	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	0	37	64	35.7	0.2	0.1	0	0.00	0	Valve Open
5/19/2021	65	30.01	762.25	R	0	0	71	64.7	34.7	0.3	0.3	0	0.00	0	Valve Open
6/16/2021	80	30.03	762.762	R	0.1	0.1	85	62.3	33.4	0.1	4.2	15	9.35	16	Valve Open
9/13/2021	67	29.97	761.238	R	-0.7	-0.8	78	55.4	33.8	0.3	10.5	12	6.65	11	Valve Open
12/2/2021	41	29.89	759.206	R	0	-0.064	52	1.2	0.8	20.4	77.6	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 13 (DNR # 713)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-18.20	0.20	38.00	50.00	32.10	0.00	17.90				
3/27/2012	68	28.54 R			-18.00	0.40	50.00	10.00	20.70	2.90	66.30				
6/25/2012	77	28.98S			Could not get to due to the amount of water around it from reshaping the landfill cap										
9/10/2012	69	28.89F			-2.1	0.1	77	34.1	31	0.3	34.6	9	3.069		Valve Open
10/22/2012	60	28.76R						53.1	36.9	0.2	9.8				Blower Off
10/31/2012	40	30.00F						55.8	37	0.2	7				Blower Off
11/13/2012	36	30.15F						15	19.9	4.7	60.4				Blower Off
12/19/2012	28	29.99S						24.1	16.6	10.7	48.6				Blower Off
2/8/2013	16	30.36S						10.2	8.6	13.3	67.9				Blower Off
3/28/2013	32	30.34S						55	35.7	0.9	8.4				Blower Off
6/18/2013	65	28.93S			-0.6	-0.6	82	0.3	0	19.4	80.3	8	0.024	8	Valve Open
9/11/2013	82	28.86S			-2.2	-1.3	72	11.6	23.5	1.1	63.8	24	2.784	24	Valve Open
12/18/2013	26	28.62F			-0.2	-0.1	38	43.8	33.5	0.1	22.6	18	7.884	18	Valve Open
3/11/2014	37	28.69R			-7.8	-3.6	78	4.2	15.8	6.9	73.1	25	1.05	24	Valve Open
6/16/2014	82	28.77S			-3.5	-0.9	99	15.3	9.4	14.7	60.6	38	5.814	38	Valve Open
9/19/2014	64	28.75F			-4.3	-2.6	71	20.3	25.6	0.1	54	18	3.654	17	Valve Open
12/18/2014	22	29.16S			-9.9	-4.4	71	12.8	24.9	1.4	60.9	7	0.896	10	Valve Open
3/20/2015	40	28.88S			-10.2	-4.3	74	10.9	22.5	2.3	64.3	27	2.943	28	Valve Open
6/16/2015	70	29.08S			-6.5	-5.9	76	11.4	21	2.1	65.5	54	6.156	58	Valve Open
9/16/2015	80	28.75F			-6.6	-6.8	76	12.3	21.9	1	64.8	55	6.765	52	Valve Open
12/21/2015	36	28.70S			-6	-5.4	69	13.1	25.7	0.7	60.5			17	Valve Open
3/17/2016	40	28.69S			-6.9	-6.3	64	11.4	23.8	0.8	64	10	1.14	10	Valve Open
6/15/2016	70	28.64	727.46	F	1.5	1.5	68	13.5	23.8	0.5	62.2	21	2.835	8	Valve Open
9/20/2016	73	29.08	738.63	R	-6.3	-5.8	70	45.5	31.4	0.5	22.6	30	13.65	24	Valve Open
12/1/2016	33	28.79	731.27	R	-5	-4.5	64	17.2	27	1.8	54			0	Valve Open
3/28/2017	38	28.98	736.09	S	-7.2	-6.8	64	12.4	22.9	1.4	63.3	173	21.452	174	Valve Open
6/5/2017	77	30	762	S	-6.4	-8.6	66	24.9	24.3	0.4	50.4	33	8.217	23	Valve Open
9/26/2017	60	29.95	760.73	R	-6	-5.5	68	14.1	24.8	0.7	60.4		0		Valve Open
12/19/2017	35	28.8	731.52	R	-7	-7	69	19.9	25.8	2.6	51.7			28	Valve Open
3/14/2018	25	28.89	733.806	s	-9.2	-8.6	72	0	0	21.1	78.9				Valve Closed
*6/19/2018	59	28.98	736.092	S	-0.2	0	64	39.3	29.4	5.9	25.4				Valve Open
*9/24/2018	60	29.95	760.73	S	0.6	0.6	80	55.1	39.7	0.3	4.9	9	4.959	9	Valve Open
12/28/2018	22	28.86	733.04	S	-1.1	-1	22	5.4	4.1	19.1	71.4	16	0.86	16	Valve Open
3/20/2019	35	29.89	759.21	S	-13.2	-8.7	61	0	0	20.9	79.1	17	0.00		Valve Closed
6/18/2019	70	29.99	761.75	S	-0.3	-0.4	80	1.7	0.9	19.7	77.7	55	0.94	51	Valve Closed
9/20/2019	67	30.08	764.03	S	-0.2	-0.2	76	49.5	38.3	0.2	12	52	25.74	52	Valve Open
12/4/2019	31	28.87	733.30	R	-15.4	-12.4	-	0.1	0	20.8	79.1	65	0.07	55	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 13 (DNR # 713)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
3/17/2020	40	30.27	768.86	R	0.1	0.1	48	40.3	30.9	5.7	23.1	0	0.00	0	Valve Open
6/5/2020	70	31.15	791.21	S	-8.6	-7.6	-	0.2	0	20.7	79.1	13	0.03	20	Valve Closed
9/29/2020	54	29	736.6	S	-6.1	-0.9	61	0.1	0	21.2	78.7	21	0.02	20	Valve Closed
12/10/2020	40	29.94	760.476	S	0	0	53	6.7	5.4	18.6	69.3	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-10.6	-6.9	57	0	0	21.4	78.6	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	0.1	99	0.1	0	20.5	79.4	17	0.02	17	Valve Closed
9/13/2021	67	29.97	761.238	R	-0.6	-4.5	78	0.3	0.2	20.1	79.4	12	0.04	11	Valve Closed
12/2/2021	41	29.89	759.206	R	0	-0.071	58	0.5	1.4	19.7	78.4	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 14 (DNR # 714)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
3/27/2012	48	29.85 F			-18.60	0.00	40.00	19.00	26.50	0.00	54.50				
3/27/2012	68	28.54 R			-17.50	0.60	48.00	26.60	30.00	0.20	43.00				
6/25/2012	77	28.98S			0	0	87	12.1	24.6	0.3	63	3	0.363		Valve Closed
9/10/2012	69	28.89F			-4.6	0.2	92	38.3	35.2	0.4	26.1	79	30.257		Valve Open (1/4 turn)
10/22/2012	60	28.76R						47.8	37.4	1.4	13.4				Blower Off
10/31/2012	40	30.00F						48.1	36.3	0.3	15.3				Blower Off
11/13/2012	36	30.15F						8.4	7.5	13.1	71				Blower Off
11/27/2012	25	30.20F						15.4	15.1	5.9	63.6				Blower Off
12/12/2012	24	29.90F						21.6	19	4.3	55.1				Blower Off
12/19/2012	28	29.99S						16	11.3	12.7	60				Blower Off
1/2/2013	14	29.95S						50.4	30.6	0.3	18.7				Blower Off
2/8/2013	16	30.36S						6.3	5.5	15.7	72.5				Blower Off
3/28/2013	32	30.34S						16	13.3	6.2	64.5				Blower Off
6/18/2013	65	28.93S			-4.1	0	86	43.2	25.6	4.2	27	12	5.184	12	Valve Open (1/4 turn)
9/11/2013	82	28.86S			-2.3	-0.1	89	19.4	12.6	12	56	22	4.268	23	Valve Closed
12/18/2013	26	28.62F			-0.1	0	36	30.5	35.5	0.1	33.9	18	5.49	18	Valve Closed
3/11/2014	37	28.69R			-7.8	-0.6	47	0	0.1	21.2	78.7	19	0	19	Valve Closed
6/16/2014	82	28.77S			-5	-0.1	93	14.3	9	13.1	63.6	39	5.577	39	Valve Closed
9/19/2014	64	28.75F			-4.1	0	80	18.4	12.1	12.6	56.9				Valve Closed
12/18/2014	22	29.16S			-9.9	-0.1	24	0.3	0.5	22.5	76.7				Valve Closed
3/20/2015	40	28.88S			-10.2	-0.3	47	1.3	1.2	20.9	76.6	23	0.299	23	Valve Closed
6/16/2015	70	29.08S			-5.2	-2.8	58	2.9	18.2	0.5	78.4	70	2.03	68	Valve Open
9/16/2015	80	28.75F			-7.4	-1.5	89	0.1	0	20.6	79.3	45	0.045	45	Valve Closed
12/21/2015	36	28.70S			-6.9	-0.1	31	0	0.2	21.7	78.1				Valve Closed
3/17/2016	40	28.69S			-7.7	-0.6	45	0	0.1	21.6	78.3				Valve Closed
6/15/2016	70	28.64	727.46	F	-0.2	7.1	80	0.1	0	20.2	79.7	5	0.005	5	Valve Closed
9/20/2016	73	29.03	737.36	R	-5.8	0.6	94	0.2	0	19.9	79.9	4	0.008	4	Valve Closed
12/1/2016	33	28.78	731.01	R		-0.6	36	0.1	0.1	20.1	79.7				Valve Closed
3/28/2017	38	28.97	735.84	S	-7.6	-0.6	73	0.1	0	21.2	78.7	47	0.047	46	Valve Closed
6/5/2017	77	30	762	S	-7	-0.7	73	0.1	0	19.2	80.7	26	0.026	27	Valve Closed
9/26/2017	60	29.95	760.73	R	-6.8	0.6	59	0	0	20.6	79.4		0		Valve Closed
12/19/2017	35	28.8	731.52	R	-7.4	-0.7	34	0	0	21.2	78.8				Valve Closed
3/14/2018	25	28.89	733.806	s	-10.2	-0.7	36	0	0	21.1	78.9				Valve Closed
*6/19/2018	59	28.98	736.092	S	-3.5	-0.1	66	0	0	20.6	79.4				Valve Closed
*9/24/2018	60	29.95	760.73	S	0.3	0.3	79	0.5	1.9	19.2	78.4	13	0.065	13	Valve Closed
12/28/2018	22	28.86	733.04	S	-0.9	-1.1	22	0.1	0.1	21.6	78.2	16	0.02	17	Valve Closed
3/20/2019	35	29.89	759.21	S	-10.1	-0.5	42	0	0.1	20.9	79	0	0.00		Valve Closed
6/18/2019	70	29.99	761.75	S	-0.3	-0.5	78	3.9	6.9	13	76.2	55	2.15	55	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 14 (DNR # 714)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/20/2019	67	30.08	764.03	S	-0.4	-0.4	78	38.8	27.6	0.2	33.4	53	20.56	53	Valve Open
12/4/2019	31	28.87	733.30	R	-14.1	-3.1	-	0.1	0	20.8	79.1	91	0.09	48	Valve Closed
3/17/2020	40	30.27	768.86	R	0.1	0	44	34.1	26.8	1.2	37.9	0	0.00	0	Valve Open
6/5/2020	70	31.15	791.21	S	-7.5	-1.7	-	0.2	0	20.9	78.9	61	0.12	33	Valve Closed
9/29/2020	54	29	736.6	S	-6.5	-0.3	59	0.1	0.1	21.1	78.7	24	0.02	24	Valve Closed
12/10/2020	40	29.94	760.476	S	0.1	-0.2	52	0.1	0.1	21.5	78.3	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-7.4	-0.3	49	0	0	21.4	78.6	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	-0.1	94	0.2	0	20.9	78.9	15	0.03	15	Valve Closed
9/13/2021	67	29.97	761.238	R	-0.7	-0.8	80	0.1	0	20.2	79.7	0	0	0	Valve Closed
12/2/2021	41	29.89	759.206	R	-0.1	-0.317	52	0	0.1	20.6	79.3	0	0	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 15 (DNR # 715)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-16.60	0.30	35.00	14.40	23.80	0.30	61.50				
3/27/2012	68	28.54 R			-15.60	0.90	60.00	5.60	22.40	0.00	72.10				
6/25/2012	77	28.98S			0	0	78	10.1	23.8	1.6	64.5	1	0.101		Valve Closed
9/10/2012	69	28.89F			-4.6	0.2	93	14.7	27	0.8	57.5	0			Valve Closed
10/22/2012	60	28.76R						20.2	31.2	0.2	48.4				Blower Off
10/31/2012	40	30.00F						23.3	31.5	0.3	44.9				Blower Off
11/13/2012	36	30.15F						1.2	4.4	13.8	80.6				Blower Off
12/19/2012	28	29.99S						0	0.4	20.3	79.3				Blower Off
3/28/2013	32	30.34S						6.8	5.6	14.4	73.2				Blower Off
6/18/2013	65	28.93S			-4.5	0	79	30.9	21.9	5.2	42	6	1.854	6	Valve Closed
9/11/2013	82	28.86S			-2.3	0	90	2.2	4.2	16.7	76.9	22	0.484	22	Valve Closed
12/18/2013	26	28.62F			-0.1	0	36	11.1	29.4	0.1	59.4	17	1.887	16	Valve Closed
3/11/2014	37	28.69R			-9.3	-0.5	46	0	3.4	17.8	78.8	20	0	20	Valve Closed
6/16/2014	82	28.77S			-5.5	0	88	2.3	14.4	4.6	78.7	38	0.874	38	Valve Closed
9/19/2014	64	28.75F			-4.5	0	79	4.8	20.2	3	72	13	0.624	12	Valve Closed
12/18/2014	22	29.16S			-10.9	-0.1	31	1.1	12	10.2	76.7				Valve Closed
3/20/2015	40	28.88S			-11.4	-0.1	41	0.5	4.9	16.3	78.3	23	0.115	23	Valve Closed
6/16/2015	70	29.08S			-9.4	-1.6	78	0.3	0	21.1	78.6	50	0.15	50	Valve Closed
9/16/2015	80	28.75F			-8.9	-1.2	87	0.3	0	20.1	79.6	50	0.15	49	Valve Closed
12/21/2015	36	28.70S			-7.7	0	33	0	4	18.1	77.9				Valve Closed
3/17/2016	40	28.69S			-9.3	0	41	0	9.4	11	79.6				Valve Closed
6/15/2016	70	28.65	727.71	F	-0.8	-0.8	78	0.1	4.7	15.2	80	9	0.009	9	Valve Closed
9/20/2016	73	29.09	738.89	R	-7.5	-0.3	75	0.2	0.3	19.7	79.8	18	0.036	18	Valve Closed
12/1/2016	33	28.8	731.52	R		-0.6	36	0.1	0.2	19.4	80.3				Valve Closed
3/28/2017	38	29.12	739.65	S	-8.5	-0.2	49	0	0	21.1	78.9				Valve Closed
6/5/2017	77	30	762	S	-8.6	-0.6	81	0.1	0	19	80.9	26	0.026	26	Valve Closed
9/26/2017	60	29.95	760.73	R	-6.8	0.8	58	0	0	20.5	79.5				Valve Closed
12/19/2017	35	28.8	731.52	R	-8.6	-0.6	32	0	0.1	21.1	78.8				Valve Closed
3/14/2018	25	28.89	733.806	S	-12.8	0	44	0	6.8	13.2	80				Valve Closed
*6/19/2018	59	28.98	736.092	S	-6.2	0	64	12.5	23.3	0.3	63.9				Valve Open
*9/24/2018	60	29.95	760.73	S	3.5	0.3	95	8.3	27.6	0.3	63.8	6	0.498	6	Valve Closed
12/28/2018	22	28.86	733.04	S	-6.8	-0.9	22	0.1	8.9	14.2	76.8	15	0.02	164	Valve Closed
3/20/2019	35	29.89	759.21	S	-13.1	-0.5	40	1.1	2.4	19.3	77.2			3	Valve Closed
6/18/2019	70	29.99	761.75	S	-3.8	-0.3	79	0.1	9.6	10.1	80.2	55	0.06	55	Valve Closed
9/20/2019	67	30.08	764.03	S	-0.4	-0.4	76	31.4	30.9	0.2	37.5	50	15.70	50	Valve Open
12/4/2019	31	28.87	733.30	R	-15.5	-14.9	-	0.1	0	20.8	79.1	49	0.05	49	Valve Closed
3/17/2020	40	30.27	768.86	R	0	0	49	21.4	25.1	0.3	53.2	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	-10.7	-9.5	-	0.2	0	21.2	78.6	0	0.00	11	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 15 (DNR # 715)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/29/2020	54	29	736.6	S	-9.8	-0.3	61	0.1	0.2	21.1	78.6	24	0.02	24	Valve Closed
12/10/2020	40	29.94	760.476	S	-0.2	-0.3	52	0.1	0.1	21.5	78.3	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-6.9	-0.4	48	0	0	21.4	78.6	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	-0.1	88	0.1	0	20.9	79	16	0.02	16	Valve Closed
9/13/2021	67	29.97	761.238	R	-0.7	-3.6	77	0.1	0.9	19.4	79.6	15	0.02	9	Valve Closed
12/2/2021	41	29.89	759.206	R	0	-0.425	53	0	0.1	20.4	79.5	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 17 (DNR # 717)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
3/27/2012	48	29.85 F			-20.60	0.00	70.00	13.20	26.40	0.00	60.40				
3/27/2012	68	28.54 R			-19.80	0.60	70.00	10.80	26.10	0.20	62.90				
6/25/2012	77	28.98S			0	0	89	8.6	25.2	0.3	65.9	0			Valve Closed
9/10/2012	69	28.89F			-5.2	0	78	8	24	0.4	67.6	0			Valve Open 1/4 turn
10/22/2012	60	28.76R						33.8	31.9	0.4	33.9				Blower Off
10/31/2012	40	30.00F						30.9	31.9	0.2	37				Blower Off
11/13/2012	36	30.15F						18.7	19.8	5.7	55.8				Blower Off
11/27/2012	25	30.20F						21.9	26.8	0.7	50.6				Blower Off
12/19/2012	28	29.99S						39.8	32.7	1.1	26.4				Blower Off
3/28/2013	32	30.34S						31	23.6	4.4	41				Blower Off
6/18/2013	65	28.93S			-6	0	81	29.5	26.3	2.5	41.7				Valve Open 1/4 turn
9/11/2013	82	28.86S			-3.4	0	90	4.3	5.4	15.4	74.9	23	0.989	23	Valve Closed
12/18/2013	26	28.62F			-0.2	-0.1	36	11.4	29.1	0.1	59.4	17	1.938	17	Valve Closed
3/11/2014	37	28.69R			-13.1	-0.7	41	0.1	1.2	20.6	78.1	26	0.026	26	Valve Closed
6/16/2014	82	28.77S			-6.2	-0.1	90	17.2	22.2	1	59.6	32	5.504	32	Valve Closed
9/19/2014	64	28.75F			-5.6	0.1	66	2.7	14.1	6.7	76.5				Valve Closed
12/18/2014	22	29.16S			-13.9	-0.1	29	16.3	19.9	4.6	59.2				Valve Closed
3/20/2015	40	28.88S			-14.6	-0.1	42	13.3	15.3	7.7	63.7	23	3.059	23	Valve Closed
6/16/2015	70	29.08S			-16.1	-1.5	87	0.2	0.1	21.4	78.3	48	0.096	47	Valve Closed
9/16/2015	80	28.75F			-11.9	-1.6	79	0.1	0.7	19.4	79.8	45	0.045	45	Valve Closed
12/21/2015	36	28.70S			-11.7	-0.7	36	0.1	0.6	20.6	78.7				Valve Closed
3/17/2016	40	28.69S			-12.6	-0.5	45	0	0.3	21	78.7				Valve Closed
6/15/2016	70	28.65	727.71	F	-4.5	7.3	80	0.5	0.9	19.2	79.4	10	0.05	10	Valve Closed
9/20/2016	73	29.3	744.22	R	-10.5	0.8	95	30.7	28.7	1.5	39.1	7	2.149	7	Valve Open
12/1/2016	33	28.74	730.00	R	-9.5	-0.6	53	6.1	21.2	0.8	71.9	24	1.464	17	Valve Open
3/28/2017	38	29.12	739.65	S	-7.8	-1.2	53	11.9	24.1	0.8	63.2	11	1.309	14	Valve Open
6/5/2017	77	30	762	S	-7.9	-0.9	73	15.6	22.3	0.3	61.8	37	5.772	187	Valve Open
9/6/2017	60	30.14	765.56	S	-6	0.5	61	4.5	22.2	1	72.3				Valve Open
12/19/2017	35	28.8	731.52	R	-8.2	-0.8	58	7.2	25.1	1.4	66.3	3	0.216		Valve Open
3/14/2018	25	28.89	733.806	s	-14.2	-0.6	56	5.7	16.6	5.1	72.6	20	1.14	17	Valve Open
*6/19/2018	59	28.98	736.092	S	-14.6	-0.1	66	26.6	25	1.2	47.2	14	3.724	11	Valve Open
*9/24/2018	60	29.95	760.73	S	0	0.1	114	18.3	28	0.3	53.4				Valve Open
12/28/2018	22	28.86	733.04	S	-11.5	-2	57	1.7	7.2	16.7	74.4	35	0.60	37	Valve Closed
3/20/2019	35	29.89	759.21	S	-14.4	-0.1	38	46.1	29.4	0.3	24.2	30	13.83	29	Valve Open
6/18/2019	70	29.99	761.75	S	-12.7	-0.7	64	1.8	16.5	4.5	77.2	53	0.95	53	Valve Closed
9/20/2019	67	30.08	764.03	S	-10	-0.3	78	30	21.8	6.9	41.3	50	15.00	66	Valve Open
12/4/2019	31	28.87	733.30	R	-12.2	-2.1	-	0.1	0	20.4	79.5	68	0.07	52	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 17 (DNR # 717)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
3/17/2020	40	30.27	768.86	R	0	-0.1	33	3.5	2.7	19.3	74.5	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	-7.1	-0.8	-	0	0	20.6	79.4	18	0.00	18	Valve Open, Broke
9/29/2020	54	29	736.6	S	-0.2	-0.2	60	2.3	18.3	4.6	74.8	25	0.58	24	Valve Broken
12/10/2020	40	29.94	760.476	S	-4.4	-0.2	52	0.1	0.1	21.5	78.3	0	0.00	0	Valve Broken
3/19/2021	57	30.5	774.7	R	-4.6	0	53	0	0	21.4	78.6	0	0.00	0	Valve Broken
6/16/2021	80	30.03	762.762	R	-5.4	-2.5	72	0	0	20.6	79.4	74	0.00	69	Valve Broken
9/13/2021	67	29.97	761.238	R	-5.2	-2.8	76	0	0	20.1	79.9	70	0	68	Valve Broken
12/2/2021	41	29.89	759.206	R	-2.3	3.135	77	0	0.1	20.6	79.3	116	0	116	Valve Broken

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 18 (DNR # 718)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-20.70	0.00	42.00	18.00	28.40	0.00	53.60				
3/27/2012	68	28.54 R			-19.00	0.70	48.00	11.90	26.90	0.00	61.50				
6/25/2012	77	28.98S			0	0.1	85	15.7	26.5	1.1	56.7	0			Valve closed
9/10/2012	69	28.89F			-5.1	0.1	84	5.2	21.3	7	72.8	3			Valve open 1/4 turn
10/31/2012	40	30.00F						14.7	25.8	0.2	59.3				Blower Off
11/13/2012	36	30.15F						7.1	14.2	6.9	71.8				Blower Off
12/19/2012	28	29.99S						19.5	16.9	10.5	53.1				Blower Off
3/28/2013	32	30.34S						3.8	3.8	17.8	74.6				Blower Off
6/18/2013	65	28.93S			-5.9	0	78	0.8	0.2	19	80				Valve open 1/4 turn
9/11/2013	82	28.86S			-3.2	0	87	0.1	0	20	79.9	22	0.022	22	Valve closed
12/18/2013	26	28.62F			-0.2	-0.1	35	12	28.3	0.1	59.6	17	2.04	16	Valve closed
3/11/2014	37	28.69R			-13.1	-0.7	39	0	0.1	22.3	77.6	26	0	26	Valve closed
6/16/2014	82	28.77S			-6.2	-0.1	86	0.9	0.7	20.3	78.1	34	0.306	34	Valve closed
9/19/2014	64	28.75F			-5.4	0.1	65	7.1	11.2	10.5	71.2				Valve closed
12/18/2014	22	29.16S			-13.9	-0.1	29	14.1	15.7	8.6	61.6				Valve closed
3/20/2015	40	28.88S			-14.6	-0.1	40	1.8	2	20.2	76	23	0.414	23	Valve closed
6/16/2015	70	29.08S			-15.8	-1.6	76	0.1	0	21	78.9	46	0.046	46	Valve open
9/16/2015	80	28.75F			-12	-1.5	79	0.3	1.1	18.8	79.8	45	0.135	45	Valve closed
12/21/2015	36	28.70S			-11.6	-0.6	32	0.9	6.6	15.5	77				Valve closed
3/17/2016	40	28.69S			-12.5	-0.5	44	0	0.4	21	78.6				Valve closed
6/15/2016	70	28.64	727.46	F	-5	7.3	78	0.4	0.7	19.4	79.5	11	0.044	11	Valve closed
9/20/2016	73	29.03	737.36	R	-10.5	0.8	94	25	21	5.6	48.4	9	8.46	10	Valve Open
12/1/2016	33	28.74	730.00	R	-9.3	-1.1	55	4.1	24.9	5.6	65.4	15	8.25	14	Valve Open
3/28/2017	38	28.96	735.58	S	-4.8	-2.3	59	2.6	21.3	0.5	75.6	93	54.87	99	Valve Closed
6/5/2017	77	30	762	S	-5	-3	65	3.5	20	0.7	75.8	87	56.55	80	Valve Closed
9/6/2017	60	30.14	765.56	S	-3.4	-5.1	70	1.9	20.7	0.8	76.6	65	45.5	66	Valve Closed
12/19/2017	35	28.8	731.52	R	-5.5	-3.1	76	7	25.6	0.3	67.1	77	58.52	77	Valve Open
3/14/2018	25	28.89	733.806	s	-14.9	-0.3	61	0.1	0.7	20.1	79.1				Valve Open
*6/19/2018	59	28.98	736.092	S	-14.9	0	63	39.2	29.6	0.2	31				Valve Open
*9/24/2018	60	29.95	760.73	S	0	-1.9	87	28.2	30	0.3	41.5				Valve Open
12/28/2018	22	28.86	733.04	S											Valve Open
3/20/2019	35	29.89	759.21	S											Valve Open
6/18/2019	70	29.99	761.75	S	-12.3	-0.7	76	0.5	3.1	18	78.4	53	0.265	53	Valve Closed
9/20/2019	67	30.08	764.03	S	-11.4	-0.4	78	43.1	34.8	0.3	21.8	51	21.981	51	Valve Open
12/4/2019	31	28.87	733.30	R	-12.3	-1.4	-	0.3	1.8	19.4	78.5	46	0.138	46	Valve Closed
3/17/2020	40	30.27	768.86	R	0	-0.1	34	24.9	20.3	8	46.8	0	0	0	Valve Open, Broke
6/5/2020	70	31.15	791.21	S	-9.6	-0.7	-	0.6	5.7	14.7	79	29	0.174	30	Valve Broken

TABLE 7
 GAS EXTRACTION WELL HEAD MONITORING
 Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 18 (DNR # 718)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/29/2020	54	29	736.6	S	-7.3	-0.4	61	2.6	5.4	17.4	74.6	22	0.572	22	Valve Broken
12/10/2020	40	29.94	760.476	S	-7.3	-0.3	44	0.1	0	21.2	78.7	0	0	0	Valve Broken
3/19/2021	57	30.5	774.7	R	-7.3	0	57	0	0	21.4	78.6	0	0	0	Valve Broken
6/16/2021	80	30.03	762.762	R	-8.6	-0.4	75	0	0	20.4	79.6	0	0	188	Valve Broken
9/13/2021	67	29.97	761.238	R	-8.2	-0.8	69	0	0	20.4	79.6	0	0	0	Valve Broken
12/2/2021	41	29.89	759.206	R	-3.5	6.556	58	0	0.1	20.7	79.2	172	0	172	Valve Broken

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 19 (DNR # 719)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-18.30	0.20	60.00	40.00	31.10	0.00	28.90	2	0.8		
2/17/2012	40	29.97 S			-17.9	0.1	58	32.5	28.1	0	39.4	1	0.3		
3/27/2012	68	28.54 R			-17.00	0.30	59.00	27.70	29.10	0.00	43.30				
4/18/2012	60	28.75			-17	-0.7	53	30.7	30.6	0.3	38.4	34	10.4		Valve Open
5/29/2012	60	28.65S			-17.1	-0.7	55	29	30.3	0.2	40.5	9	2.6		Valve Open
6/25/2012	77	28.98S			-10.6	-0.2	62	32.7	30	0.3	37	5	1.635		Valve Open
7/23/2012	92	28.80F			-9.5	-0.2	70	34.5	29.7	0.5	35.3	7	2.415		Valve Open
8/7/2012	85	28.86S			-8.8	-0.2	73	39.7	31	0.3	29	6	2.382	3	Valve Open
9/10/2012	69	28.89F			-4.6	0.2	70	30.9	29.2	0.3	39.6	5	1.545		Valve Open
10/1/2012	62	28.77S			-8.8	-0.3	63	26.4	29.5	0.2	43.9	4	1.056		
10/22/2012	60	28.76R						45.9	35.4	0.2	18.5				Blower Off
10/31/2012	40	30.00F						53.8	36.8	0	9.2				Blower Off
11/13/2012	36	30.15F						47.1	34.7	0.5	17.7				Blower Off
11/27/2012	25	30.20F						52.1	34.7	0.3	12.9				Blower Off
12/12/2012	24	29.90F						60.7	37.1	0.3	1.9				Blower Off
12/19/2012	28	29.99S						37	27.1	6.8	29.1				Blower Off
1/2/2013	14	29.95S						60.6	38.9	0.3	0.2				Blower Off
1/15/2013	22	29.00S						53.1	36.1	0.3	10.5				Blower Off
2/12/2013	26	29.90F						Broke off at base due to wind blowing metal box over							Blower Off
3/28/2013	32	30.34S						Broke off at base due to wind blowing metal box over							Blower Off
4/29/2013	55	28.60F						Broke off at base due to wind blowing metal box over							Blower Off
5/13/2013	50	28.81S						Broke off at base due to wind blowing metal box over							Blower Off
6/18/2013	65	28.93S			-2.6	-2	59	44.1	30.7	0	25.2	43	18.963	40	Valve Open
7/17/2013	90	29.09S			-5.9	-4.5	59	21.9	27.2	0.4	50.5	54	11.826	68	Valve Open
8/13/2013	70	29.02S			-1.9	-1.7	60	19.8	27.3	0.9	52	39	7.722	39	Valve Open
9/11/2013	82	28.86S			-1.7	-1.5	62	22.5	27.2	0.1	50.2	35	7.875	36	Valve Open
10/8/2013	64	28.73F			-1.5	-1.2	59	22	27.4	0.1	50.5	27	5.94	27	Valve Open
11/19/2013	26	29.01F			-1.6	-1.3	55	20.8	27.9	0.1	51.2	23	4.784	26	Valve Open
12/18/2013	26	28.62F			-0.2	0	44	38.9	32.9	0.1	28.1	19	7.391	19	Valve Open
1/15/2014	3	28.92F			-5.2	-4	54	17.3	29.3	0.8	52.6	60	10.38	62	Valve Open
2/18/2014	33	28.42S			-5.7	-4.6	53	14.3	25.7	0.2	59.8	68	9.724	63	Valve Open
3/11/2014	37	28.69R			-5.6	-4.5	53	12.2	25	0.1	62.7	58	7.076	64	Valve Open
4/22/2014	45	28.96S						Broke off at base due to wind blowing metal box over							Valve Open
5/14/2014	46	29.10S			-4	-2.7	54	17.2	23.6	0	59.2	45	7.74	52	Valve Open
6/16/2014	82	28.77S			-3.8	-2.5	58	20.3	20.4	1.3	58	57	11.571	55	Valve Open
7/15/2014	61	29.94F			-3.9	-2.6	58	20.6	24.6	0	54.8	49	10.094	42	Valve Open
8/5/2014	67	29.07S			-3.7	-2.3	60	22.2	24.2	0	53.6	36	7.992	36	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 19 (DNR # 719)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
9/19/2014	64	28.75F			-3.4	-2.3	59	20.3	25.4	0.1	54.2	35	7.105	35	Valve Open
10/9/2014	55	30.19S			-6.2	-3.8	57	20.1	25.5	0.1	54.3	50	10.05	51	Valve Open
11/25/2014	22	28.91R			-7.1	-4.3	56	17.4	27.1	0.3	55.2	48	8.352	52	Valve Open
12/18/2014	22	29.16S			-7.8	-4.4	56	18.2	26.7	0.2	54.9	54	9.828	56	Valve Open
1/19/2015	29	28.79F			-7.7	-4.2	54	18.3	26.8	0.2	54.7	51	9.333	45	Valve Open
3/20/2015	40	28.88S			-8	-4.6	54	18.8	26.4	0	54.8	63	11.844	62	Valve Open
4/7/2015	37	29.03S			-8.3	-4.6	54	18.5	26.3	0.1	55.1	61	11.285	57	Valve Open
5/5/2015	67	29.06S			-7.2	-2.9	56	8.5	12.3	5.7	73.5	46	3.91	50	Valve Open
6/16/2015	70	29.08S			-5.4	-4.8	57	14.3	23	0.1	62.6	57	8.151	57	Valve Open
7/15/2015	70	30.05S			-14.4	-1.1	86	34.7	19.6	6.1	39.6	50	17.35	49	Valve Closed
8/4/2015	75	28.89S			-7.5	-6.3	57	20.5	22.8	0.2	56.5	58	11.89	49	Valve Open
9/16/2015	80	28.75F			-6	-5.1	58	14.4	23.4	0.2	62	57	8.208	46	Valve Open
10/15/2015	54	28.90R			-5.4	-4.5	57	13.4	24.2	0.2	62.2	7	0.938		Valve Open
11/6/2015	42	29.99R			-6.6	-5.6	56	12.8	24.5	0.1	62.6	44	5.632		Valve Open
12/21/2015	36	28.70S			-5.2	-4.1	54	11.5	25	0.2	63.3			9	Valve Open
1/7/2016	32	29.98F			-4.7	-3.6	54	11.7	24.6	0.1	63.6	31	3.627	22	Valve Open
2/1/2016	26	28.87R			-5.1	-4.1	54	11.6	23.6	0.1	64.7	10	1.16		Valve Open
3/17/2016	40	28.69S			-6	-4.9	52	10	23.4	0.2	66.4				Valve Open
4/4/2016	33	29.23R			-6.4	-5.4	51	8.6	19.7	2.2	69.5	37	3.182	40	Valve Open
5/12/2016	46	28.89S			-6.3	-5.4	54	11.5	24	0.1	64.4	42	4.83	28	Valve Open
6/15/2016	70	28.65	727.71	F	2.1	3	56	12.8	23.9	0.1	63.2	56	7.168	21	Valve Open
7/21/2016	86	28.89	733.81	F	-5.7	-4.7	58	15.1	23.3	0.1	61.5	34	5.134	42	Valve Open
8/9/2016	82	28.84	732.54	S	-5.4	-4.3	60	17.1	24	0.1	58.8	27	4.617	34	Valve Open
9/20/2016	73	29.07	738.38	R	-5	-4.1	62	23.7	25.8	0.2	5.3	12	2.844	31	Valve Open
11/9/2016	58	29.13	739.90	F	-4.2	-3.4	60	22	26.7	0.1	51.2	21	4.62	13	Valve open
12/1/2016	33	28.78	731.01	R	-4.7	-4.1	57	17	27.8	0.5	54.7				Valve Open
1/3/2017	15	28.95	735.33	R	-4.2	-4.1	-	8.9	16.6	7.3	67.2				Valve Open
2/13/2017	44	28.78	731.01	F	-4.3	-4.3	74	13	22.5	0.4	64.1	19	2.47	11	Valve Open
3/28/2017	38	28.98	736.09	S	-5.9	-4.8	56	12.2	22.9	0.2	64.7	148	18.056	147	Valve Open
4/11/2017	34	30.25	768.35	S	-4.5	-4.8	55	11.1	23.7	0.2	65				Valve Open
5/8/2017	60	28.85	732.79	F	-9.4	-4.8	55	10.9	22	0.3	66.8	16	1.744	22	Valve Open
6/5/2017	77	30	762	S	-5.5	-4.8	73	16.9	21.9	0.2	61	30	5.07	22	Valve Open
7/21/2017	75	29.91	759.71	F	-5.7	-4.8	59	13.2	23.5	0.2	63.1	13	1.716	41	Valve Open
8/15/2017	65	30.01	762.25	S	-4.4	-5.8	59	11.9	22	0.3	65.8				Valve Open
9/26/2017	60	29.95	760.73	R	-4.5	-3.5	58	12.1	24	0.2	63.7				Valve Open
10/9/2017	48	28.95	735.33	S	1.4	1.4	64	7.1	9.1	13.7	70.1				Valve Open
11/2/2017	36	29.88	758.952	R	-4	-4	52	14.4	23.4	1.7	60.5	0			Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 19 (DNR # 719)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
12/1/2017	40	30.03	762.762	F	-4.1	-4.1	58	14.8	23.6	1	52	25	3.7	22	Valve Open
1/8/2018	26	29.97	761.238	R	-6.3	-5.2	59	17.9	25.7	0.6	55.8			11	Valve Open
2/15/2018	32	28.7	728.98	R	-7.3	-6.1	59	16.2	25.3	0.5	58	7			Valve Open
3/14/2018	25	28.89	733.806	s	-7.2	-5.8	58	9.8	15.6	7.6	67	11	1.078	31	Valve Open
4/12/2018	38	29.73	755.142	S	-8	-6.3	58	10.9	15.9	8.2	65			18	Valve Open
5/10/2018	48	30.07	763.78	S	-16.1	-6.4	58	0	0	21.1	78.9	29	0	19	Valve Closed
*6/19/2018	59	28.98	736.092	S	-3.6	0	65	58.5	33.8	0.2	7.5				Valve Open
7/10/2018	84	29.17	740.918	S	0	-0.1	77	5.4	3.7	18.5	72.4				Valve Closed
8/14/2018	67	29.98	761.49	S	0	-7.6	91	54.3	33.7	1.8	10.2				Valve Open
*9/24/2018	60	29.95	760.73	S	0.6	0.6	80	63.4	35.3	0.3	1	11	6.974	11	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.3	-0.3	40	14.6	6.6	16.3	62.5				Valve Open
11/20/2018	19	30.1	764.54	F	0.2	0.2	32	59.1	39.4	0.3	1.2				Valve Open
12/28/2018	22	28.86	733.04	S	-1.1	-1.2	22	0.2	0.3	21.5	78	17	0.03	17	Valve Closed
*1/7/2019	37	29.51	749.55	S	-0.4	-2.2	39	59.6	39.5	0.8	0.1	27	16.09	27	Valve Open
2/13/2019	13	29.98	761.49	S	-14	-2.9	52	0	0.1	21.4	78.5	17	0.00		Valve Closed
3/20/2019	35	29.89	759.21	S	-10.6	-1.1	39	0.2	0.2	20.8	78.8	7	0.01	7	Valve Open
4/8/2019	60	29.74	755.40	F	0.1	0.1	65	52.1	31.5	1.5	14.9	26	13.55	26	Valve Open
5/14/2019	61	29.95	760.73	S	-13.7	-2.7	54	5.5	5.2	16.4	72.9	53	2.92	52	Valve Closed
6/18/2019	70	29.99	761.75	S	-0.2	-0.2	81	49.9	22.1	2.4	25.6	58	28.94	58	Valve Open
7/24/2019	71	30.2	767.08	F	-3	-5.8	59	3.6	4.4	16.2	75.8	54	1.94	52	Valve Closed
8/14/2019	70	30.08	764.03	S	-0.6	-0.6	72	10.6	6.3	16.9	66.2	52	5.51	52	Valve Open
9/20/2019	67	30.08	764.03	S	-0.3	-0.2	73	68.8	24.5	0.2	6.5	58	39.90	59	Valve Open
10/18/2019	52	29.79	756.67	S	-0.5	-0.5	55	57.3	36.7	0.6	5.4	51	29.22	51	Valve Open
11/22/2019	25	29.33	744.98	S	-3	-3.2	-	0.1	0.1	21.4	78.4	50	0.05	136	Valve Closed
12/4/2019	31	28.87	733.30	R	-7.9	-1.8	-	7.8	4.9	17.8	69.5	51	3.98	51	Valve Open
1/7/2020	23	30	762.00	R	-5.6	-1.1	-	34.7	25.6	6.6	33.1	50	17.35	85	Valve Open
2/25/2020	45	29.42	747.27	R	0	0	-	57.1	35.6	0.1	7.2	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0.2	0.1	48	54.8	27	2	16.2	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	6.1	-3.3	44	0	0	21.8	78.2	40	0.00	28	Valve Closed
5/29/2020	77	29.91	759.71	F	-6.1	-1.3	-	0	0.1	21.1	78.8	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	3.8	-1.2	-	14.6	6.2	15.6	63.6	44	6.42	57	Valve Open
7/28/2020	72	29.92	759.968	S	-0.4	-1.9	60	0.2	0	20.6	79.2	17	0.03	17	Valve Closed
8/11/2020	73	30.01	762.254	S	-3.8	-0.1	72	26.4	20.3	5.5	47.8	28	7.39	66	Valve Open
9/29/2020	54	29	736.6	S	-9.4	-3.9	58	0.1	0.1	21.2	78.6	22	0.02	33	Valve Closed
10/6/2020	56	29.84	757.936	F	-1.4	0.3	77	43.1	33.1	0.2	23.6	20	8.62	34	Valve Open
11/5/2020	35	29.05	737.87	S	-1.9	-2.5	58	0.1	0	20.9	79	24	0.02	11	Valve Closed
12/10/2020	40	29.94	760.476	S	0	0	51	0.1	0.1	21.4	78.4	0	0.00	0	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 19 (DNR # 719)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/18/2021	21	29.9	759.46	R	-7.6	-0.4	26	0.1	0.1	22.2	77.6	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-7.9	-0.2	23	0	0.1	22.6	77.3	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-7.8	-0.2	53	0	0	21.4	78.6	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	-0.2	37	0.2	0.2	21.7	77.9	0	0.00	0	Valve Closed
5/19/2021	65	30.01	762.25	R	0	-0.1	72	0.1	0	20.8	79.1	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	0	89	0.2	0	21	78.8	15	0.03	15	Valve Closed
9/13/2021	67	29.97	761.238	R	-0.7	-0.7	75	0.6	3.8	12.8	82.8	4	0.02	3	Valve Closed
12/2/2021	41	29.89	759.206	R	0	-0.14	54	0	0.1	20.5	79.4	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 20 (DNR # 720)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-14.60	0.10	40.00	33.50	26.00	0.00	28.90				
2/17/2012	40	29.97 S			-13.9	0.1	44	27.3	24.2	0	48.5				
3/27/2012	68	28.54 R			-12.00	0.70	50.00	22.70	23.30	0.20	53.30				
4/18/2012	60	28.75			-10.9	-0.1	55	25.5	26.1	0.3	48.1				Valve Open
5/29/2012	60	28.65S			-7.6	-0.1	62	24.8	21.9	2.9	50.4	5	1.24		Valve Open
6/25/2012	77	28.98S			0	0	82	0.4	0	20.9	78.7	0			Valve Closed
7/18/2012	74	28.76S			-3	-0.2	70	0	0	20.6	79.4	0			Valve Open
8/7/2012	85	28.86S			-5.3	-0.2	101	0.2	0	19.6	80.2	3	0.006		Valve Open
9/10/2012	69	28.89F			-2	-0.4	65	16.9	25.1	0.6	57.4	25	4.225		Valve Open
10/1/2012	62	28.77S			-4.1	-1.3	63	11.4	24.4	0.6	63.6	30	3.42		
10/22/2012	60	28.76R						52.5	37.4	1.8	8.3				Blower Off
10/31/2012	40	30.00F						40	25.5	0.2	34.3				Blower Off
11/13/2012	36	30.15F						7.3	13.4	5	74.3				Blower Off
11/27/2012	25	30.20F						32.6	26.2	0.2	41				Blower Off
12/19/2012	28	29.99S						0	0	21	79				Blower Off
1/15/2013	22	29.00S						27.8	24.2	0.3	47.7				Blower Off
2/12/2013	26	29.90F						18	19.3	1.8	60.9				Blower Off
3/28/2013	32	30.34S						47.8	29.1	0.2	22.9				Blower Off
4/29/2013	55	28.60F						27.4	21.1	1.9	49.6				Blower Off
5/13/2013	50	28.81S						61.2	29.3	0	9.5				Blower Off
6/18/2013	65	28.93S			-4.5	0	78	42.1	26	0	31.9				Valve Open
7/17/2013	90	29.09S			-2.1	-0.7	64	20.1	27	1.5	51.4	13	2.613	16	Valve Open
8/13/2013	70	29.02S			-0.4	-0.1	69	24	28	0.3	47.7	29	6.96	23	Valve Open
9/11/2013	82	28.86S			-1	-0.3	68	20.9	27.7	0.6	50.8	29	6.061	25	Valve Open
10/8/2013	64	28.73F			-1.4	-0.3	65	19.3	27.3	0.3	53.1	14	2.702	18	Valve Open
11/19/2013	26	29.01F			-1.1	-0.3	59	15.3	25.7	0.4	58.6	13	1.989	14	Valve Open
12/18/2013	26	28.62F			0	-0.1	43	42.9	27.3	0.1	29.7	27	11.583	31	Valve Open
1/15/2014	3	28.92F			-2	-0.6	55	10.9	25.3	0.5	63.3	28	3.052		Valve Open
2/18/2014	33	28.42S			-2.4	-1	55	11.3	21.4	0.8	66.5	32	3.616	28	Valve Open
3/11/2014	37	28.69R			-2.6	-1	53	6.5	20.6	0.8	72.1	24	1.56	38	Valve Open
4/22/2014	45	28.96S			-3.7	-1.4	53	7.3	19.2	1.6	71.9	43	3.139	33	Valve Open
5/14/2014	46	29.10S			-0.4	-0.4	60	0.4	0.6	21.3	77.7	24	0.096	24	Valve Open
6/16/2014	82	28.77S			0	0	97	25.1	18.7	0.1	56.1	39	9.789	39	Valve Open
7/15/2014	61	29.94F			-0.2	-0.2	74	24.3	15.3	7.5	52.9	32	7.776	32	Valve Open
8/5/2014	67	29.07S			-0.1	-0.1	89	37.1	22.9	1.3	38.7	35	12.985	35	Valve Open
9/19/2014	64	28.75F			0	0	69	53	25.9	0	21.1	3	1.59	4	Valve Open
10/9/2014	55	30.19S			-0.2	-0.2	68	0.4	0.4	21.5	77.7	11	0.044	11	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 20 (DNR # 720)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
11/25/2014	22	28.91R			-0.3	-0.3	31	0.1	0.4	22.7	76.8				Valve Open
12/18/2014	22	29.16S			0.1	0.1	25	42.4	26	0	31.6				Valve Open
1/19/2015	29	28.79F			0.1	0.1	31	49.1	27.4	0	23.5	43	21.113	42	Valve Open
3/20/2015	40	28.88S			0	0	43	34.3	22.9	1.7	41.1	21	7.203	21	Valve Open
4/7/2015	37	29.03S			0	0	42	39.8	24	1.6	34.6				Valve Open
5/5/2015	67	29.06S			-0.8	-0.7	59	13.8	19.1	2.3	64.8	37	5.106		Valve Open
6/16/2015	70	29.08S			-1.6	-1.6	81	0.2	0.1	21.4	78.3	49	0.098	48	Valve Open
7/15/2015	70	30.05S			-1.6	-1.6	83	18.4	18.3	3.5	59.8	47	8.648	47	Valve Open
8/4/2015	75	28.89S			-1.7	-1.7	87	22.5	18.7	2.8	56	52	11.7	52	Valve Open
9/16/2015	80	28.75F			-1.6	-1.5	87	18.4	17.8	4.8	59	48	8.832	48	Valve Open
10/15/2015	54	28.90R			-0.7	-0.7	64	14.5	16.3	6.4	62.8	6	0.87	6	Valve Open
11/6/2015	42	29.99R			-1.9	-1.9	57	9.8	12	10	68.2	28	2.744	28	Valve Open
12/21/2015	36	28.70S			-0.6	-0.5	45	4.8	11.2	10.7	73.3				Valve Open
1/7/2016	32	29.98F			0	0	34	0.1	0.1	21.7	78.1	11	0.011	12	Valve Open
2/1/2016	26	28.87R			-0.4	-0.4	42	5.2	12.8	8	74	16	0.832	12	Valve Open
3/17/2016	40	28.69S			-1.5	-1.4	59	13.2	21.1	1	64.7			21	Valve Open
4/4/2016	33	29.23R			-2	-1.8	56	12.4	20.9	1	65.7	44	5.456	35	Valve Open
5/12/2016	46	28.89S			-2.1	-2	58	15.8	22	0.7	61.5	38	6.004	46	Valve Open
6/15/2016	70	28.65	727.71	F	-1.4	-1.5	61	17	22.5	0.4	60.1	34	5.78	45	Valve Open
7/21/2016	86	28.87	733.30	F	-0.6	-0.7	67	15.6	22	0.5	61.9	32	4.992	32	Valve Open
8/9/2016	82	28.85	732.79	S	-0.9	-0.7	68	17.9	23.3	0.4	58.4	25	4.475	26	Valve Open
9/20/2016	73	29.06	738.12	R	-0.6	-0.5	69	36.2	26.7	0.2	36.9	17	6.154	25	Valve Open
11/9/2016	58	29.14	740.16	F	0	-0.1	63	39.4	26.2	0	34.4	17	6.698	16	Valve Open
12/1/2016	33	28.77	730.76	R	-1	-0.8	56	19.5	25.2	1.2	54.1				Valve Open
1/16/2017	23	28.95	735.33	R	0	0	-	32.4	23.9	0.9	42.8	62	20.088	66	Valve Open
2/13/2017	44	28.78	731.01	F	0.3	0.3	54	28.9	22.9	0.3	47.9				Valve Open
3/28/2017	38	28.98	736.09	S	-1.6	-1.4	56	10.3	19.3	2.1	68.3	38	3.914	28	Valve Open
4/11/2017	34	30.25	768.35	S	-1.2	-1.4	56	8.5	19.2	3.3	69			10	Valve Open
5/8/2017	60	28.85	732.79	F	0	0	76	0.1	0	20.6	79.3	14	0.014	14	Valve Closed
6/5/2017	77	30	762	S	-1.7	-1.5	60	19.7	20.8	0.5	59	42	8.274	23	Valve Closed
7/21/2017	75	29.91	759.71	F	-1.1	-6.9	64	11	20.5	1.8	66.7	16	1.76	23	Valve Open
8/15/2017	65	30.01	762.25	S	-1.2	-5.4	67	7.3	16.2	4.1	72.4	36	2.628	26	Valve Open
9/6/2017	60	30.14	765.56	S	0.2	-4.8	67	8	18.4	3	70.6				Valve Open
10/9/2017	48	28.95	735.33	S	1.4	1.4	72	0.3	0.2	20.5	79				Valve Open
11/2/2017	36	29.88	758.95	R	-0.5	-0.5	47	0.1	0	21.4	78.5				Valve Open
12/1/2017	40	30.03	762.762	F	-1.7	-1.7	66	8.2	19.3	3.2	69.3	25	2.05	32	Valve Open
*1/8/2018	26	29.97	761.238	R	-0.1	-0.1	42	18	20.8	5.7	55.5				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 20 (DNR # 720)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
2/15/2018	32	28.7	728.98	R	-0.4	-0.4	44	12.4	7.6	15.1	64.9				Valve Open
3/14/2018	25	28.89	733.806	S	0	0	47	38.7	26.3	0.1	34.9				Valve Open
4/12/2018	38	29.73	755.142	S	-0.3	-0.3	47	22.7	12.8	11.1	53.4				Valve Open
5/10/2018	48	30.07	763.778	S	0	-4	64	0.7	4.7	18.2	76.4				Valve Closed
*6/19/2018	59	28.98	736.092	S	0	0	63	52.7	25.8	1.7	19.8				Valve Open
7/10/2018	84	29.17	740.918	S	0	0	76	0.2	7.8	14.1	77.9				Valve Closed
8/14/2018	67	29.98	761.492	S	0.1	0.1	94	43.2	24	1.5	31.3				Valve Open
*9/24/2018	60	29.95	760.73	S	0.4	0.4	83	61.3	27.6	0.3	10.8	15	9.195	16	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.2	-0.2	46	36.4	20.5	8	35.1	18	6.552	17	Valve Open
11/20/2018	19	30.1	764.54	F	0.2	0.2	35	44	27.2	0.4	28.4				Valve Open
12/28/2018	22	28.86	733.04	S	-1.2	-1	22	10.6	9	15.6	64.8	19	2.01	19	Valve Open
*1/7/2019	37	29.51	749.55	S	-0.6	-0.6	39	61.6	31.3	1.2	5.9	47	28.95	47	Valve Open
2/13/2019	13	29.98	761.49	S	0.1	0	32	48.6	26.8	0.2	24.4	84	40.82	89	Valve Open
3/20/2019	35	29.89	759.21	S	-0.1	-0.1	39	25.8	13.1	11.6	49.5	7	1.81	7	Valve Open
4/8/2019	60	29.74	755.40	F	0.1	0.1	67	46.5	25.5	0.3	27.7	26	12.09	26	Valve Open
5/14/2019	61	29.95	760.73	S	-0.4	-0.6	78	0.1	0.6	19.8	79.5	53	0.05	52	Valve Closed
6/18/2019	70	29.99	761.75	S	-4.3	-0.5	84	3	1.8	18.7	76.5	54	1.62	54	Valve Closed
7/24/2019	71	30.2	767.08	F	-0.6	-0.6	86	0.3	0.1	19.5	80.1	54	0.16	54	Valve Closed
8/14/2019	70	30.08	764.03	S	-5.1	-0.9	77	0.1	0	20	79.9	52	0.05	52	Valve Closed
9/20/2019	67	30.08	764.03	S	-0.3	-0.3	86	37.3	24.9	3.2	34.6	56	20.89	56	Valve Open
10/18/2019	52	29.79	756.67	S	3.2	-1.5	60	0.1	0	20.6	79.3	49	0.05	49	Valve Closed
11/22/2019	25	29.33	744.98	S	-1.8	-0.5	-	8	7.9	14.1	70	44	3.52	45	Valve Open
12/4/2019	31	28.87	733.30	R	-0.7	-0.7	-	0.1	0.7	20.5	78.7	46	0.05	46	Valve Closed
1/7/2020	23	30	762.00	R	-0.7	-0.7	-	21.9	11.7	13.2	53.2	46	10.07	47	Valve Open
2/25/2020	45	29.42	747.27	R	0	0	-	41.6	23.9	2.4	32.1	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	47	38.4	23.4	2.2	36	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	-0.1	-0.3	48	0	0	22.1	77.9	0	0.00	0	Valve Open
5/29/2020	77	29.91	759.71	F	0	-0.4	-	0	0	21.4	78.6	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	0	-0.2	-	0.7	0.3	20.8	78.2	16	0.11	16	Valve Closed
7/28/2020	72	29.92	759.968	S	-0.3	-4.5	102	54.5	24.4	1	20.1	13	7.09	8	Valve Open
8/11/2020	73	30.01	762.254	S	-1.3	-0.2	68	0.1	0	20.5	79.4	20	0.02	66	Valve Closed
9/29/2020	54	29	736.6	S	-0.4	0	74	45.9	26.5	0.4	27.2	29	13.31	31	Valve Opened
10/6/2020	56	29.84	757.936	F	0	0	65	16.9	9.8	12.4	60.9	25	4.23	16	Valve Open
11/5/2020	35	29.05	737.87	S	0	0	58	6.7	5.3	17.1	70.9	0	0.00	0	Valve Open
12/10/2020	40	29.94	760.476	S	-1.4	-0.5	56	0.1	0.1	21.2	78.6	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	-0.3	-0.3	24	0.1	0.1	21	78.8	0	0.00	0	Valve Closed
2/2/2021	20	30.32	770.128	F	-2.4	0	24	0.8	0.7	21.7	76.8	0	0.00	0	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 20 (DNR # 720)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
3/19/2021	57	30.5	774.7	R	-0.6	-0.2	59	0	0	21.4	78.6	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	-0.2	35	0	0.1	21.7	78.2	0	0.00	0	Valve Closed
5/19/2021	65	30.01	762.25	R	0	0	71	7.6	4.3	17.2	70.9	0	0.00	0	Valve Closed
6/16/2021	80	30.03	762.762	R	0.1	0	88	50.7	20.3	1	28	12	6.08	8	Valve Closed
9/13/2021	67	29.97	761.238	R	-0.5	-0.5	75	55.8	26.1	0.1	18	11	6.14	11	Valve Open
12/2/2021	41	29.89	759.206	R	-0.1	-0.056	58	0	0.1	20.9	79	0	0.00	0	Valve Closed

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 21 (DNR # 721)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
1/10/2012	48	29.85 F			-17.80	0.10	62.00	32.80	28.30	0.00	38.90				
2/17/2012	40	29.97 S			-17	0.1	58	29.1	26.4	0	44.5				
3/27/2012	68	28.54 R			-16.00	1.10	62.00	17.20	24.10	0.20	58.80				
4/18/2012	60	28.75			-10.7	0	54	25	24.1	0.7	50.2				Valve Open
5/29/2012	60	28.65S			-10.9	-0.3	56	2.5	3.2	20.6	73.7				Valve Open
6/25/2012	77	28.98S			-4.7	-0.9	59	21.8	27.2	0.6	50.4	31	6.758		Valve Open
7/18/2012	74	28.76S			-8.6	-1.5	61	19.8	27.5	0.7	52	32	6.336		Valve Open
8/7/2012	85	28.86S			-6.9	-1.3	71	21.1	27.7	0.5	50.7	32	6.752	36	Valve Open
9/10/2012	69	28.89F			-3.1	-0.6	68	14.4	25.4	0.5	59.7	25	3.6		Valve Open
10/1/2012	62	28.77S			-6.1	-1.4	68	11	24.9	0.6	63.5	36	3.96		
10/22/2012	60	28.76R						40.4	31.1	3.3	25.2				Blower Off
10/31/2012	40	30.00F						44	29.4	0.2	26.4				Blower Off
11/13/2012	36	30.15F						6	17.1	2.4	74.5				Blower Off
12/19/2012	28	29.99S						0	0	21.6	78.4				Blower Off
1/2/2013	14	29.95S						61.2	33	0.3	5.5				Blower Off
1/15/2013	22	29.00S						21.6	26	0.3	52.1				Blower Off
2/8/2013	16	30.36S						6.2	13.3	7	73.5				Blower Off
2/12/2013	26	29.90F						13	23.4	0.2	63.4				Blower Off
3/28/2013	32	30.34S						44.5	30.3	0.3	24.9				Blower Off
4/29/2013	55	28.60F						27.3	24.3	0.1	48.3				Blower Off
5/13/2013	50	28.81S						52.8	30.4	0	16.8				Blower Off
6/18/2013	65	28.93S			-0.4	-0.2	62	44.4	31.2	0.2	24.2	5	2.22	6	Valve Open
7/17/2013	90	29.09S			-2.4	-0.6	65	21.7	28.7	0.1	49.5				Valve Open
8/13/2013	70	29.02S			-0.9	-0.1	66	24.1	29.1	0.1	46.7	26	6.266	27	Valve Open
9/11/2013	82	28.86S			-0.5	-0.2	73	32.2	29.3	0.1	38.6	18	5.796	18	Valve Open
10/8/2013	64	28.73F			-1.5	-0.5	64	18.2	29	0.1	52.7	19	3.458	17	Valve Open
11/19/2013	26	29.01F			-1.2	-0.2	61	15.8	26.7	0.1	57.4				Valve Open
12/18/2013	26	28.62F			0	0	32	57.4	32	0.1	10.5	40	22.96	40	Valve Open
1/15/2014	3	28.92F			-2.8	-0.7	60	10.7	25.6	1.1	62.6	31	3.317	33	Valve Open
2/18/2014	33	28.42S			-0.9	-0.5	55	12.8	22.4	0.3	64.5	24	3.072	32	Valve Open
3/11/2014	37	28.69R			-0.9	-0.6	53	7.7	20.6	1.6	70.1	15	1.155	29	Valve Open
4/22/2014	45	28.96S			-4.8	-1.8	58	9.6	21.2	0.6	68.6	38	3.648	55	Valve Open
5/14/2014	46	29.10S			-1.3	-0.6	55	18.1	23.2	0	58.7	35	6.335	33	Valve Open
6/16/2014	82	28.77S			-0.2	-0.1	62	38.7	23.9	0.1	37.3	42	16.254	39	Valve Open
7/15/2014	61	29.94F			-0.5	-0.4	61	36.7	25.3	0.1	37.9	32	11.744	34	Valve Open
8/5/2014	67	29.07S			-0.4	-0.3	65	31.7	25.6	0.1	42.6	35	11.095	35	Valve Open
9/19/2014	64	28.75F			-0.6	-0.4	63	18	24	0.2	57.8				Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 21 (DNR # 721)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
10/9/2014	55	30.19S			-0.9	-0.6	63	15.1	23.2	0.9	60.8	10	1.51	32	Valve Open
11/25/2014	22	28.91R			-0.5	-0.5	43	11.2	22.3	3.5	63				Valve Open
12/18/2014	22	29.16S			0	0	28	39.8	27.9	2	30.3				Valve Open
1/19/2015	29	28.79F			0.1	0.1	31	57	32.4	0.4	10.2				Valve Open
3/20/2015	40	28.88S			0	0	43	32.1	20.5	8.3	39.1	20	6.42	20	Valve Open
4/7/2015	37	29.03S			0	0	42	33.8	21.3	7.8	37.1	26	8.788	26	Valve Open
5/5/2015	67	29.06S			-0.2	-0.2	78	0.4	0.3	21.5	77.8	25	0.1	25	Valve Open
6/16/2015	70	29.08S			-2.7	-2.4	73	9.2	19.1	1.9	69.8	57	5.244	60	Valve Open
7/15/2015	70	30.05S			-1.8	-1.8	88	0	0.6	19.3	80.1	45	0	45	Valve Open
8/4/2015	75	28.89S			-4.3	-3.8	71	8.4	19.6	1.7	70.3	74	6.216	74	Valve Open
9/16/2015	80	28.75F			-2.6	-2.8	76	9.2	20.3	1.2	69.3	55	5.06	55	Valve Open
10/15/2015	54	28.90R			-2	-1.8	73	8.7	21.8	1.1	68.4	33	2.871	23	Valve Open
11/6/2015	42	29.99R			-3.5	-3.1	73	9.1	21.6	1.5	67.8	36	3.276	41	Valve Open
12/21/2015	36	28.70S			-1.7	-1.3	63	11	23.3	1.4	64.3	22	2.42		Valve Open
1/7/2016	32	29.98F			-1.4	-1.2	62	8.4	21.4	1.3	68.9			49	Valve Open
2/1/2016	26	28.87R			-2.1	-1.4	63	6.6	19.7	2.1	71.6	23	1.518	19	Valve Open
3/17/2016	40	28.69S			-0.5	-0.5	42	0	0.1	21.5	78.4				Valve Open
4/4/2016	33	29.23R			-0.9	-0.9	42	0.2	0.3	21.3	78.2	34	0.068	34	Valve Open
5/12/2016	46	28.89S			-1	-1	60	1.9	2.2	19.6	76.3	37	0.703	37	Valve Open
6/15/2016	70	28.65	727.71	F	-0.7	-0.7	77	14.8	19.4	7.3	58.5	77	11.396	79	Valve Open
7/21/2016	86	28.89	733.81	F	-0.2	-0.2	100	5.6	4.3	16.7	73.4	28	1.568	28	Valve Open
8/9/2016	82	28.84	732.54	S	0	0	89	17.9	12.9	10.3	58.9	22	3.938	22	Valve Open
9/20/2016	73	29.05	737.87	R	0	0.1	90	14.4	9.2	13.3	63.4	23	3.312	23	Valve Open
11/9/2016	58	29.15	740.41	F	0	-0.5	62	0.2	0.1	20.3	79.4			15	Valve Closed
12/1/2016	33	28.77	730.76	R		-0.8	38	1.4	1.8	19.4	77.4				Valve Closed
1/16/2017	23	28.95	735.33	R	-20.4	-4.3	-	0.4	0.2	21.5	77.9	262	1.048	122	Valve Closed
2/13/2017	44	28.8	731.52	F	0	-0.1	62	39.5	29	0.3	31.2	33	13.035	40	Valve Open
3/28/2017	38	29.12	739.65	S	-0.9	-0.9	50	0	0	21.1	78.9				Valve Closed
4/11/2017	34	30.25	768.35	S	-0.8	-0.8	45	0	0.1	20.7	79.2		0		Valve Closed
5/8/2017	60	28.85	732.79	F	0	0	72	0.8	0.9	20.2	78.1	13	0.104	13	Valve Closed
6/5/2017	77	30	762	S	-0.6	-0.6	78	0	0	20.7	79.3	13	0	13	Valve Open
7/21/2017	75	29.91	759.71	F	-0.2	-0.2	73	0	0	20.1	79.9	4	0	3	Valve Closed
8/15/2017	65	30.01	762.25	S	-0.3	-0.3	79	0.1	0	19.7	80.2	21	0.021	20	Valve Closed
9/6/2017	60	30.14	765.56	S	1.1	-2.7	69	0.2	0.2	20.1	79.5				Valve Closed
10/9/2017	48	28.95	735.33	S	1.4	1.4	62	5.2	3.2	18	73.6				Valve Open
11/2/2017	36	29.88	758.95	R	-0.5	-0.5	38	0	0	21.5	78.5				Valve Open
12/1/2017	40	30.03	762.762	F	-0.1	-0.1	48	0.1	0	21.2	78.7	14	0.014	14	Valve Open

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 21 (DNR # 721)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
*1/8/2018	26	29.97	761.238	R	-0.1	-0.1	39	1.6	1.7	20.3	76.4				Valve Open
2/15/2018	32	28.7	728.98	R	-0.4	-0.3	39	0.1	0	19.8	80.1				Valve Closed
3/14/2018	25	28.89	733.806	s	-1.2	0	52	45.8	29.9	0.9	23.4			72	Valve Open
4/12/2018	38	29.73	755.142	S	-0.1	0	46	1.5	1.5	20.7	76.3				Valve Closed
5/10/2018	48	30.07	763.778	S	-0.2	-2.6	61	0.1	0	21	78.9				Valve Closed
*6/19/2018	59	28.98	736.092	S	0	0	63	47.3	29.2	1.2	22.3				Valve Open
7/10/2018	84	29.17	740.918	S	0	0	76	0.1	1.4	19.5	79				Valve Closed
8/14/2018	67	29.98	761.492	S	0	0	92	8.6	9.1	12.4	69.9	5	0.43	5	Valve Closed
*9/24/2018	60	29.95	760.73	S	0	0	83	23.1	23.6	2	51.3	15	3.465	15	Valve Open
*10/15/2018	34	30.2	767.08	S	-0.2	-0.2	41	16.6	11.7	14.5	57.2				Valve Open
11/20/2018	19	30.1	764.54	F	0.1	0	33	40.6	28.4	4	27				Valve Open
12/28/2018	22	28.86	733.04	S	-0.9	-1.3	22	0.6	1.7	21.3	76.4	20	0.12	20	Valve Closed
*1/7/2019	37	29.51	749.55	S	-0.6	-0.6	38	56	32.8	1.8	9.4	45	25.20	45	Valve Open
2/13/2019	13	29.98	761.49	S	0	0	29	46.3	29.5	2.8	21.4	88	40.74	89	Valve Open
3/20/2019	35	29.89	759.21	S	-0.1	-0.1	38	67.4	31.9	0.5	0.2	9	6.07	9	Valve Open
4/8/2019	60	29.74	755.40	F	0	0	67	33.6	22.2	6.2	38	25	8.40	25	Valve Open
5/14/2019	61	29.95	760.73	S	-0.5	-0.6	74	0.1	0.1	20.1	79.7	53	0.05	53	Valve Closed
6/18/2019	70	29.99	761.75	S	-0.4	-0.5	77	0.2	0	20.6	79.2	54	0.11	54	Valve Closed
7/24/2019	71	30.2	767.08	F	-0.5	-0.5	90	0.4	0.6	20.2	78.8	53	0.21	53	Valve Closed
8/14/2019	70	30.08	764.03	S	-1	-0.9	80	14.7	11.7	11.7	61.9	54	7.94	56	Valve Open
9/20/2019	67	30.08	764.03	S	-0.4	-0.4	88	49.1	29.2	0.7	21	55	27.01	55	Valve Open
10/18/2019	52	29.79	756.67	S	-0.4	-0.4	61	1.2	4.7	17.8	76.3	49	0.59	49	Valve Closed
11/22/2019	25	29.33	744.98	S	-0.6	-0.6	-	5.3	10.1	15.3	69.3	44	2.33	44	Valve Open
12/4/2019	31	28.87	733.30	R	-0.6	-0.6	-	15.1	12.8	12.5	59.6	47	7.10	47	Valve Open
1/7/2020	23	30	762.00	R	-0.6	-0.7	-	18.4	12.8	13	55.8	52	9.57	51	Valve Open
2/25/2020	45	29.42	747.27	R	0	0	-	14.3	13.7	10.9	61.1	0	0.00	0	Valve Open
3/17/2020	40	30.27	768.86	R	0	0	44	23.7	15.9	9.5	50.9	0	0.00	0	Valve Open
4/21/2020	40	30.02	762.51	R	0	0	46	17.5	12.1	11.2	59.2	0	0.00	0	Valve Open
5/29/2020	77	29.91	759.71	F	0	0	-	2.8	1.9	19.4	75.9	0	0.00	0	Valve Closed
6/5/2020	70	31.15	791.21	S	0	0	-	0.5	0.2	20.5	78.8	6	0.03	7	Valve Closed
7/28/2020	72	29.92	759.968	S	0.1	0	93	46.2	24.2	2.9	26.7	13	6.01	13	Valve Open
8/11/2020	73	30.01	762.254	S	0	0	93	0.8	1.3	19.2	78.7	21	0.17	94	Valve Closed
9/29/2020	54	29	736.6	S	0	-0.1	72	39.8	26.5	2.5	31.2	29	11.54	29	Valve Opened
10/6/2020	56	29.84	757.936	F	0	0	76	2.5	5.4	16	76.1	15	0.38	15	Valve Closed
11/5/2020	35	29.05	737.87	S	0	0	72	0.2	0.5	20.9	78.4	25	0.05	6	Valve Closed
12/10/2020	40	29.94	760.476	S	0	-0.1	52	0.2	2.2	20.1	77.5	0	0.00	0	Valve Closed
1/18/2021	21	29.9	759.46	R	0	-0.2	30	0.4	2.8	21.4	75.4	0	0.00	0	Valve Closed

TABLE 7
GAS EXTRACTION WELL HEAD MONITORING
Junker Sanitary Landfill FID # 656026800

WELL NUMBER: GEW- 21 (DNR # 721)

DATE	AMBIENT TEMP	BARO PRESS	BARO PRESS	BARO PRESS TREND	LATERAL PRESS	WELL HEAD PRESSURE	GAS TEMP	METHANE	CARBON DIOXIDE	OXYGEN	BALANCE GAS	INITIAL GAS FLOW	METHANE FLOW	ADJ GAS FLOW	COMMENTS/ ADJ VALVE POSITION
	°F	in Hg	mm Hg		in H2O	in H2O	°F	% CH4	% CO2	% O2	%	cfm	cfm	cfm	
2/2/2021	20	30.32	770.128	F	-0.1	0	24	0.2	4.3	20.3	75.2	0	0.00	0	Valve Closed
3/19/2021	57	30.5	774.7	R	-1.3	-0.2	48	0	0	21.4	78.6	0	0.00	0	Valve Closed
4/13/2021	35	28.94	735.08	R	0	0	41	1	11	12.2	75.8	0	0.00	0	Valve Closed
5/19/2021	65	30.01	762.25	R	0	0	74	21.7	15.3	9	54	0	0.00	0	Valve Open
6/16/2021	80	30.03	762.762	R	0.1	0.1	97	13.6	11.5	11	63.9	18	2.45	19	Valve Open
9/13/2021	67	29.97	761.238	R	-0.6	-0.6	75	43.3	25.6	2.7	28.4	9	3.90	9	Valve Open
12/2/2021	41	29.89	759.206	R	0	-0.05	44	7	10.4	12.7	69.9	0	0.00	0	Valve Open

R: Rising; S: Same; F: Falling

*Manually restarted blower system

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-1	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/18/2013	Valve closed	
	12/1/2016	Opened valve	
	6/5/2017	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	12/28/2018	Closed valve	
	3/20/2019	Opened valve	
	6/18/2019	Closed valve	
	9/20/2019	Opened valve	
	6/5/2020	Closed valve	
GEW-2	6/25/2012	Valve closed	
	9/10/2012	Opened valve 1/4 turn	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	9/11/2013	Closed valve	
	12/1/2016	Opened valve 1/4 turn	
	9/6/2017	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	12/28/2018	Closed valve	
	3/20/2019	Opened valve	
	6/18/2019	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve	
	3/17/2020	Opened valve	
	6/5/2020	Closed valve	
12/2/2021	BROKEN		

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-3	4/18/2012	Valve open	
	6/25/2012	Closed valve	
	7/18/2012	Opened valve	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	9/11/2013	Closed valve	
	11/9/2016	Opened valve	
	3/28/2017	Closed valve	
	9/6/2017	Opened valve	
	10/9/2017	Closed valve	
	11/2/2017	Opened valve	
	2/15/2018	Closed valve	
	3/14/2018	Opened valve	
	4/12/2018	Closed valve	
	9/24/2018	Opened valve	Gas buildup due to automatic shut down of the system
	10/15/2018	Closed valve	
	1/7/2019	Opened valve	Gas buildup due to automatic shut down of the system
	2/13/2019	Closed valve	
	3/20/2019	Opened valve	
	6/18/2019	Closed valve	
	7/24/2019	Opened valve	
	8/14/2019	Closed valve	
	9/20/2019	Opened valve	
	10/18/2019	Closed valve	
	11/22/2019	Opened valve	
	1/7/2020	Closed valve	
7/28/2020	Opened valve		
8/11/2020	Closed valve		
9/29/2020	Opened valve		
10/6/2020	Closed valve		
9/13/2021	Opened valve		
10/8/2021	Closed valve		
GEW-4	6/25/2012	Valve closed	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/18/2013	Opened valve	
	9/11/2013	Closed valve	
	6/16/2015	Opened valve	
	9/16/2015	Closed valve	
	12/1/2016	Opened valve	
	6/5/2017	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	12/28/2018	Closed valve	Blower running smoothly
	3/20/2019	Opened valve	
	6/18/2019	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve	
	3/17/2020	Opened valve, VALVE BROKEN	

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE	
GEW-5	3/27/2012	Closed valve	Flange broken	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12	
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13	
	6/18/2013	Opened valve		
	7/17/2013	Closed valve		
	8/13/2013	Opened valve		
	3/28/2017	Closed valve		
	5/8/2017	Opened valve		
	7/21/2017	Closed valve		
	9/6/2017	Opened valve		
	10/9/2017	Closed valve		
	11/2/2017	Opened valve		
	7/10/2018	Closed valve		
	8/14/2018	Opened valve		
	5/14/2019	Closed valve		
	6/18/2019	Opened valve		
	12/4/2019	Closed valve		
	6/5/2020	VALVE BROKEN		
	GEW-6	4/18/2012	Valve open	
		10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
4/29/2013		Replaced cap and closed lid	System back on 5/22/13	
9/11/2013		Closed valve		
6/16/2014		Opened valve		
3/28/2017		Closed valve		
5/8/2017		Opened valve		
6/5/2017		Closed valve		
10/9/2017		Opened valve		
11/2/2017		Closed valve		
12/1/2017		Opened valve		
6/19/2018		Closed valve		
8/14/2018		Opened valve		
12/28/2018		Closed valve		
1/7/2019		Opened valve	Gas buildup due to automatic shut down of the system	
4/21/2020		Closed valve		
7/28/2020		Opened valve		
8/11/2020		Closed valve		
9/29/2020		Opened valve		
5/19/2021		Closed valve		
6/16/2021		Opened valve		
7/8/2021		Closed valve		
8/10/2021		Opened valve		
12/2/2021	Closed valve			
1/31/2022	Opened valve			

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-7	2/17/2012	Valve open	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	9/11/2013	Closed valve	
	9/19/2014	Opened valve	
	3/28/2017	Closed valve	
	11/2/2017	Opened valve	
	?	VALVE BROKEN	
	9/20/2019	Opened valve	Valve fixed
	11/22/2019	Closed valve	
	7/28/2020	Opened valve	
	8/11/2020	Closed valve	
	9/29/2020	Opened valve	
	11/5/2020	Closed valve	
	12/10/2020	Opened valve	
	4/13/2021	Closed valve	
	6/16/2021	Opened valve	
	7/8/2021	Closed Valve	
	8/10/2021	Opened valve	
	12/2/2021	Closed valve	
1/31/2022	Opened valve		
GEW-8	2/17/2012	Valve closed	
	7/18/2012	Opened three full turns	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/18/2013	Valve open	
	5/14/2019	Closed valve	
	6/18/2019	Opened valve	
	9/20/2019	Closed valve	
	2/25/2020	Opened valve	
	4/21/2020	Closed valve	
	5/28/2020	Opened valve	
	7/28/2020	Closed valve	
	4/13/2021	Opened valve	
12/2/2021	Closed valve		

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-9	4/18/2012	Valve open	
	6/25/2012	Closed Valve	
	7/18/2012	Opened valve	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/18/2013	Valve open	
	6/18/2019	Closed valve	
	7/24/2019	Opened valve	
	9/20/2019	Opened valve	
	10/18/2019	Closed Valve	
	12/4/2019	Opened valve	
	1/7/2020	Closed Valve	
	2/25/2020	Opened valve	
	7/28/2020	Closed valve	
	10/6/2020	Opened valve	
	11/5/2020	Closed Valve	
	12/10/2020	Opened valve	
1/18/2021	Closed Valve		
4/13/2021	Opened valve		
GEW-10	4/18/2012	Valve open	
	6/25/2012	Closed valve	
	7/18/2012	Opened valve	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/5/2017	Closed valve	
	7/21/2017	Opened valve	
	?	VALVE BROKEN	
	9/20/2019	Valve closed	Valve fixed
	10/18/2019	Opened valve	
	11/22/2019	Closed valve	
	2/25/2020	Opened valve	
	4/21/2020	Closed valve	
	7/28/2020	Opened valve	
	10/6/2020	Closed valve	
	6/16/2021	Opened valve	
	7/8/2021	Closed Valve	
8/10/2021	Opened valve		
12/2/2021	Closed valve		
1/31/2022	Opened valve		

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-11	4/18/2012	Valve closed	
	7/23/2012	Opened 3 full turns	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	5/8/2017	Closed valve	
	7/21/2017	Opened valve	
	4/12/2018	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	7/10/2018	Closed valve	
	9/24/2018	Opened valve	Gas buildup due to automatic shut down of the system
	11/13/2018	Closed valve	
	1/7/2019	Opened valve	Gas buildup due to automatic shut down of the system
	5/14/2019	Closed valve	
	10/18/2019	Opened valve	
	11/22/2019	Closed valve	
	2/25/2020	Opened valve	
	3/17/2020	Closed valve	
	7/28/2020	Opened valve	
	8/11/2020	Closed valve	
	9/29/2020	Opened valve	
	11/5/2020	Closed valve	
	2/2/2021	Opened valve	
	3/19/2021	Closed valve	
	6/16/2021	Opened valve	
	7/8/2021	Closed Valve	
	8/10/2021	Opened Valve	
	12/2/2021	Closed valve	
	1/31/2022	Opened valve	

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-12	8/7/2012	Opened three full turns	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/18/2013	Valve open	
	2/15/2018	Closed valve	
	3/14/2018	Opened valve	
	6/18/2019	Closed valve	
	7/24/2019	Opened valve	
	8/14/2019	1/2 open	
	9/20/2019	Closed valve	
	10/18/2019	Opened valve	
	11/22/2019	Closed valve	
	1/7/2020	Opened valve	
	4/21/2020	Closed valve	
	6/5/2020	Opened valve	
	7/28/2020	Closed valve	
	10/6/2020	Opened valve	
	11/5/2020	Closed valve	
	12/10/2020	Opened valve	
	1/18/2021	Closed valve	
	2/2/2021	Opened valve	
3/19/2021	Closed valve		
4/13/2021	Opened valve		
12/2/2021	Closed valve		
1/31/2022	Opened valve		
GEW-13	9/10/2012	Valve open	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	3/14/2018	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	3/20/2019	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve	
	3/27/2020	Opened valve	
	6/5/2020	Closed valve	
12/10/2020	Opened valve		
3/19/2021	Closed valve		
GEW-14	6/25/2012	Valve closed	
	9/10/2012	Opened valve 1/4 turn	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	9/11/2013	Closed valve	
	6/16/2015	Opened valve	
	9/16/2015	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve	
3/14/2020	Opened valve		
6/5/2020	Closed valve		

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-15	6/25/2012	Valve closed	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	9/24/2018	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve	
GEW-17	6/25/2012	Valve closed	
	9/10/2012	Opened valve 1/4 turn	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	9/11/2013	Closed valve	
	9/20/2016	Opened valve	
	12/28/2018	Closed valve	
	3/20/2019	Opened valve	
	6/18/2019	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve	
	6/5/2020	VALVE BROKEN	
GEW-18	6/25/2012	Valve closed	
	6/25/2018	Opened valve 1/4 turn	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	9/11/2013	Closed valve	
	6/16/2015	Opened valve	
	9/16/2015	Closed valve	
	9/20/2016	Opened valve	
	3/28/2017	Closed valve	
	12/19/2017	Opened valve	
	6/18/2019	Closed valve	
	9/20/2019	Opened valve	
	12/4/2019	Closed valve?	Valve broken?
3/17/2020	VALVE BROKEN		

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-19	4/18/2012	Valve open	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	7/15/2015	Closed valve	
	8/4/2015	Opened valve	
	5/10/2018	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	12/28/2018	Closed valve	
	1/7/2019	Opened valve	Gas buildup due to automatic shut down of the system
	2/13/2019	Closed valve	
	4/8/2019	Opened valve	
	5/14/2019	Closed valve	
	6/18/2019	Opened valve	
	7/24/2019	Closed valve	
	8/14/2019	1/2 open	
	9/20/2019	Opened valve	
	11/22/2019	Closed valve	
	12/4/2019	Opened valve	
	4/21/2020	Closed valve	
	6/5/2020	Opened valve	
	7/28/2020	Closed valve	
	8/11/2020	Opened valve	
	9/29/2020	Closed valve	
10/6/2020	Opened valve		
11/5/2020	Closed valve		
1/31/2022	Opened valve		
GEW-20	4/18/2012	Valve open	
	6/25/2012	Closed valve	
	7/18/2012	Opened valve	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	5/8/2017	Closed valve	
	7/21/2017	Opened valve	
	5/10/2018	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	7/10/2018	Closed valve	
	8/14/2018	Opened valve	
	5/14/2019	Closed valve	
	9/20/2019	Opened valve	
	10/18/2019	Closed valve	
	11/22/2019	Opened valve	
	12/4/2019	Closed valve	
	1/7/2020	Opened valve	
	5/28/2020	Closed valve	
	7/28/2020	Opened valve	
	8/11/2020	Closed valve	
	9/29/2020	Opened valve	
	12/10/2020	Closed valve	
	8/10/2021	Opened valve	
12/2/2021	Closed valve		
1/31/2022	Opened valve		

TABLE 8
SUMMARY OF GAS EXTRACTION WELL ADJUSTMENTS
Junker Sanitary Landfill FID #656026800

GAS EXTRACTION WELL	DATE	ADJUSTMENT	COMMENTS/REASON FOR CHANGE
GEW-21	4/18/2012	Valve open	
	10/31/2012	Removed cap and propped lid open	System shut down by DNR on 10/5/12
	4/29/2013	Replaced cap and closed lid	System back on 5/22/13
	11/9/2016	Closed valve	
	2/13/2017	Opened valve	
	3/18/2017	Closed valve	
	6/5/2017	Opened valve	
	7/21/2017	Closed valve	
	10/9/2017	Opened valve	
	2/15/2018	Closed valve	
	3/14/2018	Opened valve	
	4/12/2018	Closed valve	
	6/19/2018	Opened valve	Gas buildup due to automatic shut down of the system
	7/10/2018	Closed valve	
	9/24/2018	Opened valve	Gas buildup due to automatic shut down of the system
	12/28/2018	Closed valve	
	1/7/2019	Opened valve	Gas buildup due to automatic shut down of the system
	5/14/2019	Closed valve	
	8/14/2019	Opened valve	
	10/18/2019	Closed valve	
	11/22/2019	Opened valve	
	5/28/2020	Closed valve	
	7/28/2020	Opened valve	
	8/11/2020	Closed valve	
	9/29/2020	Opened valve	
	10/6/2020	Closed valve	
	5/19/2021	Opened valve	
	7/8/2021	Closed Valve	
	8/10/2021	Opened Valve	
	1/31/2022	Closed valve	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 1A (DNR # 771)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND in Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS	
1/10/2012	48	29.85F			0.11	0.0		2.8	18.0	79.2		
3/27/2012	68	28.54 R			0.03	0.0		1.8	19.2	79.0		
6/13/2012	68	28.96S			0.08	0.0		0.0	20.5	79.5		
9/10/2012	69	28.89F			0.06	0.0		3.7	18.4	77.9		
10/31/2012	40	30.00F			0.01	0.0		3.1	18.7	78.2	Blower off	
11/19/2012	50	30.06S			0.24	0		4.3	17.0	78.7	Blower off	
12/7/2012	34	30.03S			-0.11	0.0		0.2	20.6	79.2	Blower off	
3/27/2013	38	30.34S			-0.02	0.0		0.0	20.6	79.4	Blower off	
6/20/2013	80	28.85S			0	0.0		0.7	19.2	80.1		
9/17/2013	70	28.95F			0.16	0.0		3.5	17.7	78.8		
12/18/2013	26	28.62F			-0.33	0.0		3.9	18.5	77.6		
3/18/2014	30	29.78S			Buried under a snow drift							
6/10/2014	69	28.85F			-0.17	0.0		1.6	20.4	80.0		
9/3/2014	62	28.79S			0.21	0.0		1.8	19.8	78.4		
12/12/2014	34	29.00S			0.03	0.0		0.9	21.2	77.9		
3/13/2015	50	28.90S			0.14	0.0		1.3	20.3	78.4		
6/10/2015	74	28.70S			-1.24	0.0		0.2	21.2	78.6		
9/9/2015	69	25.85S			-1.15	0.0		0.2	20.9	78.9		
12/17/2015	27	28.68S			-0.04	0.0		0.3	21.4	78.3		
3/17/2016	40	28.69S			-0.19	0.0		0.1	21.3	78.6		
6/14/2016	68	28.8	731.52	F	-0.48	0.0		3.7	18.2	78.1		
9/20/2016	73	29.08	738.63	R	0.02	0.0		0.5	19.6	79.9		
12/1/2016	33	28.81	731.77	R	0.85	0.1		0.3	20.3	79.3		
3/28/2017	38	29.1	739.14	S		0.0		3.3	18.6	78.1		
6/21/2017	68	29.95	760.73	S	0.43	0.0		0.2	19.7	80.1		
9/22/2017	82	29.9	759.46	S	1.93	0		0.9	19.5	79.6		
12/19/2017	35	28.8	731.52	R	-0.13	0		0	21.1	78.9		
3/14/2018	25	28.89	733.806	s	0.89	0	0	3.9	18.6	77.5		
*6/19/2018	59	28.98	736.092	S	0.16	0	0	2.9	19	78.1		
*9/24/2018	60	29.95	760.73	S	0.2	0.1	2	3.2	17.2	79.5		
12/28/2018	22	28.86	733.04	S	No Flow							
3/20/2019	35	29.89	759.206	S	2.18	0	0	2.8	19.4	77.8		
6/18/2019	70	29.99	761.746	S	3.46	0.1	2	0.6	20.1	79.2		
9/24/2019	58	29.81	757.17	S	1.9	0.1	2	4.1	17.3	78.5		
12/4/2019	31	28.87	733.3	R	No Flow							
3/17/2020	40	30.27	768.86	R	-0.1	0	0	0.4	21.2	78.4		
6/5/2020	70	31.15	791.21	S	0.07	0	0	0.1	20.3	79.6		
9/29/2020	54	29	733.7	S	-0.15	0	0	0	21.1	78.9		
12/10/2020	40	29.94	760.476	S	-0.69	0	0	3.1	19.3	77.6		
3/19/2021	57	30.5	774.7	R	1.52	0	0	0.2	21.3	78.5		
6/16/2021	80	30.03	762.762	R	3.18	0.1	2	1.9	19.7	78.3		
9/13/2021	67	29.97	761.24	R	0	0.1	2	2.3	18.5	79.1		
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.7	79.2		

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 1B (DNR # 772)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND in Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.13	0		2.7	18.8	79.5	
3/27/2012	68	28.54R			0.05	0.0		2.6	18.4	79.0	
6/13/2012	68	28.99S			0.09	0.0		3.1	17.8	79.1	
9/10/2012	69	28.89F			0.11	0.0		3.8	17.7	78.5	
10/31/2012	40	30.00F			0.05	0.0		3.2	18.9	77.9	Blower off
11/19/2012	50	30.06S			0.1	0.0		3.6	18.0	78.4	Blower off
12/7/2012	34	30.03S			-0.1	0.0		3.6	18.2	78.2	Blower off
3/27/2013	38	30.34S			-0.1	0.0		2.7	19.0	78.3	Blower off
6/20/2013	80	28.85S			0	0.0		1.4	18.2	80.4	
9/17/2013	70	28.95F			0.1	0.0		3.0	17.9	79.1	
12/18/2013	26	28.62F			-0.32	22.8		1.8	19.6	55.8	
3/18/2014	30	29.78S						Buried under a snow drift			
6/10/2014	69	28.85F			-0.16	13.9		2.0	19.2	64.9	
9/3/2014	62	28.79S			0.23	0.0		3.3	18.0	78.7	
12/12/2014	34	29.00S			0.05	0.0		1.5	20.7	77.8	
3/13/2015	50	28.90S			0.12	0.0		2.5	19.2	78.3	
6/10/2015	74	28.70S			-5.73	0.0		2.4	18.2	79.4	
9/9/2015	69	25.85S			-1.19	0.3		3.5	16.9	79.3	
12/17/2015	27	28.68S			-0.07	0.0		0.3	18.5	78.1	
3/17/2016	40	28.69S			-0.19	0.0		3.7	18.4	77.9	
6/14/2016	68	28.82	732.03	F	-0.49	0.0		3.3	17.0	79.7	
9/20/2016	73	29.09	738.89	R	0.03	0.0		3.8	15.4	80.8	
12/1/2016	33	28.84	732.54	R	0.78	0.1		4.2	17.2	78.5	
3/28/2017	38	29.15	740.41	S		0.0		0.2	21.0	78.8	
6/21/2017	68	29.95	760.73	S	-0.02	0.0		0.0	19.9	80.1	
9/22/2017	82	29.9	759.46	S	2.33	0.1		3.7	17.2	79	
12/19/2017	35	28.8	731.52	R	-0.05	0.0		2.9	19.5	77.6	
3/14/2018	25	28.89	733.806	s	1.05	0.0	0	1.7	20.3	78.0	
*6/19/2018	59	28.98	736.092	S	-0.01	0	0	2.9	18.7	78.4	
*9/24/2018	60	29.95	760.73	S	0.35	0.1	2	3.2	17.3	79.4	
12/28/2018	22	28.86	733.04	S	-0.99	0.1	2	3.5	19.5	76.9	
3/20/2019	35	29.89	759.206	S	0.82	0	0	2.4	19.2	78.4	
6/18/2019	70	29.99	761.746	S	-0.37	0.1	2	2.5	18.3	79.1	
9/24/2019	58	29.81	757.17	S	1.33	0.1	2	3	17.4	79.5	
12/4/2019	31	28.87	733.3	R				No air flow			
3/17/2020	40	30.27	768.86	R	1.67	0	0	1.2	19.4	79.4	
6/5/2020	70	31.15	791.21	S	-10.11	0	0	0	20.8	79.2	
9/29/2020	54	29	733.7	S	-0.16	0	0	0	21	79	
12/10/2020	40	29.94	760.476	S	0.03	0	0	2.6	19.1	78.3	
3/19/2021	57	30.5	774.7	R	0.39	0	0	2.4	19.2	78.4	
6/16/2021	80	30.03	762.762	R	1.22	0.1	2	0	21.2	78.7	
9/13/2021	67	29.97	761.24	R	0	0.1	2	1.9	18.2	79.8	
12/2/2021	41	29.89	759.206	R	0	0	0	2.6	18.7	78.7	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 2A (DNR # 773)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.01	3.5		15.1	3.0	78.5	
3/27/2012	68	28.54 R			2.00	0.0		5.4	15.8	79.2	
6/13/2012	68	28.96S			0.02	12.7		15.5	4.4	67.4	
8/7/2012	85	28.86S			0.07	0.1		4.8	15.3	79.8	
8/15/2012	69	28.71			0.02	0		3.7	17	79.3	
9/10/2012	69	28.89F			0.02	0.0		4.2	16.3	79.5	
10/22/2012	60	28.76R			0	0.0		5.6	12.7	81.7	
10/31/2012	40	30.00F			0	0.0		8.7	8.3	83.0	Blower off
11/7/2012	39	29.03F			0.01	0.3		9.1	7.6	83.0	Blower off
11/19/2012	50	30.06S			0.03	1.4		12.0	5.2	81.4	Blower off
12/7/2012	34	30.03S			0.03	1.7		12.6	7.1	78.6	Blower off
3/27/2013	38	30.34S			0.02	19.5		23.5	3.2	53.8	Blower off
6/20/2013	80	28.85S			0.54	6.3		8.6	3.8	81.3	
9/17/2013	70	28.95F			0.08	0.0		7.4	10.9	81.7	
12/18/2013	26	28.62F			-0.4	0.3		10.3	9.8	79.6	
3/18/2014	30	29.78S			0.6	0.0		6.4	14.9	78.7	
6/10/2014	69	28.85F			0.99	0.1		3.2	11.7	85.0	
9/3/2014	62	28.79S			0	5.1		13.7	2.8	78.4	
12/12/2014	34	29.00S			0.38	0.6		11.4	6.9	81.1	
3/13/2015	50	28.90S			0.13	6.0		13.1	4.1	76.8	
6/10/2015	74	28.70S			-1.18	0.7		13.9	6.7	78.7	
9/9/2015	69	25.85S			-1.17	0.0		6.2	14.2	79.6	
12/17/2015	27	28.68S			0	0.0		5.5	14.8	79.7	
3/17/2016	40	28.69S			0.01	0.0		3.5	17.6	78.9	
6/14/2016	68	28.83	732.28	F	-0.59	0.0		3.5	16.2	80.3	
9/20/2016	73	29.07	738.38	R	-0.06	0.0		5.5	11.6	82.9	
12/1/2016	33	28.8	731.52	R	0.77	0.1		2.4	19.2	78.3	
3/28/2017	38	29.12	739.65	S		0		2.2	20	77.8	
6/21/2017	68	29.95	760.73	S	0.18	0.0		3.3	15.5	81.2	
9/22/2017	82	29.9	759.46	S	2.11	0		3.8	16.1	80.1	
12/19/2017	35	28.8	731.52	R	-5.05	0.0		0.3	21.4	78.3	
3/14/2018	25	28.89	733.806	s	0.88	0.0	0	8.5	8.1	83.4	
*6/19/2018	59	28.98	736.092	S	0.86	23.2	464	18.2	3.1	55.5	
*9/24/2018	60	29.95	760.73	S	0.16	18.6	372	15.7	3.7	62.0	
12/28/2018	22	28.86	733.04	S	-0.06	16.2	324	19.9	3.5	60.4	
3/20/2019	35	29.89	759.206	S	-0.1	19.9	398	22.6	2.4	55.1	
6/18/2019	70	29.99	761.746	S	0.33	21	420	12.8	3.5	62.7	
9/24/2019	58	29.81	757.17	S	-0.44	9.6	192	11.1	3.6	75.7	
12/4/2019	31	28.87	733.298	R	-0.58	0.1	2	0.2	20.9	78.8	
3/17/2020	40	30.27	768.86	R	0	26.9	538	17.1	3.6	52.4	
6/5/2020	70	31.15	791.21	S	1.4	27.4	548	11.7	3.6	57.3	
9/29/2020	54	29	733.7	S	-0.11	2.3	46	1.9	17	78.8	
12/10/2020	40	29.94	760.476	S	-0.03	6.4	128	6.7	17	69.9	
3/19/2021	57	30.5	774.7	R	0.03	0	0	0.1	21.5	78.4	
6/16/2021	80	30.03	762.762	R	0.08	2.2	44	1	19.8	77	
9/13/2021	67	29.97	761.24	R	0	12.9	>>>>	13	6	68.1	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.8	79.1	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 2B (DNR # 774)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.12	6.7		6.9	12.8	73.6	
3/27/2012	68	28.54 R			1.50	3.4		18.7	0.4	77.1	
6/13/2012	68	28.97S			0.09	0.4		0.3	20.0	79.3	
8/7/2012	85	28.86S			0.83	0.3		0.0	19.4	80.3	
8/15/2012	69	28.71			0.11	0.8		1.2	18.4	79.6	
9/10/2012	69	28.89F			0.07	0.4		0.9	18.9	79.8	
10/22/2012	60	28.76R			0.35	1.9		3.9	16.2	78.0	
10/31/2012	40	30.00F			0.09	3.0		5.3	14.3	77.4	Blower off
11/7/2012	39	29.03F			-0.05	1.7		3.6	17.2	77.5	Blower off
11/19/2012	50	30.06S			0.09	2.8		4.8	15.2	77.2	Blower off
12/7/2012	34	30.03S			-0.01	2.3		3.7	17.8	76.2	Blower off
3/27/2013	38	30.34S			-0.01	5.6		5.7	15.2	73.5	Blower off
6/20/2013	80	28.85S			0.01	11.0		6.5	8.4	74.1	
9/17/2013	70	28.95F			0.2	1.7		2.4	16.9	79.0	
12/18/2013	26	28.62F			-0.3	12.2		14.4	7.9	65.5	
3/18/2014	30	29.78S			-0.31	2.7		3.8	18.0	75.5	
6/10/2014	69	28.85F			-0.14	1.6		1.8	16.8	79.8	
9/3/2014	62	28.79S			-5.17	0.0		9.7	2.8	87.5	
12/12/2014	34	29.00S			-0.05	1.4		3.3	15.5	79.8	
3/13/2015	50	28.90S			0.16	3.0		3.3	16.4	77.3	
6/10/2015	74	28.70S			-1.22	0.0		0.1	20.9	79.0	
9/9/2015	69	25.85S			-0.53	0.1		0.1	20.6	79.2	
12/17/2015	27	28.68S			0.24	0.0		0.1	21.9	78.0	
3/17/2016	40	28.69S			-0.13	0.1		0.4	20.9	78.6	
6/14/2016	68	28.8	731.52	F	-0.58	0.2		1.2	18.7	79.9	
9/20/2016	73	29.07	738.38	R	1.07	0.0		0.9	18.7	80.4	
12/1/2016	33	28.81	731.77	R	-0.23	0.1		0.2	20.0	79.7	
3/28/2017	38	29.12	739.65	S		0		0	21	79	
6/21/2017	68	29.95	760.73	S		0		0.3	19.3	80.4	
9/22/2017	82	29.9	759.46	S		1.92		0.7	18.8	80.5	
12/19/2017	35	28.8	731.52	R		-0.17		0.9	20.4	78.6	
3/14/2018	25	28.89	733.806	s		0.06	62	13.8	2.0	81.1	
*6/19/2018	59	28.98	736.092	S		0.95	10	1.4	18.7	79.4	
*9/24/2018	60	29.95	760.73	S		0.02	20	2.4	16.3	80.3	
12/28/2018	22	28.86	733.04	S		-0.92	4	0.4	21.7	77.7	
3/20/2019	35	29.89	759.206	S		1.39	62	4	16.6	76.3	
6/18/2019	70	29.99	761.746	S		1.11	24	1.8	17.2	79.8	
9/24/2019	58	29.81	757.17	S		-0.32	84	6.2	11.7	77.9	
12/4/2019	31	28.87	733.298	R		2.12	2	0.1	21	78.8	
3/17/2020	40	30.27	768.86	R		-0.03	52	3.1	18.2	76.1	
6/5/2020	70	31.15	791.21	S		0.05	24	1.2	18.2	79.4	
9/29/2020	54	29	733.7	S		0.01	10	18.3	0.1	71.6	
12/10/2020	40	29.94	760.476	S		-4.41	3.8	5.5	15.8	74.9	
3/19/2021	57	30.5	774.7	R		0.02	0	0.1	21.4	78.5	
6/16/2021	80	30.03	762.762	R		0.27	1	1.3	18.6	79.1	
9/13/2021	67	29.97	761.24	R		0	1.3	26	17.1	79.6	
12/2/2021	41	29.89	759.206	R		0	1	1.3	19.5	78.2	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 3 (DNR # 775)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.08	0.0		2.6	18.9	78.5	
3/27/2012	68	28.54 R			0.00	0.0		2.2	19.3	77.1	
6/13/2012	68	28.92S			0.07	0.0		2.8	19.1	78.1	
9/10/2012	69	28.89F			0.02	0.0		3.5	17.9	78.6	
12/7/2012	34	30.03S			-0.02	0.0		3.5	18.9	77.6	Blower off
12/27/2012	20	30.25F			-0.01	0.0		3.4	19.5	77.1	Blower off
1/8/2013	32	29.83F			0.05	0.0		3.3	18.6	78.1	Blower off
1/23/2013	11	30.17S			0.01	0.0		3.4	20.2	76.4	Blower off
3/27/2013	38	30.34S			0.01	0.0		3.1	18.8	78.1	Blower off
4/18/2013	33	28.52F			-0.01	0.0		3.2	19.0	77.8	Blower off
5/13/2013	50	28.81S			-0.01	0.0		2.9	18.1	79.0	Blower off
6/20/2013	80	28.85S			0.73	0.0		2.7	17.6	79.7	
9/17/2013	70	28.95F			0.08	0.0		3.5	17.4	79.1	
12/18/2013	26	28.62F			-0.35	0.0		2.8	19.3	77.9	
3/18/2014	30	29.78S			-0.3	0.0		2.0	20.1	77.9	
6/10/2014	69	28.85F			0.76	0.0		1.7	19.9	78.4	
9/3/2014	62	28.79S			0.13	0.0		3.5	17.9	78.6	
12/12/2014	34	29.00S			-0.03	0.0		2.5	20.3	77.2	
3/13/2015	50	28.90S			0.7	0.0		1.5	20.2	78.3	
6/10/2015	74	28.70S			-1.2	0.0		1.6	19.3	79.1	
9/9/2015	69	25.85S			-1.19	0.0		2.3	18.6	79.1	
12/17/2015	27	28.68S			-0.05	0.0		2.0	19.4	78.6	
3/17/2016	40	28.69S			-0.12	0.0		1.5	20.2	78.3	
6/14/2016	68	28.79	731.27	F	-0.61	0.0		1.7	19.0	79.3	
9/20/2016	73	29.07	738.38	R	0.04	0.0		3.3	16.7	80.0	
12/8/2016	19	29.26	743.20	R	-0.12	0.1		0.4	20.6	78.9	
3/28/2017	38	29.11	739.39	S		0		0.5	20.7	78.8	
6/21/2017	68	29.95	760.73	S	0.02	0.0		1.1	19.3	79.6	
9/22/2017	82	29.9	759.46	S	1.99	0.0		1.9	18.7	79.4	
12/19/2017	35	28.8	731.52	R	-0.1	0		2.3	19.9	77.8	
3/14/2018	25	28.89	733.806	s				Key Broke in Lock			
*6/19/2018	59	28.98	736.092	S	-0.02	0	0	2.1	19.2	78.7	
*9/24/2018	60	29.95	760.73	S	0.09	0.1	2	2.8	17.2	79.9	
12/28/2018	22	28.86	733.04	S	-0.17	0	0	0.1	21.4	78.5	
3/20/2019	35	29.89	759.206	S	-0.19	0	0	0	21	79	
6/18/2019	70	29.99	761.746	S	-0.42	0.1	2	0.1	20.2	79.6	
9/24/2019	58	29.81	757.17	S	-0.4	0.1	2	2.1	17.5	80.3	
12/4/2019	31	28.87	733.298	R	0.53	0.1	2	0	20.9	79	
3/17/2020	40	30.27	768.86	R	3.12	0	0	1.9	19.5	78.6	
6/5/2020	70	31.15	791.21	S	1.85	0	0	0	21.1	78.9	
9/29/2020	54	29	733.7	S	-0.14	0	0	2.2	18.7	79.1	
12/10/2020	40	29.94	760.476	S	-0.31	0	0	0.6	20.8	78.6	
3/19/2021	57	30.5	774.7	R	0.01	0	0	0	21.4	78.6	
6/16/2021	80	30.03	762.762	R	0.09	0.1	2	0.6	20.8	78.5	
9/13/2021	67	29.97	761.24	R	0	0.1	2	1.6	18.3	80	
12/2/2021	41	29.89	759.206	R	0	0	0	0.6	20.3	79.1	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 4A (DNR # 776)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.08	0.0		0.3	20.1	79.6	
4/4/2012	66	28.90 S			0.95	0.0		0.1	21.0	79.0	
6/13/2012	68	28.90S			0.16	0.1		0.0	20.8	79.1	
9/10/2012	69	28.89F			0.03	0.0		0.0	20.2	79.8	
10/31/2012	40	30.00F			0.76	0.0		0.3	20.6	79.1	Blower off
12/7/2012	34	30.03S			0.47	0.0		0.0	21.3	78.7	Blower off
12/27/2012	20	30.25F			0.31	0.0		3.0	18.2	78.8	Blower off
1/8/2013	32	29.83F			0.07	0.0		1.7	19.8	78.5	Blower off
1/23/2013	11	30.17S			0.05	0.0		1.2	19.5	79.3	Blower off
3/27/2013	38	30.34S			0	0.0		0.5	20.1	79.4	Blower off
4/18/2013	33	28.52F			0.67	0.0		0.8	20.0	79.2	Blower off
5/13/2013	50	28.81S			-1.63	0.0		0.7	19.2	80.1	Blower off
6/20/2013	80	28.85S			0.08	0.0		0.0	19.2	80.8	
9/17/2013	70	28.95F			0.12	0.0		0.5	19.1	80.4	
12/18/2013	26	28.62F			-0.33	0.0		2.3	19.0	78.7	
3/18/2014	30	29.78S			-0.27	0.0		0.8	20.5	78.7	
6/10/2014	69	28.85F			0.2	0.0		0.6	21.1	78.3	
9/3/2014	62	28.79S			0.45	0.0		0.5	20.7	78.8	
12/12/2014	34	29.00S			0.01	0.0		0.7	21.3	78.0	
3/13/2015	50	28.90S			0.17	0.0		0.6	20.7	78.7	
6/10/2015	74	28.70S			-1.1	0.0		0.0	21.2	78.8	
9/9/2015	69	25.85S			-1.21	0.0		0.4	20.4	79.2	
12/17/2015	27	28.68S			-0.04	0.0		0.2	21.5	78.3	
3/17/2016	40	28.69S			-0.12	0.0		0.1	21.0	78.9	
6/14/2016	68	28.8	731.52	F	-0.67	0.0		0.3	20.1	79.6	
9/20/2016	73	29.07	738.38	R	-0.01	0.0		0.0	19.7	80.3	
12/29/2016	29	28.83	732.28	R	-1.06	0.1		0.2	20.7	79.0	
3/28/2017	38	29.08	738.63	S		0		0	20.8	79.2	
6/21/2017	68	29.95	760.73	S	0.09	0.1		0.0	20.1	79.8	
9/22/2017	82	29.9	759.46	S	1.91	0		0.1	19.6	80.3	
12/19/2017	35	28.8	731.52	R	-0.05	0		0	20.9	79.1	
3/14/2018	25	28.89	733.806	s	0.07	0	0	0.7	20.4	78.9	
*6/19/2018	59	28.98	736.092	S	0.3	0	0	0.2	20.5	79.3	
*9/24/2018	60	29.95	760.73	S	-11.69	0.1	2	1.7	17.5	80.7	
12/28/2018	22	28.86	733.04	S	-1.12	0	0	0	21.8	78.2	
3/20/2019	35	29.89	759.206	S	0.11	0	0	1.4	19.5	79.1	
6/18/2019	70	29.99	761.746	S	0.3	0	0	0.2	20	79.8	
9/24/2019	58	29.81	757.17	S	-0.17	0.1	2	0.5	19.6	79.8	
12/4/2019	31	28.87	733.298	R	3	0	0	0.3	20.4	79.3	
3/17/2020	40	30.27	768.86	R	1.82	0	0	0.3	20.8	78.9	
6/5/2020	70	31.15	791.21	S	0.08	0	0	0	21.4	78.6	
9/29/2020	54	29	733.7	S	-9.84	0	0	1.1	20.1	78.8	
12/10/2020	40	29.94	760.476	S	-0.19	0	0	0.7	20.6	78.7	
3/19/2021	57	30.5	774.7	R	0.03	0	0	0.1	20.7	79.2	
6/16/2021	80	30.03	762.762	R	1.66	0	0	0.3	20.2	79.5	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.2	20.3	79.4	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.7	79.2	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 4B (DNR # 777)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.12	0.0		0.1	20.4	79.5	
4/4/2012	66	28.90 S			0.13	0.0		0.3	20.6	79.1	
6/13/2012	68	28.90S			0.68	0.0		2.3	19.0	78.7	
9/10/2012	69	28.89F			0.03	0.0		1.6	19.4	79.0	
10/31/2012	40	30.00F			0.95	0.0		1.5	19.9	78.6	Blower off
12/7/2012	34	30.03S			0.8	0.0		1.1	20.7	78.2	Blower off
12/27/2012	20	30.25F			0.79	0.0		2.7	19.0	78.3	Blower off
1/8/2013	32	29.83F			0.04	0.0		2.7	19.2	78.1	Blower off
1/23/2013	11	30.17S			0.01	0.0		2.6	18.8	78.6	Blower off
3/27/2013	38	30.34S			0.11	0.0		0.0	20.7	79.3	Blower off
4/18/2013	33	28.52F			-0.05	0.0		2.4	18.7	78.9	Blower off
5/13/2013	50	28.81S			0.05	0.0		2.3	18.0	79.7	Blower off
6/20/2013	80	28.85S			0.06	0.0		1.8	17.8	80.4	
9/17/2013	70	28.95F			0.05	0.0		2.4	17.9	79.7	
12/18/2013	26	28.62F			-0.36	0.0		2.0	19.5	78.5	
3/18/2014	30	29.78S			-0.28	0.0		1.5	19.4	79.1	
6/10/2014	69	28.85F			-0.23	0.0		1.4	19.9	78.7	
9/3/2014	62	28.79S			0.07	0.0		1.7	19.1	79.2	
12/12/2014	34	29.00S			-0.02	0.0		1.7	20.1	78.2	
3/13/2015	50	28.90S			1.2	0.0		1.4	19.8	78.8	
6/10/2015	74	28.70S			-6.32	0.0		0.0	21.2	78.8	
9/9/2015	69	25.85S			-1.44	0.0		0.2	20.7	79.1	
12/17/2015	27	28.68S			-0.06	0.0		0.2	21.6	78.2	
3/17/2016	40	28.69S			-0.1	0.0		0.0	21.1	78.9	
6/14/2016	68	28.8	731.52	F	-0.64	0.0		0.9	19.8	79.3	
9/20/2016	73	29.05	737.87	R	0.01	0.0		0.0	19.8	80.0	
12/29/2016	29	28.82	732.03	R	-1.02	0.1		0.0	20.9	79.0	
3/28/2017	38	29.08	738.63	S		0		1.9	19.7	78.4	
6/21/2017	68	29.95	760.73	S	0.08	0.1		1.6	18.9	79.4	
9/22/2017	82	29.9	759.46	S	1.5	0		0	19.8	80.2	
12/19/2017	35	28.8	731.52	R	-0.02	0		0	21	79	
3/14/2018	25	28.89	733.806	s	0	0	0	1.9	19.8	78.3	
*6/19/2018	59	28.98	736.092	S	0.94	0	0	1.7	19.4	78.9	
*9/24/2018	60	29.95	760.73	S	-3.26	0.1	2	1.7	17.6	80.6	
12/28/2018	22	28.86	733.04	S	-1.07	0	0	0	21.8	78.2	
3/20/2019	35	29.89	759.206	S	0.05	0	0	1.7	19.4	78.9	
6/18/2019	70	29.99	761.746	S	1.2	0	0	1.6	18.7	79.7	
9/24/2019	58	29.81	757.17	S	-0.34	0.1	2	1.6	18.6	79.7	
12/4/2019	31	28.87	733.298	R	1.1	0	0	0	20.6	79.4	
3/17/2020	40	30.27	768.86	R	-6.25	0	0	1.4	19.7	78.9	
6/5/2020	70	31.15	791.21	S	-5.18	0	0	0	21.4	78.6	
9/29/2020	54	29	733.7	S	-6.35	0	0	1.3	19.3	79.4	
12/10/2020	40	29.94	760.476	S	-0.1	0	0	0.1	21.1	78.8	
3/19/2021	57	30.5	774.7	R	0.04	0	0	1	19.8	79.2	
6/16/2021	80	30.03	762.762	R	0.8	0	0	1	19.4	79.6	
9/13/2021	67	29.97	761.24	R	0	0.1	2	1.3	18.9	79.7	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.7	79.2	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 5S (DNR # 778)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.04	0.0		1.6	18.5	79.9	
3/27/2012	68	28.54 R			0.00	0.0		2.4	17.8	79.8	
6/13/2012	68	28.95S			0.04	0.0		0.4	19.8	79.8	
8/7/2012	85	28.86S			0.03	0.0		1.0	19.0	80.0	
8/15/2012	69	28.71			0.03	0.0		1.4	18.4	80.2	
9/10/2012	69	28.89F			0.07	0.0		0.5	19.4	80.1	
10/22/2012	60	28.76R			-0.01	0.0		0.7	19.6	79.7	
10/31/2012	40	30.00F			0.03	0.0		1.6	19.7	78.7	Blower off
11/7/2012	39	29.03F			0.02	0.0		0.9	19.8	79.3	Blower off
12/7/2012	34	30.03S			0.01	0.0		1.0	20.2	78.8	Blower off
12/27/2012	20	30.25F			0.01	0.0		1.4	19.8	78.8	Blower off
1/8/2013	32	29.83F			0.04	0.0		2.8	18.6	78.6	Blower off
1/23/2013	11	30.17S			0.01	0.0		1.3	19.8	78.9	Blower off
2/12/2013	26	29.90F			0.13	0.0		0.5	20.0	79.5	Blower off
3/27/2013	38	30.34S			0	0.0		1.4	19.2	79.4	Blower off
4/18/2013	33	28.52F			-0.01	0.0		3.1	17.6	79.3	Blower off
5/13/2013	50	28.81S			0.07	0.0		1.2	18.7	80.1	Blower off
6/20/2013	80	28.85S			0.04	0.0		0.8	18.0	81.2	
9/17/2013	70	28.95F			0.03	0.0		0.4	18.9	80.7	
12/18/2013	26	28.62F			0.63	0.0		2.0	19.0	79.0	
3/18/2014	30	29.78S			-0.29	0.0		2.1	18.4	79.5	
6/10/2014	69	28.85F			0.05	0.0		1.3	19.7	80.0	
9/3/2014	62	28.79S			0.12	0.0		0.6	20.2	79.2	
12/12/2014	34	29.00S			0.02	0.0		2.3	18.2	79.5	
3/13/2015	50	28.90S			0.26	0.0		0.7	20.4	78.9	
6/10/2015	74	28.70S			-1.1	0.0		0.3	20.4	79.3	
9/9/2015	69	25.85S			-1.18	0.0		0.2	20.6	79.2	
12/17/2015	27	28.68S			-0.01	0.0		0.1	21.5	78.4	
3/17/2016	40	28.69S			-0.08	0.0		0.3	21.2	78.5	
6/14/2016	68	28.8	731.52	F	-0.55	0.0		0.5	19.6	79.9	
9/20/2016	73	29.07	738.38	R	0.06	0.0		0.1	19.5	80.4	
12/8/2016	19	29.26	743.20	R	-0.09	0.1		0.1	21.0	78.8	
1/16/2017	23	28.96	735.58	F	1.28	0.1		0.1	22.4	77.4	
3/28/2017	38	29.12	739.65	S		0		0	21	79	
6/21/2017	68	29.95	760.73	S	0.04	0.0		0.0	20.1	79.9	
9/22/2017	82	29.9	759.46	S	1.51	0		0.2	19.5	80.3	
12/19/2017	35	28.8	731.52	R	-0.08	0.0		0.1	20.9	79.0	
3/14/2018	25	28.89	733.806	s	0.08	0	0	1.3	20.3	78.4	
*6/19/2018	59	28.98	736.092	S	0.56	0	0	0.2	20.2	79.6	
*9/24/2018	60	29.95	760.73	S	0.09	0.1	2	0.6	18.9	80.4	
12/28/2018	22	28.86	733.04	S	-0.3	0	0	0.2	20.3	79.5	
3/20/2019	35	29.89	759.21	S				Could not access			
6/18/2019	70	29.99	761.75	S	-0.44	0	0	0.3	19.3	80.4	
9/24/2019	58	29.81	757.17	S	-0.4	0.1	2	1	18.1	80.8	
12/4/2019	31	28.87	733.30	R	-0.79	0	0	0.3	20.8	78.9	
3/17/2020	40	30.27	768.86	R	-4.5	0	0	2.2	16.8	81	
6/5/2020	70	31.15	791.21	S	0.03	0	0	0.4	19.9	79.7	
9/29/2020	54	29	733.70	S	-0.12	0	0	0.8	19.3	79.9	
12/10/2020	40	29.94	760.48	S	-0.04	0	0	1	19.5	79.5	
3/19/2021	57	30.5	774.70	R	0.08	0	0	0.9	19.7	79.4	
6/16/2021	80	30.03	762.76	R	0.19	0.1	2	0.3	20.5	79.1	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.6	19.3	80	
12/2/2021	41	29.89	759.206	R	0	0	0	1.5	18.6	79.9	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 5M (DNR # 779)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS	
1/10/2012	48	29.85F			0.08	0.0		1.3	18.9	79.8		
3/27/2012	68	28.54 R			-1.00	0.0		0.0	20.6	79.4		
6/13/2012	68	28.96S			0.09	0.0		0.0	20.6	79.4		
8/7/2012	85	28.86S			0.01	0.0		0.2	19.9	79.9		
8/15/2012	69	28.71			0.08	0.0		0.7	19.1	80.2		
9/10/2012	69	28.89F			0.08	0.0		0.0	20.0	80.0		
10/22/2012	60	28.76R			0	0.0		0.0	20.4	79.6		
10/31/2012	40	30.00F			0.07	0.0		1.0	20.4	78.6	Blower off	
11/7/2012	39	29.03F			-0.01	0.0		0.0	20.7	79.3	Blower off	
12/7/2012	34	30.03S			-0.04	0.0		0.0	21.2	78.8	Blower off	
12/27/2012	20	30.25F			0.04	0.0		1.5	20.0	78.5	Blower off	
1/8/2013	32	29.83F			0.88	0.0		5.0	13.9	81.1	Blower off	
1/23/2013	11	30.17S			Frozen - couldn't sample							Blower off
2/12/2013	26	29.90F			1.64	0.0		4.9	13.7	81.4	Blower off	
3/27/2013	38	30.34S			0.08	0.0		0.5	19.8	79.7	Blower off	
4/18/2013	33	28.52F			0.15	0.0		2.3	18.2	79.5	Blower off	
5/13/2013	50	28.81S			1.12	0.0		0.0	19.9	80.1	Blower off	
6/20/2013	80	28.85S			0.03	0.0		0.0	19.0	81.0		
9/17/2013	70	28.95F			0.14	0.0		0.0	19.7	80.3		
12/18/2013	26	28.62F			-0.33	0.0		5.2	14.6	80.2		
3/18/2014	30	29.78S			1.44	0.0		0.6	20.0	79.4		
6/10/2014	69	28.85F			-0.24	0.0		0.9	20.3	78.8		
9/3/2014	62	28.79S			0.45	0.0		0.2	20.9	78.9		
12/12/2014	34	29.00S			0.05	0.0		1.0	20.4	78.6		
3/13/2015	50	28.90S			0.3	0.0		0.6	20.8	78.6		
6/10/2015	74	28.70S			-6.1	0.0		0.0	20.9	79.1		
9/9/2015	69	25.85S			-1.23	0.0		0.1	20.8	79.1		
12/17/2015	27	28.68S			-0.07	0.0		0.1	21.6	78.3		
3/17/2016	40	28.69S			-0.12	0.0		0.0	21.5	78.5		
6/14/2016	68	28.8	731.52	F	-0.5	0.0		0.5	19.7	79.8		
9/20/2016	73	29.7	754.38	R	0.04	0.0		0.0	19.7	80.3		
12/8/2016	19	29.26	743.20	R	-0.22	0.1		0.1	21.0	78.8		
1/16/2017	23	28.95	735.33	F	0.39	0.1		1.0	21.0	77.9		
3/28/2017	38	29.11	739.39	S		0		0	21.1	78.9		
6/21/2017	68	29.95	760.73	S	0.18	0.0		0.0	20.2	79.8		
9/22/2017	82	29.9	759.46	S	1.49	0		0	19.8	80.2		
12/19/2017	35	28.8	731.52	R	-0.18	0		0	20.9	79.1		
3/14/2018	25	28.89	733.806	s	0.02	0	0	1	20.4	78.6		
*6/19/2018	59	28.98	736.092	S	0.16	0	0	0	20.5	79.5		
*9/24/2018	60	29.95	760.73	S	0.21	0.1	2	0.6	19.1	80.2		
12/28/2018	22	28.86	733.04	S	-1.09	0	0	0	20.5	79.5		
3/20/2019	35	29.89	759.21	S	Could not access							
6/18/2019	70	29.99	761.75	S	-0.42	0	0	0.1	19.9	80		
9/24/2019	58	29.81	757.17	S	-0.16	0.1	2	0.8	19.1	80		
12/4/2019	31	28.87	733.30	R	-0.68	0	0	0.5	20.5	79		
3/17/2020	40	30.27	768.86	R	0.03	0	0	3	12.7	84.3		
6/5/2020	70	31.15	791.21	S	-0.03	0	0	0.4	20.2	79.4		
9/29/2020	54	29	733.70	S	-0.08	0	0	1.1	18.9	80		
12/10/2020	40	29.94	760.48	S	-0.02	0	0	1	19.7	79.3		
3/19/2021	57	30.5	774.70	R	0.05	0	0	0.7	20.1	79.2		
6/16/2021	80	30.03	762.76	R	0.32	0.1	2	0.2	20.8	78.9		
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.4	19.7	79.8		
12/2/2021	41	29.89	759.206	R	0	0	0	1.1	19.1	79.8		

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 5D (DNR # 780)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.08	0.0		1.6	18.3	80.1	
3/27/2012	68	28.54 R			0.00	0.0		0.4	20.4	79.2	
6/13/2012	68	28.96S			0.11	0.0		0.0	20.4	79.6	
8/7/2012	85	28.86S			0.03	0.0		0.6	19.6	79.8	
8/15/2012	69	28.71			-3.81	0.0		0.4	19.4	80.2	
9/10/2012	69	28.89F			0.1	0.0		0.0	19.9	80.1	
10/22/2012	60	28.76R			0	0.0		0.0	20.3	79.7	
10/31/2012	40	30.00F			0.04	0.0		3.0	17.9	79.1	Blower off
11/7/2012	39	29.03F			0	0.0		0.0	20.7	79.3	Blower off
12/7/2012	34	30.03S			-0.03	0.0		0.0	21.3	78.7	Blower off
12/27/2012	20	30.25F			0.01	0.0		1.9	19.7	78.4	Blower off
1/8/2013	32	29.83F			0.15	0.0		4.8	15.1	80.1	Blower off
1/23/2013	11	30.17S			0	0.0		3.4	17.9	78.7	Blower off
2/12/2013	26	29.90F			0.28	0.0		0.0	20.6	79.4	Blower off
3/27/2013	38	30.34S			0.1	0.0		0.0	20.4	79.6	Blower off
4/18/2013	33	28.52F			-4.58	0.0		3.3	17.3	79.4	Blower off
5/13/2013	50	28.81S			0.14	0.0		0.0	19.8	80.2	Blower off
6/20/2013	80	28.85S			0.04	0.0		0.2	18.9	80.9	
9/17/2013	70	28.95F			0.13	0.0		0.0	19.5	80.5	
12/18/2013	26	28.62F			-0.37	0.0		5.5	14.4	80.1	
3/18/2014	30	29.78S									Frozen
6/10/2014	69	28.85F			-6.65	0.0		0.9	20.5	78.6	
9/3/2014	62	28.79S			0.04	0.0		2.4	17.5	80.1	
12/12/2014	34	29.00S			0.04	0.0		4.0	15.6	80.4	
3/13/2015	50	28.90S			0.26	0.0		1.0	19.8	79.2	
6/10/2015	74	28.70S			-13.84	0.0		0.0	20.9	79.1	
9/9/2015	69	25.85S			-1.25	0.0		0.1	20.9	79.0	
12/17/2015	27	28.68S			-0.07	0.0		0.1	21.7	78.2	
3/17/2016	40	28.69S			-0.04	0.0		0.0	21.5	78.5	
6/14/2016	68	28.8	731.52	F	-0.51	0.0		1.4	18.6	80.0	
9/20/2016	73	29.7	754.38	R	0.06	0.0		0.2	19.6	80.2	
12/8/2016	19	29.26	743.20	R	-0.22	0.1		0.1	21.1	78.7	
1/16/2017	23	28.95	735.33	F	0.26	0.1		0.0	22.3	77.6	
3/28/2017	38	29.11	739.39	S		0		0	21.2	78.8	
6/21/2017	68	29.95	760.73	S	0.16	0.0		0.1	20.0	79.9	
9/22/2017	82	29.9	759.46	S	1.51	0		0.1	19.8	80.1	
12/19/2017	35	28.8	731.52	R	-0.16	0.0		0.2	21.0	78.8	
3/14/2018	25	28.89	733.806	s	0.09	0	0	2.5	18.4	79.1	
*6/19/2018	59	28.98	736.092	S	0.13	0	0	0.2	20.3	79.5	
*9/24/2018	60	29.95	760.73	S	0.12	0.1	2	1.7	17.7	80.5	
12/28/2018	22	28.86	733.04	S	-0.7	0	0	0.4	20.4	79.2	
3/20/2019	35	29.89	759.21	S							Could not access
6/18/2019	70	29.99	761.75	S	-0.41	0	0	1.2	17.5	81.3	
9/24/2019	58	29.81	757.17	S	1.94	0.1	2	1.4	17.7	80.8	
12/4/2019	31	28.87	733.30	R	-0.65	0.1	2	0.3	21	78.6	
3/17/2020	40	30.27	768.86	R	0.04	0	0	2.2	16.2	81.6	
6/5/2020	70	31.15	791.21	S	1.62	0	0	0.3	20.8	78.9	
9/29/2020	54	29	733.70	S	-6.07	0	0	2	16.9	81.1	
12/10/2020	40	29.94	760.48	S	-0.04	0	0	0.9	19.8	79.3	
3/19/2021	57	30.5	774.70	R	2.35	0	0	0.1	21.5	78.4	
6/16/2021	80	30.03	762.76	R	0.31	0.1	2	0.2	21.1	78.6	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.3	20.2	79.4	
12/2/2021	41	29.89	759.206	R	0	0	0	0.3	20.5	79.2	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6S (DNR # 781)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.02	0.0		7.2	12.5	80.3	
2/17/2012	40	29.97R			-0.02	0.0		4.1	16.2	79.7	
3/27/2012	68	28.54 R			0.00	0.0		7.8	12.1	79.8	
4/18/2012	60	28.75S			0	0.0		12.9	6.9	80.2	
5/24/2012	60	28.35S			0.03	0.0		9.0	10.7	80.3	
6/13/2012	68	28.95S			0.03	0.0		4.6	15.6	79.8	
7/18/2012	74	28.76S			-0.06	0.0		1.9	18.9	79.2	
8/7/2012	85	28.86S			0.06	0.0		0.4	19.6	80.0	
8/15/2012	69	28.71			0	0.0		4.7	15.4	79.9	
9/10/2012	69	28.89F			0.04	0.0		4.4	15.5	80.1	
10/1/2012	62	28.77S			-0.02	0.0		4.0	17.0	79.0	
10/18/2012	44	29.25R			0.04	0.0		7.1	13.3	79.6	
10/22/2012	60	28.76R			0	0.0		2.4	18.6	79.0	
10/31/2012	40	30.00F			0	0.0		6.9	13.9	79.2	Blower off
11/7/2012	39	29.03F			0.03	0.0		9.9	10.4	79.7	Blower off
11/19/2012	50	30.06S			0.04	0.0		9.6	10.6	79.8	Blower off
12/7/2012	34	30.03S			0.01	0.0		10.2	10.5	79.3	Blower off
12/27/2012	20	30.25F			-0.02	0.0		8.7	11.5	79.8	Blower off
1/8/2013	32	29.83F			0.03	0.0		10.2	9.5	80.3	Blower off
1/23/2013	11	30.17S			0.02	0.0		8.6	10.8	80.6	Blower off
2/12/2013	26	29.90F			0.06	0.0		6.1	13.3	80.6	Blower off
2/27/2013	35	29.90R			0	0.0		10.1	9.7	80.2	Blower off
3/7/2013	38	30.35S			0.03	0.0		8.0	11.1	80.9	Blower off
3/27/2013	38	30.34S			0	0.1		13.6	6.0	80.3	Blower off
4/18/2013	33	28.52F			0.02	2.4		20.2	0.1	77.3	Blower off
5/13/2013	50	28.81S			-0.04	3.8		19.7	0.2	76.3	Blower off
6/20/2013	80	28.85S			0.05	1.2		20.2	0.1	78.5	
7/17/2013	90	29.09S			0	0.0		1.0	18.3	80.7	
8/13/2013	70	29.02S			0	0.0		0.8	18.9	80.3	
9/17/2013	70	28.95F			0.03	0.0		5.3	14.3	80.4	
10/8/2013	64	28.73F			-0.03	0.0		3.7	17.1	79.2	
11/19/2013	26	29.01F			0	0.0		4.7	15.9	79.4	
12/18/2013	26	28.62F			-0.38	0.0		12.1	9.9	78.0	
1/15/2014	3	28.92F			-0.35	0.0		7.1	15.8	77.1	
2/18/2014	33	28.42S			-0.25	0.0		7.2	13.4	79.4	
3/18/2014	30	29.78S			-0.32	0.0		7.7	13.6	78.7	
4/22/2014	45	28.96S			-0.77	0.0		0.2	21.3	78.5	
5/14/2014	46	29.10S			0	0.0		1.0	20.2	78.8	
6/10/2014	69	28.85F			-0.23	0.0		7.8	11.8	80.4	
7/10/2014	75	28.94F			-0.28	0.0		3.1	17.1	79.8	
8/5/2014	67	29.00S			-0.28	0.0		2.3	18.6	79.1	
9/3/2014	62	28.79S			-0.03	0.0		4.1	15.8	80.1	
10/9/2014	55	30.19S			-0.04	0.0		1.4	20.1	78.5	
11/21/2014	25	28.91			0	0.0		5.4	15.4	79.2	
12/12/2014	34	29.00S			0.02	0.0		6.3	14.2	79.5	
1/15/2015	30	28.79S			0	0.0		9.7	10.1	80.2	
2/16/2015	9	28.95F			0.03	0.0		10.4	9.7	79.9	
3/13/2015	50	28.90S			0.13	0.0		9.6	9.4	81.0	
4/7/2015	37	29.03S			0.04	0.0		2.0	19.3	78.7	
5/5/2015	67	29.06S			0.04	0.0		2.5	18.0	79.5	
6/10/2015	74	28.70S			-1.08	0.0		0.7	19.7	79.6	
7/14/2015	78	28.68S			-5.8	0.0		0.5	19.9	79.6	
8/4/2015	75	28.89S			-1.15	0.0		0.2	20.4	79.4	
9/9/2015	69	25.85S			-1.19	0.0		0.6	20.1	79.3	
10/15/2015	54	28.90R			-0.02	0.0		0.6	20.1	79.3	
11/6/2015	42	29.99R			-0.95	0		0.2	20.5	79.3	
12/17/2015	27	28.68S			-0.05	0.0		0.1	21.4	78.5	
1/7/2016	32	29.98F			0.46	0.0		2.1	19.1	78.8	
2/1/2016	26	28.87R			0.46	0.0		2.1	19.1	78.8	
3/17/2016	40	28.69S			-0.06	0.0		0.0	21.4	78.6	
4/4/2016	33	29.23R			-0.7	0.0		0.0	21.3	78.7	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6S (DNR # 781)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
5/12/2016	46	28.895			-0.65	0.0		0.4	20.4	79.2	
6/14/2016	68	28.79	731.27	F	-0.57	0.0		3.1	16.7	80.2	
7/21/2016	86	28.84	732.54	F	0.01	0.0		3.3	16.6	80.1	
8/9/2016	82	28.87	733.30	S	0	0.0		3.5	16.4	80.1	
9/20/2016	73	29.07	738.38	R	0.05	0.0		1.8	17.6	80.6	
11/10/2016	58	28.87	733.30	F	0.02	0.1		1.5	17.6	80.8	
12/8/2016	19	29.27	743.46	R	-0.09	0.1		0.1	21.1	78.7	
1/16/2017	23	28.95	735.33	F	0.27	0.1		5.8	14.7	79.4	
2/13/2017	44	28.76	730.50	F	-	0.2		6.0	13.2	80.6	
3/28/2017	38	29.11	739.39	S		0		0	21.1	78.9	
4/11/2017	34	30.25	768.35	S	0	0.0		0.1	21.0	78.9	
5/17/2017	62	29.56	750.824	S	-0.05	0.0		0.7	19.8	79.5	
6/21/2017	68	29.95	760.73	S	0.04	0.0		4.3	15.1	80.6	
7/21/2017	75	29.91	759.714	F	-0.01	0.0		2.2	18.0	79.8	
8/15/2017	65	30.01	762.254	S	1.58	0.1		0.0	19.9	80.0	
9/22/2017	82	29.9	759.46	S	2.61	0		0	20	80	
10/9/2017	48	28.95	735.33	S	1.2	0.0		0.7	19.3	80.0	
11/2/2017	36	29.88	758.952	R	-0.03	0.0		0.0	20.2	79.8	
12/1/2017	40	30.03	762.762	S	3.2	0.0		3.9	17.3	78.8	
*1/8/2018	26	29.97	761.238	R	0	0.0	0	0.3	20.6	79.1	
2/15/2018	32	28.7	728.98	R			Could not access, under 2" of ice				
3/14/2018	25	28.89	733.806	s	0	0.0	0	6.9	12.4	80.7	
4/12/2018	38	29.73	755.142	S	0	0.0	0	0.5	20.2	79.3	
5/10/2018	48	30.07	763.778	S	-0.01	0.0	0	0.0	21.1	78.9	
*6/19/2018	59	28.98	736.092	S	0.01	0.0	0	9.4	9.1	81.5	
7/10/2018	71	29.17	740.918	S	-0.28	0.0	0	0.3	19.7	80.0	
8/14/2018	67	29.98	761.492	S	-0.11	0.1	2	2.1	17.6	80.2	
*9/24/2018	60	29.95	760.73	S	0.02	0.6	12	15.7	2.5	81.2	
*10/15/2018	34	30.2	767.08	S	-0.09	0.1	2	0.3	20.3	79.3	
11/20/2018	19	30.1	764.54	F	0.11	0.6	12	17.7	1.8	79.9	
12/28/2018	22	28.86	733.04	S	-0.6	0	0	0	20	80	
*1/7/2019	37	29.51	749.55	S	-0.91	0.6	12	10.1	11.1	78.2	
2/28/2019	9	30.2	767.08	S	-0.07	3.2	64	21	0.2	75.6	
3/20/2019	35	29.89	759.206	S	-0.1	3.8	76	3.1	3.2	89.9	
4/8/2019	60	29.74	755.396	F	-0.08	0.1	2	0.9	19.6	79.4	
5/14/2019	61	29.95	760.73	S	-0.41	0.1	2	4.3	10.3	85.3	
6/18/2019	70	29.99	761.746	S	5.36	0.2	4	13.4	4.7	81.7	
7/24/2019	71	30.2	767.08	F	-0.43	0.2	4	6	10.8	83	
8/14/2019	70	30.08	764.032	S	-0.5	0	0	0	20.4	79.5	
9/24/2019	58	29.81	757.17	S	-0.44	0.5	10	16.4	1.7	81.4	
10/18/2019	52	29.79	756.666	S	-0.45	0.3	6	17.6	1.3	80.8	
11/22/2019	25	29.33	744.982	S	-0.57	0.1	2	15.1	4.7	80.1	
12/4/2019	31	28.87	733.298	R	-0.61	0	0	0.2	20.9	78.9	
1/7/2020	23	30	762	R	-0.58	0.9	18	19.8	0.5	78.8	
2/25/2020	45	29.42	747.268	R	-2.53	0	0	0.1	21.3	78.6	
3/17/2020	40	30.27	768.86	R	-0.02	1.3	26	18.4	0.7	79.6	
4/21/2020	40	30.02	762.508	R	0.01	0	0	0	21	79	
5/29/2020	77	29.91	739.14	F	2.34	0	0	0.2	20.8	79	
6/5/2020	70	31.15	791.21	S	0.06	0	0	0	20.7	79.3	
7/28/2020	72	29.92	759.968	S	2.24	5.1	102	15.2	5.3	74.4	
8/11/2020	73	30.01	759.253	S	2.24	7.3	146	14.9	5.6	72.2	
9/29/2020	54	29	733.7	S	-7.79	1.3	26	16.3	4	78.4	
10/6/2020	56	29.84	757.936	F	0.1	1	20	17.9	0.9	80.2	
11/5/2020	35	29.05	737.87	S	0.02	1.3	26	15.4	0.8	82.5	
12/10/2020	40	29.94	760.476	S	-0.05	0.2	4	5.4	15.9	78.5	
1/18/2021	21	29.9	759.46	R	-0.06	0.1	2	0.6	20.9	78.4	
2/2/2021	20	30.32	770.13	F	-0.11	0	0	17.2	4.1	78.7	
3/19/2021	57	30.5	774.7	R	0.04	0	0	0.1	21.4	78.5	
4/13/2021	35	28.94	735.076	R	-3.93	0	0	0.1	21.2	78.7	
5/19/2021	65	30.01	762.254	R	0.02	0	0	0.3	20.1	79.6	
6/16/2021	80	30.03	762.762	R	0.15	0.1	2	8	11	80.9	

TABLE 9
 GAS PROBE MONITORING
 Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6S (DNR # 781)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
9/13/2021	67	29.97	761.24	R	0	0.1	2	16.2	3.6	80.1	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.5	79.4	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6M (DNR # 782)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.12	4.0		7.8	2.0	86.2	
2/17/2012	40	29.97R			-0.04	0.0		4.8	15.7	79.5	
3/27/2012	68	28.54 R			3.00	0.0%		0.5%	20.3%	79.2%	
4/18/2012	60	28.75				0.0%		0.0%	20.5%	79.5%	
5/24/2012	60	28.33S			0.18	0.4%		2.5%	17.4%	79.7%	
6/13/2012	68	28.96S			0.07	0.0%		6.4%	7.3%	86.3%	
7/18/2012	74	28.76S			-0.09	0.0%		0.9%	19.7%	79.4%	
8/7/2012	85	28.86S			-6.61	0.0%		0.0%	20.0%	80.0%	
8/15/2012	69	28.71			0.06	0.0		2.2	17.0	80.8	
9/10/2012	69	28.89F			0.07	0.0		0.0	20.0	80.0	
10/1/2012	62	28.77S			0	0.0		0.0	20.3	79.7	
10/18/2012	44	29.25R			-0.1	0.0		6.3	10.3	83.4	
10/22/2012	60	28.76R			-3.64	0.0		0.0	20.4	79.6	
10/31/2012	40	30.00F			0.04	0.0		0.3	20.6	79.1	Blower off
11/7/2012	39	29.03F			0.02	0.0		0.0	20.8	79.2	Blower off
11/19/2012	50	30.06S			0.06	0.0		1.4	18.5	80.1	Blower off
12/7/2012	34	30.03S			0.01	0.0		0.0	21.1	78.9	Blower off
12/27/2012	20	30.25F			-0.03	0.1		4.6	13.7	81.6	Blower off
1/8/2013	32	29.83F			0.07	1.8		11.4	0.4	86.4	Blower off
1/23/2013	11	30.17S			-6.74	0.3		4.0	15.0	80.7	Blower off
2/12/2013	26	29.90F			0.12	0.0		0.0	20.7	79.3	Blower off
2/27/2013	35	29.90R			-0.07	1.3		5.4	12.4	80.9	Blower off
3/7/2013	38	30.35S			0.07	0.0		0.3	20.2	79.5	Blower off
3/27/2013	38	30.34S			0	0.0		0.6	19.9	79.5	Blower off
4/18/2013	33	28.52F			-5.36	6.1		12.9	0.0	81.0	Blower off
5/13/2013	50	28.81S			0.06	1.2		3.5	15.6	79.7	Blower off
6/20/2013	80	28.85S			0.05	0.6		4.2	13.3	81.9	
7/17/2013	90	29.09S			0.02	0.0		0.4	18.9	80.7	
8/13/2013	70	29.02S			0.04	0.0		0.4	19.3	80.3	
9/17/2013	70	28.95F			0.13	0.0		6.2	7.4	86.4	
10/8/2013	64	28.73F			0.28	0.0		0.4	19.7	79.9	
11/19/2013	26	29.01F			0.32	0.0		0.0	20.4	79.6	
12/18/2013	26	28.62F			-5.52	0.1		5.1	12.8	82.0	
1/15/2014	3	28.92F			-0.17	0.0		0.4	21.1	78.5	
2/18/2014	33	28.42S			-0.22	0.0		10.0	3.4	86.6	
3/18/2014	30	29.78S			0.08	0.0		2.4	16.4	81.2	
4/22/2014	45	28.96S			0.43	0.0		0.8	19.5	79.7	
5/14/2014	46	29.10S			-0.25	0.0		0.6	20.9	78.5	
6/10/2014	69	28.85F			-0.22	0.0		6.5	10.0	83.5	
7/10/2014	75	28.94F			-0.25	0.0		2.6	17.8	79.6	
8/5/2014	67	29.00S			-0.25	0.0		1.8	18.4	79.8	
9/3/2014	62	28.79S			-5.51	0.0		1.2	19.1	79.7	
10/9/2014	55	30.19S			-0.02	0.0		2.1	18.6	79.3	
11/21/2014	25	28.91			0.24	0.0		2.5	18.3	79.2	
12/12/2014	34	29.00S			0.05	0.3		1.5	16.9	81.3	
1/15/2015	30	28.79S			0.01	0.7		2.4	14.1	82.8	
2/16/2015	9	28.95F			0.12	0.0		0.8	19.7	79.5	
3/13/2015	50	28.90S			0.15	0.3		1.8	15.5	82.4	
4/7/2015	37	29.03S			-5.75	0.0		0.1	21.7	78.2	
5/5/2015	67	29.06S			0.08	0.0		0.5	20.9	78.6	
6/10/2015	74	28.70S			-1.08	0.0		0.3	20.5	79.2	
7/14/2015	78	28.68S			-7.75	0.0		0.0	20.4	79.6	
8/4/2015	75	28.89S			-1.15	0.0		0.1	20.6	79.3	
9/9/2015	69	25.85S			-1.22	0.0		0.1	20.8	79.1	
10/15/2015	54	28.90R			-0.1	0.0		0.3	20.2	79.5	
11/6/2015	42	29.99R			-1.08	0.0		0.1	20.6	79.3	
12/17/2015	27	28.68S			-8.35	0.0		3.8	15.9	80.3	
1/7/2016	32	29.98F			0.5	0.0		4.6	13.9	81.5	
2/1/2016	26	28.87R			-1.98	0.0		4.8	13.5	81.7	
3/17/2016	40	28.69S			-0.13	0.0		0.0	21.4	78.6	
4/4/2016	33	29.23R			-0.85	0.0		0.0	21.3	78.7	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6M (DNR # 782)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
5/12/2016	46	28.895			-0.67	0.0		0.2	20.5	79.3	
6/14/2016	68	28.79	731.27	F	-0.5	0.0		1.2	18.6	80.2	
7/21/2016	86	28.85	732.79	F	0.04	0.0		3.3	18.6	80.2	
8/9/2016	82	28.87	733.30	S	0	0.0		0.6	19.5	79.9	
9/20/2016	73	29.07	738.38	R	0.06	0.0		0.7	18.6	80.7	
11/10/2016	58	28.87	733.30	F	0.05	0.1		5.7	12.7	81.5	
12/8/2016	19	29.27	743.46	R	-0.16	0.1		0.7	20.4	78.8	
1/16/2017	23	28.96	735.58	F	0.44	0.1		2.8	17.1	80.0	
2/13/2017	44	28.77	730.76	F	-	0.2		6.0	13.2	80.6	
3/28/2017	38	29.11	739.39	S		0		4.3	13.6	82.1	
4/11/2017	34	30.25	768.35	S	0	0		0	21.1	78.9	
5/17/2017	62	29.56	750.82	S	-0.11	0		0	20.4	79.6	
6/21/2017	68	29.95	760.73	S	-5.15	0		2	17.2	80.8	
7/21/2017	75	29.91	732.80	F	-12.37	0		0.8	19	80.2	
8/15/2017	65	30.01	762.25	S	1.59	0.1		0	19.6	80.3	
9/22/2017	82	29.9	759.46	S	2.67	0		0	19.7	80.3	
10/9/2017	48	28.95	735.33	S	1.87	0		1	19.9	79.1	
11/2/2017	36	29.88	758.952	R	-0.17	0.0		1.4	18.1	80.5	
12/1/2017	40	30.03	762.762	S	0.22	0.0		0.9	19.2	79.9	
*1/8/2018	26	29.97	761.238	R	-	-	-	-	-	-	No Flow
2/15/2018	32	28.7	728.98	R				Could not access, under 2" of ice			
3/14/2018	25	28.89	733.806	S	0.52	0.0	0	3.3	12.7	84.0	
4/12/2018	38	29.73	755.142	S	-0.01	0.0	0	0.0	20.8	79.2	
5/10/2018	48	30.07	763.778	S	0	0.0	0	0.0	21.1	78.9	
*6/19/2018	59	28.98	736.092	S	-3.92	0.0	0	0.7	19.0	80.3	
7/10/2018	71	29.17	740.918	S	0.08	0.0	0	0.6	18.9	80.5	
8/14/2018	67	29.98	761.492	S	0.05	0.1	2	1.3	17.3	81.3	
*9/24/2018	60	29.95	760.73	S	0.05	0.1	2	1.4	17.1	81.4	
*10/15/2018	34	30.2	767.08	S	-0.06	0.0	0	0.4	20.0	79.6	
11/20/2018	19	30.1	764.54	F	0.37	0.1	2	1.4	17.7	80.8	
12/28/2018	22	28.86	733.04	S	-1.1	0	0	3.8	12.6	83.6	
*1/7/2019	37	29.51	749.55	S	-0.96	0	0	3.9	14.2	81.9	
2/28/2019	9	30.2	767.08	S	0.04	0	0	5.8	6.1	88.1	
3/20/2019	35	29.89	759.206	S	-0.13	0	0	0.4	7.3	92.3	
4/8/2019	60	29.74	755.396	F	-0.09	0.1	2	5.4	6.3	88.2	
5/14/2019	61	29.95	760.73	S	-0.49	1.8	36	16.1	3.1	79	
6/18/2019	70	29.99	761.746	S	-0.38	0.1	2	0.9	19.1	79.9	
7/24/2019	71	30.2	767.08	F	-0.42	0.2	4	4.4	11.7	83.7	
8/14/2019	70	30.08	764.032	S	-0.51	0	0	0	20.4	79.5	
9/24/2019	58	29.81	757.17	S	-0.22	0.1	2	3.2	10.4	86.3	
10/18/2019	52	29.79	756.666	S	-0.52	0.1	2	3.5	15.1	81.3	
11/22/2019	25	29.33	744.982	S	-0.58	0.1	2	2.5	18.1	79.3	
12/4/2019	31	28.87	733.298	R	-0.59	0.1	2	3.1	17.8	79	
1/7/2020	23	30	762	R	-0.57	0	0	2.6	16.7	80.7	
2/25/2020	45	29.42	747.268	R	-12.67	0	0	0.1	21.3	78.6	
3/17/2020	40	30.27	768.86	R	-2.82	1.1	22	2.8	10.7	85.4	
4/21/2020	40	30.02	762.508	R	-7.38	0	0	0	21	79	
5/29/2020	77	29.91	739.14	F	-54.21	0	0	0.3	20.5	79.2	
6/5/2020	70	31.15	791.21	S	0	0	0	0.1	20.5	79.4	
7/29/2020	72	29.92	759.968	S	0.12	0.2	4	2.6	12.4	84.8	
8/11/2020	73	30.01	759.253	S	0.12	0	4	2.5	12.5	85	
9/29/2020	54	29	733.7	S	-0.11	0	0	3.5	13.3	83.2	
10/6/2020	56	29.84	757.936	F	1.38	0.2	4	3.2	13.3	83.3	
11/5/2020	35	29.05	737.87	S	-14.22	0.1	2	3	13.1	83.8	
12/10/2020	40	29.94	760.476	S	-0.04	0.3	6	3.5	11.1	85.1	
1/18/2021	21	29.9	759.46	R	-0.13	0.4	8	3.3	12.7	83.6	
2/2/2021	20	30.32	770.13	F	-4.6	0	0	2.7	18.6	78.7	
3/19/2021	57	30.5	774.7	R	0.04	0	0	1.7	16.6	81.7	
4/13/2021	35	28.94	735.076	R	-4.82	0	0	0.1	21.2	78.7	
5/19/2021	65	30.01	762.254	R	2.82	0	0	0.5	19.1	80.4	
6/16/2021	80	30.03	762.762	R	0.29	0.1	2	0.4	19.8	79.7	

TABLE 9
 GAS PROBE MONITORING
 Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6M (DNR # 782)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
9/13/2021	67	29.97	761.24	R	0	0.1	2	1.1	17.8	81	
12/2/2021	41	29.89	759.206	R	0	0	0	4.7	11.7	83.6	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6D (DNR # 783)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.04	0.0		1.1	19.7	79.2	
2/17/2012	40	29.97R			-0.04	0.0		0.8	19.5	79.5	
3/27/2012	68	28.54 R			0.00	0.0%		1.3%	19.2%	79.5%	
4/18/2012	60	28.75			0	0.0%		0.2%	20.0%	79.8%	
5/24/2012	60	28.34S			0.07	0.0%		0.9%	19.7%	79.4%	
6/13/2012	68	28.95S			0.09	0.0%		0.8%	19.6%	79.6%	
7/18/2012	74	28.76S			-0.15	0.0%		0.6%	20.0%	79.4%	
8/7/2012	85	28.86S			0.03	0.0%		0.6%	19.4%	80.0%	
8/15/2012	69	28.71			0.08	0.0%		0.9%	19.1%	80.0%	
9/10/2012	69	28.89F			0.15	0.0%		6.4%	11.5%	82.1%	
10/1/2012	62	28.77S			-0.02	0.0%		0.7%	19.7%	79.5%	
10/18/2012	44	29.25R			-0.06	0.0%		0.7%	20.2%	79.1%	
10/22/2012	60	28.76R			-0.01	0.0%		1.2%	19.4%	79.4%	
10/31/2012	40	30.00F			0.05	0.0		2.2	19.4	78.4	Blower off
11/7/2012	39	29.03F			0	0.0		0.0	20.9	79.1	Blower off
11/19/2012	50	30.06S			0.06	0.0%		2.2%	18.7%	79.1%	Blower off
12/7/2012	34	30.03S			0	0.0%		1.7%	19.9%	78.4%	Blower off
12/27/2012	20	30.25F			-0.02	0.0		2.6	19.2	78.2	Blower off
1/8/2013	32	29.83F			0.01	0.0		4.2	16.6	79.2	Blower off
1/23/2013	11	30.17S			0.01	0.0		2.9	18.0	79.1	Blower off
2/12/2013	26	29.90F			0.18	0.0		3.2	17.9	78.9	Blower off
2/27/2013	35	29.90R			-0.08	0.0		0.0	21.1	78.9	Blower off
3/7/2013	38	30.35S			0.08	0.0		2.5	18.5	79.0	Blower off
3/27/2013	38	30.34S			-11.36	0.0		2.0	18.7	79.3	Blower off
4/18/2013	33	28.52F			0.2	0.0		3.8	17.1	79.1	Blower off
5/13/2013	50	28.81S			0.14	0.0		2.6	17.4	80.0	Blower off
6/20/2013	80	28.85S			0.07	0.1		1.4	18.0	80.5	
7/17/2013	90	29.09S			0	0.0		0.5	18.9	80.6	
8/13/2013	70	29.02S			0.03	0.0		0.7	19.0	80.3	
9/17/2013	70	28.95F			0.15	0.0		0.5	19.2	80.3	
10/8/2013	64	28.73F			-0.01	0.0		0.9	19.3	79.8	
11/19/2013	26	29.01F			0.09	0.0		0.5	20.0	79.5	
12/18/2013	26	28.62F			-0.32	0.0		5.3	15.3	79.4	
1/15/2014	3	28.92F			-0.1	0.0		0.8	20.7	78.5	
2/18/2014	33	28.42S			-0.19	0.0		1.5	19.0	79.5	
3/18/2014	30	29.78S			-0.36	0.0		0.1	22.1	77.8	
4/22/2014	45	28.96S			-0.29	0.0		1.4	19.5	79.1	
5/14/2014	46	29.10S			-0.25	0.0		0.6	20.8	78.6	
6/10/2014	69	28.85F			-0.24	0.0		1.9	18.9	79.2	
7/10/2014	75	28.94F			-0.28	0.0		1.0	20.6	78.4	
8/5/2014	67	29.00S			-0.3	0.0		0.6	21.2	78.2	
9/3/2014	62	28.79S			0.3	0.0		0.6	20.5	78.9	
10/9/2014	55	30.19S			0	0.0		0.4	21.5	78.1	
11/21/2014	25	28.91			0.17	0.0		2.0	19.1	78.9	
12/12/2014	34	29.00S			0.06	0.1		1.5	19.9	78.5	
1/15/2015	30	28.79S			0.01	0.0		1.4	19.6	80.0	
2/16/2015	9	28.95F			0.14	0.0		0.6	20.8	78.6	
3/13/2015	50	28.90S			0.15	0.0		1.4	19.1	79.5	
4/7/2015	37	29.03S			0.1	0.0		0.1	21.7	78.2	
5/5/2015	67	29.06S			0.05	0.0		0.6	20.6	78.8	
6/10/2015	74	28.70S			-1.09	0.0		0.2	20.7	79.3	
7/14/2015	78	28.68S			-7.35	0.0		0.0	20.3	79.7	
8/4/2015	75	28.89S			-1.14	0.0		0.1	20.5	79.4	
9/9/2015	69	25.85S			-1.28	0.0		0.1	20.8	79.1	
10/15/2015	54	28.90R			-0.13	0.0		0.1	20.8	79.1	
11/6/2015	42	29.99R			-6.53	0.0		0.5	20.2	79.3	
12/17/2015	27	28.68S			-0.05	0.0		0.1	21.5	78.4	
1/7/2016	32	29.98F			0.01	0.0		1.9	18.9	79.2	
2/1/2016	26	28.87R			-1.37	0.0		0.1	20.8	79.1	
3/17/2016	40	28.69S			-0.04	0.0		0.0	21.4	78.6	
4/4/2016	33	29.23R			-0.95	0.0		0.0	21.3	78.7	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6D (DNR # 783)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
5/12/2016	46	28.895			-4.13	0.0		0.0	20.8	79.2	
6/14/2016	68	28.79	731.27	F	-0.47	0.0		4.6	15.3	80.1	
7/21/2016	86	28.85	732.79	F	0.05	0.0		0.3	19.6	80.1	
8/9/2016	82	28.88	733.55	S	0	0.0		0.0	20.1	79.9	
9/20/2016	73	29.07	738.38	R	0.05	0.0		0.0	19.7	80.3	
11/10/2016	58	28.87	733.30	F	0.06	0.1		4.5	15.7	79.7	
12/8/2016	19	29.27	743.46	R	-0.24	0.1		0.1	21.2	78.6	
1/16/2017	23	28.96	735.58	F	2.51	0.1		0.1	22.5	77.3	
2/13/2017	44	28.76	730.50	F	-	0.2		6.0	13.2	80.6	
3/28/2017	38	29.11	739.39	S	0	0		1.4	20	78.6	
4/11/2017	34	30.25	768.35	S	0	0		1	20.2	78.8	
5/17/2017	62	29.56	750.82	S	-0.09	0		0	20.4	79.6	
6/21/2017	68	29.95	760.73	S	0.08	0		0.1	20	79.9	
7/21/2017	75	29.91	732.80	F	0.05	0		0	20.1	79.9	
8/15/2017	65	30.01	762.25	S	-7.32	0.1		0	19.9	80	
9/22/2017	82	29.9	759.46	S	-3.09	0		0.2	19.7	80.1	
10/9/2017	48	28.95	735.33	S	1.23	0.0		0.0	20.7	79.3	
11/2/2017	36	29.88	758.952	R	0.27	0.0		1.0	19.7	79.3	
12/1/2017	40	30.03	762.76	S	-5.08	0		0	20.7	79.3	
*1/8/2018	26	29.97	761.238	R	-0.1	0.0	0	0.0	20.8	79.2	
2/15/2018	32	28.7	728.98	R				Could not access, under 2" of ice			
3/14/2018	25	28.89	733.806	s	0.09	0.0	0	1.1	20.0	78.9	
4/12/2018	38	29.73	755.142	S	-0.06	0.0	0	0.0	20.8	79.2	
5/10/2018	48	30.07	763.778	S	-6.01	0.0	0	0.0	21.1	78.9	
*6/19/2018	59	28.98	736.092	S	0.04	0.0	0	0.1	20.5	79.4	
7/10/2018	71	29.17	740.918	S	0.01	0.0	0	0.2	19.7	80.1	
8/14/2018	67	29.98	761.492	S	0.05	0.1	2	0.3	19.3	80.3	
*9/24/2018	60	29.95	760.73	S	0.13	0.1	2	0.3	19.4	80.2	
*10/15/2018	34	30.2	767.08	S	-0.07	0.0	0	0.4	20.3	79.3	
11/20/2018	19	30.1	764.54	F	0.61	0.1	2	0.0	20.4	79.5	
12/28/2018	22	28.86	733.04	S	-1.11	0	0	0	19.6	80.4	
*1/7/2019	37	29.51	749.55	S	-0.97	0	0	4.4	16	79.6	
2/28/2019	9	30.2	767.08	S	-0.1	0	0	6	12.3	81.7	
3/20/2019	35	29.89	759.206	S	0.1	0	0	0.4	12.7	86.9	
4/8/2019	60	29.74	755.396	F	-0.1	0.1	2	5.7	11.9	82.3	
5/14/2019	61	29.95	760.73	S	-0.44	0.1	2	4.6	13.3	82	
6/18/2019	70	29.99	761.746	S	-0.41	0.1	2	1.4	17.6	80.9	
7/24/2019	71	30.2	767.08	F	-0.44	0.2	4	0	20.3	79.5	
8/14/2019	70	30.08	764.032	S	-2.54	0	0	0	20.4	79.5	
9/24/2019	58	29.81	757.17	S	-0.29	0.1	2	4.5	13.2	82.2	
10/18/2019	52	29.79	756.666	S	-0.25	0.1	2	4.8	13.4	81.7	
11/22/2019	25	29.33	744.982	S	-0.53	0.1	2	4.1	15.9	79.9	
12/4/2019	31	28.87	733.298	R	-0.78	0	0	0.1	21	78.9	
1/7/2020	23	30	762	R	-0.55	0	0	0.2	20.5	79.3	
2/25/2020	45	29.42	747.268	R	0.59	0	0	0.1	21.2	78.7	
3/17/2020	40	30.27	768.86	R	0.08	0	0	0.4	20.6	79	
4/21/2020	40	30.02	762.508	R	-0.16	0	0	0.7	19.7	79.6	
5/29/2020	77	29.91	739.14	F	-26.43	0	0	0.2	20.8	79	
6/5/2020	70	31.15	791.21	S	-0.11	0	0	0	20.8	79.2	
7/30/2020	72	29.92	759.968	S	0.28	0.2	4	0.8	19.5	79.5	
8/11/2020	73	30.01	759.253	S	0.28	0	4	0.4	19.9	79.7	
9/29/2020	54	29	733.7	S	-8.25	0	0	1.5	19	79.5	
10/6/2020	56	29.84	757.936	F	0.55	0.2	4	0.9	19.5	79.4	
11/5/2020	35	29.05	737.87	S	-10.44	0.1	2	0	20.8	79.1	
12/10/2020	40	29.94	760.476	S	0	0.1	2	2.4	18.4	79.1	
1/18/2021	21	29.9	759.46	R	-0.19	0.1	2	2.1	18.9	78.9	
2/2/2021	20	30.32	770.13	F	-0.05	0	0	1.8	19.4	78.8	
3/19/2021	57	30.5	774.7	R	0.02	0	0	1	19.8	79.2	
4/13/2021	35	28.94	735.076	R	-8.51	0	0	0.1	21.2	78.7	
5/19/2021	65	30.01	762.254	R	1.7	0	0	0.3	20.2	79.5	
6/16/2021	80	30.03	762.762	R	0.33	0.1	2	0.1	21.1	78.7	

TABLE 9
 GAS PROBE MONITORING
 Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 6D (DNR # 783)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.4	19.9	79.6	
12/2/2021	41	29.89	759.206	R	0	0	0	0.7	19.5	79.8	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 7 (DNR # 784)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.08	0.0		4.0	16.5	79.5	
3/27/2012	68	28.54 R			0.00	0.0%		0.2%	20.5%	79.3%	
6/13/2012	68	28.95S			0.05	0.0%		1.7%	19.7%	78.6%	
9/10/2012	69	28.89F			0.05	0.0%		1.3%	19.3%	79.4%	
10/22/2012	60	28.76R			0	0.0%		0.0%	20.5%	79.5%	
10/31/2012	40	30.00F			0.02	0.0		4.1	16.8	79.1	Blower off
11/7/2012	39	29.03F			0	0.0		0.0	21.0	79.0	Blower off
11/19/2012	50	30.06S			0.05	0.0%		4.3%	15.4%	80.3%	Blower off
12/7/2012	34	30.03S			0.02	0.0%		0.0%	21.2%	78.8%	Blower off
12/27/2012	20	30.25F			0.09	0.0		10.1	10.2	79.7	Blower off
1/8/2013	32	29.83F			0.16	3.8		21.2	1.1	73.9	Blower off
1/23/2013	11	30.17S			0.52	0.0		0.0	21.2	78.8	Blower off
3/27/2013	38	30.34S			-0.01	4.1		26.1	0.3	69.5	Blower off
4/18/2013	33	28.52F			0.15	5.4%		19.6%	0.0%	75.0%	Blower off
5/13/2013	50	28.81S			0	10.9%		20.9%	0.7%	67.5%	Blower off
6/20/2013	80	28.85S			0.08	0.0%		5.9%	14.2%	79.9%	
9/17/2013	70	28.95F			0.05	0.0		5.6	14.5	79.9	
12/18/2013	26	28.62F			-0.32	0.0%		4.0%	17.3%	78.7%	
3/18/2014	30	29.78S			0	0.0%		1.9%	20.1%	78.0%	
6/10/2014	69	28.85F			-0.25	0.0		0.7	20.6	78.7	
9/3/2014	62	28.79S			0.1	0.0		1.8	19.1	79.1	
12/12/2014	34	29.00S			0.08	0.1		4.0	17.4	78.5	
3/13/2015	50	28.90S			0.19	0.0		2.3	18.8	78.9	
6/10/2015	74	28.70S			-1.08	0.0		0.4	20.5	79.1	
9/9/2015	69	25.85S			-1.19	0.0		0.1	20.7	79.2	
12/17/2015	27	28.68S			-0.03	0.0		1.4	20.3	78.3	
3/17/2016	40	28.69S			-0.05	0.0		0.0	21.3	78.7	
6/14/2016	68	28.79	731.27	F	-0.53	0.0		1.5	18.9	79.6	
9/20/2016	73	29.07	738.38	R	0.12	0.0		0.0	19.6	80.4	
12/8/2016	19	29.27	743.46	R	-0.06	0.1		0.1	21.1	78.7	
1/16/2017	23	28.96	735.58	F	0.24	0.1		0.0	22.3	77.6	
3/28/2017	38	29.11	739.39	S		0		0	21.1	78.9	
6/21/2017	68	29.95	760.73	S	0.07	0.0		0.0	19.9	80.1	
9/22/2017	82	29.9	759.46	S	1.49	0		0	19.9	80.1	
12/19/2017	35	28.8	731.52	R	0.06	0		0	20.9	79.1	
3/14/2018	25	28.89	733.806	s	0.01	0	0	2.2	19.1	78.7	
*6/19/2018	59	28.98	736.092	S	0.14	0	0	1.3	18.9	79.8	
*9/24/2018	60	29.95	760.73	S	-0.05	9.6	192	19.1	0.2	71.1	
12/28/2018	22	28.86	733.04	S	-1.88	4.1	82	18	5	72.9	
3/20/2019	35	29.89	759.206	S	-0.03	5.4	108	1.5	2.7	90.4	
6/18/2019	70	29.99	761.746	S	-0.42	0.1	2	0.1	19.9	79.9	
9/24/2019	58	29.81	757.17	S	-0.27	0.1	2	5.1	14.7	80.1	
12/4/2019	31	28.87	733.298	R	-0.64	0.1	2	2.4	19.2	78.3	
3/17/2020	40	30.27	768.86	R	-0.03	0	0	0.1	20.9	79	
6/5/2020	70	31.15	791.21	S	0.03	0	0	0	20.8	79.2	
9/29/2020	54	29	733.7	S	-0.16	0	0	0	20.9	79.1	
12/10/2020	40	29.94	760.476	S	-0.05	0	0	1.7	19.6	78.7	
3/19/2021	57	30.5	774.7	R	0.02	0	0	0	21.5	78.5	
6/16/2021	80	30.03	762.762	R	0.25	0.1	2	0.2	21	78.7	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.5	19.8	79.6	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.4	79.5	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8S (DNR # 785)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.01	0.0		5.1	15.1	79.8	
2/17/2012	40	29.97R			-0.02	0.0		3.3	17.0	79.7	
3/27/2012	68	28.54 R			0.00	0.0%		0.8%	20.2%	79.0%	
4/25/2012	60	28.75			0	0.0%		1.0%	19.8%	79.2%	
5/24/2012	60	28.33S			0.03	0.0%		2.2%	19.0%	78.8%	
6/13/2012	68	28.95S			0.02	0.0%		1.1%	19.6%	79.3%	
7/18/2012	74	28.76S			-0.01	0.0%		2.9%	16.8%	80.3%	
8/7/2012	85	28.86S			0.04	0.1%		4.0%	14.7%	81.2%	
8/15/2012	69	28.71			0.01	0.0%		1.9%	18.8%	79.3%	
9/10/2012	69	28.89F			0.02	0.0%		5.0%	19.6%	79.9%	
10/1/2012	62	28.77S			0	0.0%		5.0%	20.0%	79.5%	
10/18/2012	44	29.25R			0	0.0%		4.8%	13.2%	82.0%	
10/22/2012	60	28.76R			0	0.0%		3.6%	16.0%	80.4%	
10/31/2012	40	30.00F			0	0.2		4.6	14.5	80.7	Blower off
11/7/2012	39	29.03F			0.01	2.5		8.1	9.3	80.1	Blower off
11/19/2012	50	30.06S			0.03	2.0%		10.5%	7.1%	80.4%	Blower off
12/7/2012	34	30.03S			0.01	7.1%		13.6%	7.1%	72.2%	Blower off
12/27/2012	20	30.25F			0.01	6.2		13.9	6.3	73.6	Blower off
1/8/2013	32	29.83F			0.06	15.7		20.6	1.7	62.0	Blower off
1/23/2013	11	30.17S			0.03	20.7		24.4	0.1	54.8	Blower off
2/12/2013	26	29.90F			0.04	17.6		22.7	1.2	58.5	Blower off
2/27/2013	35	29.90R			0	10.8		14.9	7.8	66.5	Blower off
3/7/2013	38	30.35S			0	12.2		20.4	3.2	64.2	Blower off
3/27/2013	38	30.34S			0	10.9		15.4	7.4	66.3	Blower off
4/2/2013	26	30.30S			-0.15	17.4		22.8	3.2	56.6	Blower off
4/9/2013	38	30.05S			-0.08	16.3		18.9	4.7	60.1	Blower off
4/18/2013	33	28.52F			-0.07	22.8		24.0	0.0	53.2	Blower off
5/8/2013	60	28.83S			-0.12	23.8		23.7	1.0	51.5	Blower off
5/13/2013	50	28.81S			-0.04	21.8		22.7	1.3	54.2	Blower off
6/20/2013	80	28.85S			0.05	0.1		4.8	14.7	80.4	
7/17/2013	90	29.09S			-0.01	0.0		0.4	18.9	80.7	
8/13/2013	70	29.02S			0.03	0.0		2.2	18.1	79.7	
9/17/2013	70	28.95F			0.03	0.0		1.8	18.6	79.6	
10/8/2013	64	28.73F			-0.01	0.0		1.4	19.3	79.3	
11/19/2013	26	29.01F			-0.02	0.0		0.4	20.5	79.1	
12/18/2013	26	28.62F			-0.36	0.0		2.8	18.4	78.8	
1/15/2014	3	28.92F			-0.4	0.0		1.2	21.2	77.6	
2/18/2014	33	28.42S			-0.26	0.0		0.4	20.7	78.9	
3/18/2014	30	29.78S			-0.31	0.0		0.5	21.3	78.2	
4/22/2014	45	28.96S			-0.27	0.0		0.2	21.5	78.3	
5/14/2014	46	29.10S			-0.26	0.0		0.2	21.0	78.8	
6/10/2014	69	28.85F			-0.25	0.0		0.6	20.6	78.8	
7/10/2014	75	28.94F			-0.22	0.0		0.8	20.3	78.9	
8/5/2014	67	29.00S			-0.25	0.0		0.9	20.9	78.2	
9/3/2014	62	28.79S			-0.04	0.0		0.9	19.9	79.2	
10/9/2014	55	30.19S			-0.02	0.0		0.6	21.2	78.2	
11/21/2014	25	28.91			0	0.0		0.9	20.7	78.4	
12/12/2014	34	29.00S			0	0.0		1.0	21.0	78.0	
1/15/2015	30	28.79S			0.01	0.0		0.7	21.5	77.8	
2/16/2015	9	28.95F			0.06	0.0		0.5	21.2	78.3	
3/13/2015	50	28.90S			0.13	0.0		2.2	15.4	82.4	
4/7/2015	37	29.03S			0.07	0.0		0.2	21.6	78.2	
5/5/2015	67	29.06S			0.05	0.0		0.1	21.4	78.5	
6/10/2015	74	28.70S			-1.12	0.0		0.2	20.8	79.0	
7/14/2015	78	28.68S			-1.13	0.0		1.0	17.8	81.2	
8/4/2015	75	28.89S			-1.12	0.0		0.3	19.9	79.8	
9/9/2015	69	25.85S			-1.17	0.0		0.4	20.3	79.3	
10/15/2015	54	28.90R			0	0.0		0.3	20.5	79.2	
11/6/2015	42	29.99R			-0.91	0.0		0.3	20.6	79.1	
12/17/2015	27	28.68S			-0.04	0.0		0.3	20.9	78.8	
1/7/2016	32	29.98F			0.46	0.0		0.5	20.6	78.9	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8S (DNR # 785)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
2/1/2016	26	28.87R			0.47	0.0		0.2	20.6	79.2	
3/17/2016	40	28.69S			-0.07	0.0		0.1	21.2	78.7	
4/4/2016	33	29.23R			-0.66	0.0		0.0	21.3	78.7	
5/12/2016	46	28.89S			-0.65	0.0		0.2	20.6	79.2	
6/14/2016	68	28.79	731.27	F	-0.59	0.0		0.3	19.9	79.8	
7/21/2016	86	28.85	732.79	F	0.04	0.0		0.7	19.2	80.1	
8/9/2016	82	28.88	733.55	S	0.03	0.0		0.7	19.3	80.0	
9/20/2016	73	29.08	738.63	R	0.05	0.0		1.2	17.7	81.1	
11/10/2016	58	28.87	733.30	F	0.01	0.1		2.2	17.4	80.3	
12/8/2016	19	29.27	743.46	R	-0.06	0.1		0.5	20.8	78.6	
1/16/2017	23	28.97	735.84	F	0.22	0.1		0.6	21.9	77.4	
2/13/2017	44	28.75	730.25	F	-	0.2		0.4	21.5	77.9	
3/28/2017	38	29.11	739.39	S	0	0		0.1	21	78.9	
4/11/2017	34	30.25	768.35	S	0.00	0.0		0	21.1	78.9	
5/17/2017	62	29.56	750.824	S	-0.05	0.0		0.2	20.2	79.6	
6/21/2017	68	29.95	760.73	S	0.04	0.0		0	19.8	80.2	
7/21/2017	75	29.91	759.714	F	0.02	0.0		0.2	19.8	80	
8/15/2017	65	30.01	762.254	S	1.55	0.1		0	20	79.9	
9/22/2017	82	29.9	759.46	S	1.84	0		0.1	19.9	80	
10/9/2017	48	28.95	735.33	S	1.39	0		0	20.4	79.6	
11/2/2017	36	29.88	758.95	R	-0.04	0		0.1	20.1	79.8	
12/1/2017	40	30.03	762.762	S	0	0.0		0.1	20.6	79.3	
*1/8/2018	26	29.97	761.238	R	-0.01	0.0	0	0.7	20.7	78.6	
2/15/2018	32	28.7	728.98	R							Could not access, under 2" of ice
3/14/2018	25	28.89	733.806	S							Could not access, under 2" of ice
4/12/2018	38	29.73	755.142	S	0.01	0.0	0	0.1	20.7	79.2	
5/10/2018	48	30.07	763.778	S	-0.01	0.0	0	0.0	21.0	79.0	
*6/19/2018	59	28.98	736.092	S	0	13.3	266	11.8	7.0	67.9	
7/10/2018	71	29.17	740.918	S	0	5.5	110	6.0	12.8	75.7	
8/14/2018	67	29.98	761.492	S	0.02	8.3	166	10.3	8.5	72.9	
*9/24/2018	60	29.95	760.73	S	0.03	16.8	336	18.0	3.8	61.4	
*10/15/2018	34	30.2	767.08	S	-0.1	13.7	274	14.5	8.6	63.2	
11/20/2018	19	30.1	764.54	F	0.05	4.3	86	12.0	8.8	74.9	
12/28/2018	22	28.86	733.04	S	2.3	3.3	66	11	10.8	74.9	
*1/7/2019	37	29.51	749.55	S	-0.89	12.8	256	19.2	2.6	65.4	
2/28/2019	9	30.2	767.08	S	-0.07	0.2	4	8.5	10.7	80.6	
3/20/2019	35	29.89	759.206	S	-0.12	1.6	32	12.9	8.9	76.6	
4/8/2019	60	29.74	755.396	F	-0.1	0.1	2	2.8	17.3	79.8	
5/14/2019	61	29.95	760.73	S	-2.46	0.1	2	4.8	15.3	79.8	
6/18/2019	70	29.99	761.746	S	-0.42	0.1	2	2	18.1	79.8	
7/24/2019	71	30.2	767.08	F	-0.46	0.1	2	6.5	11.8	81.6	
8/14/2019	70	30.08	764.032	S	-0.52	0	0	0	20.4	79.5	
9/24/2019	58	29.81	757.17	S	-0.45	1.8	36	14.5	0.7	83	
10/18/2019	52	29.79	756.666	S	-0.53	0.1	2	10.5	8.1	81.3	
11/22/2019	25	29.33	744.982	S	-0.58	0.1	2	1.7	20	78.2	
12/4/2019	31	28.87	733.298	R	-0.6	0.1	2	0.1	20.8	79	
1/7/2020	23	30	762	R	-0.59	2.1	42	10.2	9.5	78.2	
2/25/2020	45	29.42	747.268	R	-11.13	0	0	0.1	21	78.9	
3/17/2020	40	30.27	768.86	R	-4.73	11.7	234	20.4	0.1	67.8	
4/21/2020	40	30.02	762.508	R	-1.88	0	0	0	20.8	79.2	
5/29/2020	77	29.91	739.14	F	-0.05	0	0	0.8	20.3	78.9	
6/5/2020	70	31.15	791.21	S	0.06	0	0	0.3	20.5	79.2	
7/31/2020	72	29.92	759.968	S	-3.24	0.2	4	1	19.2	79.6	
8/11/2020	73	30.01	759.253	S	-3.24	0	4	1	19.3	79.7	
9/29/2020	54	29	733.7	S	-9.49	0	0	0.6	20.3	79.1	
10/6/2020	56	29.84	757.936	F	0.08	0.1	2	1.8	18.8	79.3	
11/5/2020	35	29.05	737.87	S	0.01	0.1	2	0.4	20.4	79.1	
12/10/2020	40	29.94	760.476	S	2.04	0	0	1.7	19	79.3	
1/18/2021	21	29.9	759.46	R	-0.05	0.1	2	0.4	20.8	78.7	
2/2/2021	20	30.32	770.13	F	-0.19	0	0	0.4	21.5	78.1	
3/19/2021	57	30.5	774.7	R	1.66	0	0	0.2	21.4	78.4	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8S (DNR # 785)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
4/13/2021	35	28.94	735.076	R	-0.22	0	0	0.2	21.2	78.6	
5/19/2021	65	30.01	762.254	R	0.03	0	0	0.3	20.3	79.4	
6/16/2021	80	30.03	762.762	R	0.12	0.1	2	0.2	21.2	78.5	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.4	19.5	80	
12/2/2021	41	29.89	759.206	R	0	0	0	0.4	19.8	79.8	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8M (DNR # 786)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.01	0.0		5.6	14.0	80.4	
2/17/2012	40	29.97R			-0.04	0.0		2.9	17.4	79.7	
3/27/2012	68	28.54 R			0.00	0.0%		0.0%	20.7%	79.3%	
6/13/2012	68	28.95S			0.01	0.0%		0.0%	20.6%	79.4%	
8/7/2012	85	28.86S			-0.04	0		0.0%	19.9%	80.1%	
8/15/2012	69	28.71			0.01	0.0%		0.0%	19.8%	80.2%	
9/10/2012	69	28.89F			0.05	0.0%		0.0%	20.1%	79.9%	
10/22/2012	60	28.76R			0.01	0.0%		0.0%	20.3%	79.7%	
10/31/2012	40	30.00F			0	0.0		5.6	13.8	80.6	Blower off
11/7/2012	39	29.03F			0.01	0.0		0.0	20.8	79.2	Blower off
11/19/2012	50	30.06S			0.03	0.0%		3.8%	16.1%	80.1%	Blower off
12/7/2012	34	30.03S			0.01	0.0%		0.1%	21.2%	78.7%	Blower off
12/27/2012	20	30.25F			0.02	0.4		4.7	15.2	79.7	Blower off
1/8/2013	32	29.83F			0.03	1.0		7.1	12.3	79.6	Blower off
1/23/2013	11	30.17S									Blower off
2/12/2013	26	29.90F									Frozen - couldn't sample
2/27/2013	35	29.90R									Frozen - couldn't sample
3/7/2013	38	30.35S									Frozen - couldn't sample
3/27/2013	38	30.34S			0.01	0.7		3.7	17.1	78.5	Blower off
4/2/2013	26	30.30S			-0.15	0.0%		20.0%	19.6%	80.2%	Blower off
4/18/2013	33	28.52F			-0.02	3.6		18.6	0.0	77.8	Blower off
5/13/2013	50	28.81S			-0.04	2.0		5.2	14.3	78.5	Blower off
6/20/2013	80	28.85S			0.06	0.5		2.6	17.4	79.5	
9/17/2013	70	28.95F			-3.83	0.0		0.0	19.7	80.3	
12/18/2013	26	28.62F			-0.36	0.0		7.9	14.7	77.4	
3/18/2014	30	29.78S			-0.29	0.0		0.4	21.5	78.1	
6/10/2014	69	28.85F			-0.26	0.0		0.3	21.3	78.4	
9/3/2014	62	28.79S			-0.01	0.0		0.3	20.8	78.9	
12/12/2014	34	29.00S			-0.45	0.0		2.6	19.2	78.2	
1/15/2015	30	28.79S			0	0.0		3.0	19.1	77.9	
3/13/2015	50	28.90S			0.12	0.0		0.1	21.6	78.3	
6/10/2015	74	28.70S			-1.11	0.0		0.0	21.0	79.0	
9/9/2015	69	25.85S			-1.17	0.0		0.2	20.6	79.2	
12/17/2015	27	28.68S			-0.02	0.0		0.1	21.2	78.7	
3/17/2016	40	28.69S			-0.07	0.0		0.0	21.3	78.7	
6/14/2016	68	28.79	731.27	F	-0.6	0.0		0.0	20.1	79.9	
9/20/2016	73	29.07	738.38	R	0.06	0.0		0.2	19.4	80.4	
12/8/2016	19										No Flow - did not sample
1/16/2017	23	28.96	735.58	F	0.31	0.1		1.0	21.4	77.5	
3/28/2017	38	29.11	739.39	S		0.0		0.0	21.1	78.9	
6/21/2017	68	29.95	760.73	S	0.05	0.0		0.0	20.0	80.0	
9/22/2017	82	29.9	759.46	S	2.44	0		0	20	80	
12/19/2017	35	28.8	731.52	R	-0.03	0		0	20.8	79.2	
3/14/2018	25	28.89	733.806	s							Could not access, under 2" of ice
*6/19/2018	59	28.98	736.092	S	0	0.1	2	0.7	19.8	79.4	
*9/24/2018	60	29.95	760.73	S	0.03	4.9	98	12.3	6.2	76.6	
12/28/2018	22	28.86	733.04	S	-0.89	0	0	0	20.2	79.8	
*1/7/2019	37	29.51	749.55	S	-0.9	3.2	64	14.1	7.9	74.8	
3/20/2019	35	29.89	759.206	S	-0.13	1.7	34	17.1	2.7	78.5	
6/18/2019	70	29.99	761.746	S	-0.43	0.1	2	1.9	17.9	80.1	
9/24/2019	58	29.81	757.17	S	-0.45	0.1	2	11.5	5.7	82.7	
12/4/2019	31	28.87	733.298	R	-0.61	0	0	0	20.8	79.2	
3/17/2020	40	30.27	768.86	R	-0.42	0	0	0.3	20.6	79.1	
6/5/2020	70	31.15	791.21	S	0.96	0	0	0	20.9	79.1	
9/29/2020	54	29	733.7	S	-0.16	0	0	0.1	20.7	79.2	
12/10/2020	40	29.94	760.476	S	2.93	0	0	0.9	20	79.1	
3/19/2021	57	30.5	774.7	R	0.17	0	0	0	21.5	78.5	
6/16/2021	80	30.03	762.762	R	0.11	0.1	2	0	21.5	78.4	

TABLE 9
 GAS PROBE MONITORING
 Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8M (DNR # 786)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.1	20.1	79.7	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.3	79.6	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8D (DNR # 787)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.12	0.0		10.2	5.1	84.7	
2/17/2012	40	29.97R			-0.04	0.0		5.1	15.3	79.6	
3/27/2012	68	28.54 R			0.00	0.0%		0.1%	20.7%	79.2%	
6/13/2012	68	28.95S			0.08	0.0%		0.0%	20.6%	79.4%	
8/7/2012	85	28.86S			0.05	0.0%		0.0%	20.2%	79.8%	
8/15/2012	69	28.71			0.04	0.0%		0.0%	19.9%	80.1%	
9/10/2012	69	28.89F			0.09	0.0%		0.0%	20.1%	79.9%	
10/22/2012	60	28.76R			0	0.0%		0.0%	20.6%	79.4%	
10/31/2012	40	30.00F			0.02	0.0		8.5	11.5	80.0	Blower off
11/7/2012	39	29.03F			-0.02	0.0		0.0	20.9	79.1	Blower off
11/19/2012	50	30.06S			0.69	0.0%		6.1%	13.5%	80.4%	Blower off
12/7/2012	34	30.03S			0.03	0.0%		0.0%	21.3%	78.7%	Blower off
12/27/2012	20	30.25F			0.06	0.0		4.9	14.8	80.3	Blower off
1/8/2013	32	29.83F			-4.63	0.1		10.1	8.4	81.4	Blower off
1/23/2013	11	30.17S			0.01	0.0		10.1	8.5	81.4	Blower off
2/12/2013	26	29.90F			0.21	0.0		10.6	7.0	82.4	Blower off
2/27/2013	35	29.90R			0	0.0%		0.6%	20.1%	79.3%	Blower off
3/7/2013	38	30.35S			0.06	0.0%		0.4%	20.2%	79.4%	Blower off
3/27/2013	38	30.34S			0	0.0		0.0	20.3	79.7	Blower off
4/2/2013	26	30.30S			-0.15	0.0%		0.0%	19.8%	80.2%	Blower off
4/18/2013	33	28.52F			0.1	0.0%		12.8%	3.4%	83.8%	Blower off
5/13/2013	50	28.81S			0.06	0.1%		0.7%	19.3%	79.9%	Blower off
6/20/2013	80	28.85S			0.14	0.0		1.7	18.6	79.7	
9/17/2013	70	28.95F			0.08	0.0		0.0	19.7	80.3	
12/18/2013	26	28.62F			-0.3	0.0		13.2	10.7	76.1	
3/18/2014	30	29.78S			-0.3	0.0		0.1	21.8	78.1	
6/10/2014	69	28.85F			-6.18	0.0		0.2	21.3	78.5	
9/3/2014	62	28.79S			0.07	0.0		0.2	20.9	78.9	
12/12/2014	34	29.00S			0.04	0.0		5.2	16.2	78.6	
1/15/2015	30	28.79S			7.7	0.0		5.6	16.6	77.8	
3/13/2015	50	28.90S			0.16	0.0		0.9	20.3	78.8	
6/10/2015	74	28.70S			-5.88	0.0		0.0	21.0	79.0	
9/9/2015	69	25.85S			-6.32	0.0		0.2	20.6	79.2	
12/17/2015	27	28.68S			-0.04	0.0		0.1	21.3	78.6	
3/17/2016	40	28.69S			-0.13	0.0		0.0	21.3	78.7	
6/14/2016	68	28.79	731.27	F	-0.54	0.0		0.3	20.0	79.7	
9/20/2016	73	29.07	738.38	R	0.07	0.0		0.2	19.5	80.3	
12/8/2016	19	29.27	743.46	R	-0.12	0.1		0.1	21.0	78.8	
1/16/2017	23	28.96	735.58	F	0.44	0.1		3.6	17.0	79.3	
3/28/2017	38	29.11	739.39	S		0		0	21.1	78.9	
6/21/2017	68	29.95	760.73	S	0.06	0		0	20	80	
9/22/2017	82	29.9	759.46	S	1.89	0		0	20	80	
12/19/2017	35	28.8	731.52	R	-5.14	0		0	20.8	79.2	
3/14/2018	25	28.89	733.806	s				Could not access, under 2" of ice			
*6/19/2018	59	28.98	736.092	S	0.04	0.5	10	0.8	19.7	79	
*9/24/2018	60	29.95	760.73	S	0.22	0.1	2	6.2	3.7	90	
12/28/2018	22	28.86	733.04	S	-1.07	0	0	0	20.5	79.5	
*1/7/2019	37	29.51	749.55	S	-0.96	0.1	2	13.9	1.4	84.6	
3/20/2019	35	29.89	759.206	S	-0.15	0	0	13.3	2.2	84.5	
6/18/2019	70	29.99	761.746	S	-0.44	0.1	2	1.9	18	80	
9/24/2019	58	29.81	757.17	S	-0.28	0.1	2	8.6	9.6	81.7	
12/4/2019	31	28.87	733.298	R	-0.81	0	0	0	20.9	79.1	
3/17/2020	40	30.27	768.86	R	0.03	0	0	0.4	20.5	79.1	
6/5/2020	70	31.15	791.21	S	0	0	0	0	20.9	79.1	
9/29/2020	54	29	733.7	S	0.02	0	0	1.6	19.3	79.1	
12/10/2020	40	29.94	760.476	S	0	0	0	0.2	21.2	78.6	
3/19/2021	57	30.5	774.7	R	0	0	0	0	21.5	78.5	
6/16/2021	80	30.03	762.762	R	0.29	0.1	2	0	21.3	78.6	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0	20.3	79.6	

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 8D (DNR # 787)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.2	79.7	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 9 (DNR # 788)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.1	0.0%		2.9%	16.4%	81.7%	
3/27/2012	68	28.54 R			0.00	0.0%		0.0%	20.5%	79.5%	
6/13/2012	68	28.94S			0.21	0.0%		0.0%	20.6%	79.4%	
9/10/2012	69	28.89F			0.07	0.0%		0.0%	20.0%	80.0%	
10/22/2012	60	28.76R			0	0.0%		0.0%	20.5%	79.5%	
10/31/2012	40	30.00F			0.1	0.0		1.6	18.9	79.5	Blower off
11/7/2012	39	29.03F			-0.04	0.0		2.0	18.4	79.6	Blower off
11/19/2012	50	30.06S			0.06	0.0%		0.3%	19.9%	79.8%	Blower off
12/7/2012	34	30.03S			0.39	0.0%		0.0%	21.4%	78.6%	Blower off
12/27/2012	20	30.25F			0.06	0.0		1.5	19.5	79.0	Blower off
1/8/2013	32	29.83F			0.58	0.0		2.4	17.9	79.7	Blower off
1/23/2013	11	30.17S			0	0.0		3.0	18.0	79.0	Blower off
3/27/2013	38	30.34S			0.15	0.0		2.7	16.0	81.2	Blower off
4/18/2013	33	28.52F			0.27	0.0%		3.7%	15.3%	81.0%	Blower off
5/13/2013	50	28.81S			0.37	0.0%		0.4%	18.5%	81.1%	Blower off
6/20/2013	80	28.85S			0.21	0.0%		0.0%	19.5%	80.5%	
9/17/2013	70	28.95F			0.16	0.0		0.5	18.7	80.8	
12/18/2013	26	28.62F			0.46	0.0%		4.4%	15.1%	80.5%	
3/18/2014	30	29.78S			-0.2	0.0%		3.8%	15.5%	80.7%	
6/10/2014	69	28.85F			-0.25	0.0%		1.1%	20.1%	78.8%	
9/3/2014	62	28.79S			0.16	0.0%		0.5%	20.5%	79.0%	
12/12/2014	34	29.00S			0.09	0.0%		2.8%	17.7%	79.5%	
3/13/2015	50	28.90S			0.18	0.0%		2.2%	18.0%	79.8%	
6/10/2015	74	28.70S			-1.12	0		0	21	79	
9/9/2015	69	25.85S			-1.18	0		0.2	20.6	79.2	
12/17/2015	27	28.68S			-0.07	0		3.2	16.8	80	
3/17/2016	40	28.69S			-0.27	0		0	21.2	78.8	
6/14/2016	68	28.79	731.27	F	0.48	0		2.1	17.9	80	
9/20/2016	73	29.08	738.63	R	0.05	0		1	18.4	80.6	
12/8/2016	19	29.27	743.46	R	-0.32	0.1		3.3	17.5	79.1	
1/16/2017	23	28.98	736.09	F	0.55	0.1		3	18.1	78.8	
3/28/2017	38	29.11	739.39	S		0		0	21	79	
6/21/2017	68	29.95	760.73	S	0.07	0		0	20.1	79.9	
9/22/2017	82	29.9	759.46	S	-3.66	0		0	19.7	80.3	
12/19/2017	35	28.8	731.52	R	-0.35	0		0	21.3	78.7	
3/14/2018	25	28.89	733.806	s	0.18	0	0	0	19.5	80.5	
*6/19/2018	59	28.98	736.092	S	0.1	0	0	0	20.8	79.2	
*9/24/2018	60	29.95	760.73	S	0.43	0.1	2	0.6	18.7	80.6	
12/28/2018	22	28.86	733.04	S	-0.46	0	0	2.4	18.2	79.4	
3/20/2019	35	29.89	759.206	S				Could not access			
6/18/2019	70	29.99	761.746	S	-0.12	0.1	2	0	20.1	79.8	
9/24/2019	58	29.81	757.17	S	-0.07	0.1	2	0.3	19.5	80.1	
12/4/2019	31	28.87	733.298	R	-0.95	0	0	2.2	18.5	79.3	
3/17/2020	40	30.27	768.86	R	0.12	0	0	0.1	20.8	79.1	
6/5/2020	70	31.15	791.21	S	-0.19	0	0	0	21	79	
9/29/2020	54	29	733.7	S	-6.63	0	0	0.1	20.9	79	
12/10/2020	40	29.94	760.476	S	0.11	0	0	0.2	20.9	78.9	
3/19/2021	57	30.5	774.7	R	-0.04	0	0	0	21.5	78.5	
6/16/2021	80	30.03	762.762	R	0.36	0.1	2	0	21.5	78.4	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.1	20	79.8	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.1	79.7	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: GMW - 10 (DNR # 789)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.21	0.0%		2.0%	14.7%	83.3%	
3/27/2012	68	28.54 R			0.00	0.0%		0.0%	20.5%	79.5%	
6/13/2012	68	28.94S			0.22	0.0%		0.0%	20.6%	79.4%	
9/10/2012	69	28.89F			0.2	0.0%		0.0%	19.9%	80.1%	
10/22/2012	60	28.76R			0	0.0%		0.0%	20.6%	79.4%	
12/7/2012	34	30.03S			0.03	0.0		0.0	21.4	78.6	Blower off
12/27/2012	20	30.25F			0.11	0.0		2.9	15.2	81.9	Blower off
1/8/2013	32	29.83F			0.2	0.0		2.9	14.9	82.2	Blower off
1/23/2013	11	30.17S			-0.01	0.0		2.7	16.9	80.4	Blower off
3/27/2013	38	30.34S			0.65	0.0		2.2	14.4	83.3	Blower off
4/18/2013	33	28.52F			0.75	0.0%		3.0%	15.0%	82.0%	Blower off
5/13/2013	50	28.81S			0.38	0.0%		2.8%	14.0%	83.2%	Blower off
6/20/2013	80	28.85S			0.23	0.0%		0.1%	19.3%	80.6%	
9/17/2013	70	28.95F			0.21	0.0		1.0	17.1	81.9	
12/18/2013	26	28.62F			-0.15	0.0%		2.1%	15.2%	82.7%	
3/18/2014	30	29.78S									Under ice and water
6/10/2014	69	28.85F			1.41	0.0%		1.1%	19.3%	79.6%	
9/3/2014	62	28.79S			0.37	0.0%		0.4%	20.6%	79.0%	
12/12/2014	34	29.00S			0.23	0.0%		1.2%	18.2%	80.6%	
3/13/2015	50	28.90S			0.16	0		0.1	21.8	78.1	
6/10/2015	74	28.70S			-1.14	0		0	20.9	79.1	
9/9/2015	69	25.85S			-1.25	0.1		0.2	20.7	79.1	
12/17/2015	27	28.68S			-0.11	0		0.1	20.7	79.2	
3/17/2016	40	28.69S			-0.36	0		0	21.2	78.8	
6/14/2016	68	28.79	731.27	F	-0.53	0		1.2	17.2	81.6	
9/20/2016	73	29.08	738.63	R	0.09	0		0.1	19.4	80.5	
12/8/2016	19	29.27	743.46	R	-0.47	0.1		0.1	20.9	78.9	
1/16/2017	23	28.95	735.33	F	0.52	0.1		0.6	21.1	78.2	
3/28/2017	38	29.11	739.39	S		0		0	21	79	
6/21/2017	68	29.95	760.73	S	-0.07	0		0	20	80	
9/22/2017	82	29.9	759.46	S	2.41	0		0.1	19.9	80	
12/19/2017	35	28.8	731.52	R	0.32	0		0.1	20.8	79.1	
3/14/2018	25	28.89	733.806	s	0.18	0	0	1.4	18.4	80.2	
*6/19/2018	59	28.98	736.092	S	0.12	0	0	0	20.8	79.2	
*9/24/2018	60	29.95	760.73	S	0.6	0.1	2	0.8	17.4	81.7	
12/28/2018	22	28.86	733.04	S	-1.42	0	0	0	19.7	80.3	
3/21/2019	35	29.89	759.206	S	-0.11	0	0	0	21	79	
6/18/2019	70	29.99	761.746	S	-0.43	0.1	2	0.1	20.1	79.7	
9/24/2019	58	29.81	757.17	S	-0.03	0.1	2	0.6	17.8	81.5	
12/4/2019	31	28.87	733.298	R	-9.85	0.1	2	0	20.9	79	
3/17/2020	40	30.27	768.86	R	0.13	0	0	0.1	20.8	79.1	
6/5/2020	70	31.15	791.21	S	-0.27	0	0	0	20.9	79.1	
9/29/2020	54	29	733.7	S	-4.98	0	0	0.8	18.5	80.7	
12/10/2020	40	29.94	760.476	S	3.69	0	0	0.1	21.2	78.7	
3/19/2021	57	30.5	774.7	R	-0.04	0	0	0	21.5	78.5	
6/16/2021	80	30.03	762.762	R	0.32	0.1	2	0	21.5	78.4	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.7	18.2	81	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.2	79.7	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: MW - 4 (DNR # 004)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.05	0.0%		3.3%	16.2%	80.5%	
3/27/2012	68	28.54 R			0.00	0.0%		0.1%	20.6%	79.2%	
6/13/2012	68	28.93S			0.08	0.0%		2.6%	16.8%	80.6%	
9/10/2012	69	28.89F			0.07	0.0%		3.8%	14.4%	81.8%	
10/22/2012	60	28.76R			0	0.0%		0.0%	20.5%	79.5%	
10/31/2012	40	30.00F			0.05	0.0		4.8	12.2	83.0	Blower off
12/7/2012	34	30.03S			0.69	0.0%		2.7%	17.8%	79.5%	Blower off
3/27/2013	38	30.34S			0	0.0		0.0	20.8	79.2	Blower off
6/20/2013	80	28.85S			0.68	0.0%		0.2%	19.0%	80.8%	
9/17/2013	70	28.95F			0.06	0.0		4.0	13.1	82.9	
12/18/2013	26	28.62F			-0.3	0.0%		3.1%	17.5%	79.4%	
3/18/2014	30	29.78S			-0.36	0.0%		0.1%	22.4%	77.5%	
6/10/2014	69	28.85F			-0.22	0.0%		2.8%	15.1%	82.1%	
9/3/2014	62	28.79S			0.01	0.0%		2.0%	17.9%	80.1%	
12/12/2014	34	29.00S			-0.01	0.0%		2.8%	18.3%	78.9%	
3/13/2015	50	28.90S			0.16	0.0%		0.3%	21.5%	78.2%	
6/10/2015	74	28.70S			-1.16	0.0%		0.1%	21.0%	78.9%	
9/9/2015	69	25.85S			-1.17	0.0%		0.0%	20.9%	79.1%	
12/17/2015	27	28.68S			-0.04	0.0%		0.1%	20.8%	79.1%	
3/17/2016	40	28.69S			-0.08	0.0%		0.0%	21.3%	78.7%	
6/14/2016	68	28.79	731.27	F	-0.6	0.0%		0.0%	20.4%	79.6%	
9/20/2016	73	29.10	739.14	R	0.48	0.0%		0.0%	19.6%	80.4%	
12/1/2016	33	28.81	731.77	R	-0.05	0.1%		0.1%	19.9%	79.9%	
3/28/2017	38	29.12	739.65	S		0%		0%	21%	79%	
6/21/2017	68	29.95	760.73	S	0.06	0.0%		0.0%	20.1%	79.9%	
9/22/2017	82	29.9	759.46	S	2.22	0		0	19.9	80.1	
12/19/2017	35	28.8	731.52	R	-0.03	0		0	21.1	78.9	
3/14/2018	25	28.89	733.806	S	-0.03	0	0	2.3	19.8	77.9	
*6/19/2018	59	28.98	736.092	S	0.01	0	0	0.4	19.3	80.3	
*9/24/2018	60	29.95	760.73	S	0.02	0.2	4	2.9	15.4	81.5	
12/28/2018	22	28.86	733.04	S	-30.49	0	0	0.1	21.6	78.3	
3/20/2019	35	29.89	759.206	S	-0.14	0	0	0.1	20.9	79	
6/18/2019	70	29.99	761.746	S	0.17	0	0	0	20.1	79.9	
9/24/2019	58	29.81	757.17	S	-0.44	0.8	16	0.4	19.2	79.6	
12/4/2019	31	28.87	733.298	R	1.45	0.1	2	0	20.9	79	
3/17/2020	40	30.27	768.86	R	0.41	0.1	2	0.2	20.8	78.9	
6/5/2020	70	31.15	791.21	S	1.72	0	0	0	20.8	79.2	
9/29/2020	54	29	733.7	S	0.01	0	0	0.4	19	80.6	
12/10/2020	40	29.94	760.476	S	1.42	0	0	0.1	21.2	78.7	
3/19/2021	57	30.5	774.7	R	0.97	0	0	0	21.3	78.7	
6/16/2021	80	30.03	762.762	R	0.77	0.1	2	0	21.2	78.7	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0	20.1	79.8	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.1	79.8	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: MW-7 (DNR # 007)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0.07	0.0%		9.4%	3.3%	87.3%	
3/27/2012	68	28.54 R			4.00	0.0%		0.2%	20.2%	79.6%	
6/13/2012	68	28.96S			0.08	0.0%		0.0%	20.4%	79.6%	
9/10/2012	69	28.89F			0.13	0.0%		3.6%	16.5%	79.9%	
10/22/2012	60	28.76R			0	0.0%		0.0%	20.5%	79.5%	
10/31/2012	40	30.00F			0.08	0.0		4.2	13.6	82.2	Blower off
12/7/2012	34	30.03S			0	0.0%		0.0%	21.0%	79.0%	Blower off
3/27/2013	38	30.34S			0	0.0		0.0	20.5	79.5	Blower off
6/20/2013	80	28.85S			1.37	0.0%		0.0%	18.7%	81.3%	
9/17/2013	70	28.95F			0.82	0.0		3.8	16.6	79.6	
12/18/2013	26	28.62F			0.6	0.0%		5.9%	16.1%	78.0%	
3/18/2014	30	29.78S			-0.36	0.0%		0.1%	22.4%	77.5%	
6/10/2014	69	28.85F			0.79	0.0%		0.1%	21.2%	78.7%	
9/3/2014	62	28.79S			0.78	0.0%		0.1%	20.8%	79.1%	
12/12/2014	34	29.00S			0	0.0%		0.3%	21.5%	78.2%	
3/13/2015	50	28.90S			0.15	0.0%		0.3%	21.3%	78.4%	
6/10/2015	74	28.70S			-1.24	0.0%		0.1%	21.1%	78.8%	
9/9/2015	69	25.85S			-1.17	0.0%		0.1%	20.7%	79.2%	
12/17/2015	27	28.68S			-0.01	0.0%		0.1%	21.1%	78.8%	
3/17/2016	40	28.69S			-0.15	0.0%		0.0%	21.5%	78.5%	
6/14/2016	68	28.8	731.52	F	-0.56	0.0		2.5	17.7	79.8	
9/20/2016	73	29.08	738.63	R	-0.01	0.0%		0.0%	19.8%	80.2%	
12/1/2016	33	28.81	731.77	R	-0.16	0.1%		0.1%	20.2%	79.6%	
3/28/2017	38	29.15	740.41	S		0		0	21	79	
6/21/2017	68	29.95	760.73	S	0	0.0		0.0	20.1	79.9	
9/22/2017	82	29.9	759.46	S	1.51	0		0	20	80	
12/19/2017	35	28.8	731.52	R	-0.08	0		0	21.4	78.6	
3/14/2018	25	28.89	733.806	S	0.06	0	0	3.3	16.5	80.2	
*6/19/2018	59	28.98	736.092	S	0.01	0	0	4.4	16.9	78.7	
*9/24/2018	60	29.95	760.73	S	0.29	0.1	2	1.9	17.6	80.4	
12/28/2018	22	28.86	733.04	S	-1.18	0	0	0	21.6	78.4	
3/20/2019	35	29.89	759.206	S	0.69	0	0	0.3	20.8	78.9	
6/18/2019	70	29.99	761.746	S	0.41	0.1	2	1.9	17.9	80.1	
9/24/2019	58	29.81	757.17	S	0.84	0.1	2	1.9	17.8	80.2	
12/4/2019	31	28.87	733.298	R	1.04	0.1	2	0.1	21	78.8	
3/17/2020	40	30.27	768.86	R	0.8	0	0	0.2	20.5	79.3	
6/5/2020	70	31.15	791.21	S	2.28	0	0	0	21.1	78.9	
9/29/2020	54	29	733.7	S	1.36	0	0	0	21	79	
12/10/2020	40	29.94	760.476	S	0.34	0	0	0.1	21.3	78.6	
3/20/2021	57	30.5	774.7	R	1.31	0	0	0	21.3	78.7	
6/16/2021	80	30.03	762.762	R	0.9	0.1	2	0	21.5	78.4	
9/13/2021	67	29.97	761.24	R	0	0.1	2	1.1	18.3	80.5	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.1	79.8	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 9
GAS PROBE MONITORING
Junker Sanitary Landfill FID # 656026800

PROBE NUMBER: MW - 13 (DNR # 019)

DATE	AMBIENT TEMP °F	BARO PRESS & TREND IN Hg	BARO PRESS mm HG	BARO PRESS TREND	STATIC PRESSURE in H2O	METHANE % CH4	METHANE % LEL	CARBON DIOXIDE % CO2	OXYGEN % O2	BALANCE GAS % GAS	COMMENTS
1/10/2012	48	29.85F			0	0.0%		0.0%	20.7%	79.3%	
4/4/2012	68	28.9			0.26	0.0%		1.3%	18.7%	79.9%	
6/13/2012	68	28.91S			0.19	0.1%		1.9%	18.8%	79.2%	
9/10/2012	69	28.89F			0	0.0%		2.1%	18.5%	79.4%	
10/31/2012	40	30.00F			-0.02	0.0		2.5	16.5	81.0	Blower off
12/7/2012	34	30.03S			0.01	0.0%		1.0%	19.2%	79.8%	Blower off
1/8/2013	32	29.83F			0.05	0.0		3.4	17.0	79.6	Blower off
3/27/2013	38	30.34S			-0.02	0.0		0.0	20.7	79.3	Blower off
6/20/2013	80	28.85S			0.04	0.0%		1.3%	17.9%	80.8%	
9/17/2013	70	28.95F			0.11	0.0		2.2	17.4	80.4	
12/18/2013	26	28.62F			-0.37	0.0%		1.3%	18.9%	79.8%	
3/18/2014	30	29.78S			-0.29	0.0%		0.3%	21.5%	78.2%	
6/10/2014	69	28.85F			-0.22	0.0%		1.3%	19.7%	80.0%	
9/3/2014	62	28.79S			0.12	0.0%		5.0%	18.8%	79.7%	
12/12/2014	34	29.00S			-0.04	0.0%		1.8%	19.3%	78.9%	
3/13/2015	50	28.90S			0.15	0.0%		0.9%	20.7%	78.4%	
6/10/2015	74	28.70S			-1.11	0.0%		0.0%	21.2%	78.8%	
9/9/2015	69	25.85S			-1.19	0.0%		0.1%	20.8%	79.1%	
12/17/2015	27	28.68S			-0.06	0.0%		0.1%	21.7%	78.2%	
3/17/2016	40	28.69S			-0.11	0.0%		0.0%	21.4%	78.6%	
6/14/2016	68	28.8	731.52	F	-0.62	0.0%		0.0%	20.4%	79.6%	
9/20/2016	73	29.02	737.11	R	0.01	0.1%		0.0%	19.8%	80.1%	
12/29/2016	29	28.81	731.77	R	-1.06	0.1%		0.0%	20.5%	79.4%	
3/28/2017	38	29.08	738.63	S		0		1.1	19.8	79.1	
6/21/2017	68	29.95	760.73	S	0.14	0.1		0.8	19.2	79.9	
9/22/2017	82	29.9	759.46	S	1.49	0		0.1	20.4	79.5	
12/19/2017	35	28.8	731.52	R	-0.02	0		0	20.4	79.6	
3/14/2018	25	28.89	733.806	S	0.04	0	0	2.1	19	78.9	
*6/19/2018	59	28.98	736.092	S	0.01	0	0	0.9	19.7	79.4	
*9/24/2018	60	29.95	760.73	S	-9.34	0.1	2	1.7	17.5	80.7	
12/28/2018	22	28.86	733.04	S	-0.91	0	0	0	21.7	78.3	
3/20/2019	35	29.89	759.206	S				Could not access			
6/18/2019	70	29.99	761.746	S	-0.58	0	0	0	20.2	79.8	
9/24/2019	58	29.81	757.17	S	-0.47	0.1	2	1.7	18.3	79.9	
12/4/2019	31	28.87	733.298	R	-0.6	0	0	0	20.5	79.5	
3/17/2020	40	30.27	768.86	R	0	0	0	1	19.4	79.6	
6/5/2020	70	31.15	791.21	S	0.08	0	0	0	21.4	78.6	
9/29/2020	54	29	733.7	S	0.01	0	0	0	19.8	80.2	
12/10/2020	40	29.94	760.476	S	-0.03	0	0	0.1	21.2	78.7	
3/21/2021	57	30.5	774.7	R	0	0	0	0	20.6	79.4	
6/16/2021	80	30.03	762.762	R	0	0	0	0.1	20.5	79.4	
9/13/2021	67	29.97	761.24	R	0	0.1	2	0.9	19.1	79.9	
12/2/2021	41	29.89	759.206	R	0	0	0	0.1	20.1	79.8	

R: Rising; S: Same; F: Falling

LEL of methane is 5.0%

*Manually restarted blower system

TABLE 10
GROUNDWATER ELEVATIONS

Junker Sanitary Landfill FID # 656026800

Date	MONITORING WELLS																				
	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15A	MW-15B	MW-15C	MW-16	MW-16B	MW-17A	MW-17B	MW-18A	MW-18B
Top of Casing	986.92	1017.64	-	1009.68	1013.01	1003.34	1006.57	1006.18	1034.16	1065.54	1011.85	970.75	924.29	924.52	924.66	915.13	896.1	910.28	910.49	865.43	865.54
*Top of Casing	-	-	-	1010.04	-	1003.66	1007.64	1008.33	-	-	-	-	-	-	-	-	-	-	-	-	-
8/2/2011	894.8	896.84	-	896.63	898.23	897.59	897.51	896.83	900.13	907.42	898.09	896.05	849.85	847.96	847.8	849.64	-	-	-	-	-
6/12/2012	894.29	896.77	-	896.28	898.17	898.66	897.37	896.45	900.19	907.53	897.95	895.82	dry	847.82	847.66	849.72	-	-	-	-	-
6/24/2013	893.7	896.34	-	dry	897.91	897.06	896.96	896.15	899.86	906.86	897.53	895.35	dry	846.85	846.84	848.66	-	-	-	-	-
6/18/2014	894.74	897.26	-	897.21	898.66	898.02	897.9	896.98	900.61	907.97	898.33	896.84	849.2	849.38	849.39	851.12	-	-	-	-	-
6/8/2015	896.37	897.84	-	897.77	899.25	898.55	898.47	898.08	901.51	908.93	899.01	897.44	850.27	850.36	850.77	852.27	-	-	-	-	-
6/16/2016	896.51	897.72	-	897.65	899.11	898.44	898.36	898.00	901.31	908.39	898.93	897.32	850.32	850.42	850.41	852.31	-	-	-	-	-
6/5/2017	898.1	898.4	-	898.35	899.73	899.13	899.05	898.8	902.19	908.74	899.9	899.03	852.85	852.92	853.3	854.33	-	-	-	-	-
6/22/2018	dry	898.21	-	898.15	899.88	898.91	899.16	898.28	901.83	909.05	899.42	898.05	851.14	851.17	851.78	853.09	-	-	-	-	-
6/17/2019	dry	899.08	-	898.99	900.62	899.94	899.99	899.7	902.31	908.64	900.17	899.27	852.94	-	853.38	854.88	-	-	-	-	-
6/16/2020	-	901.46	-	901.45	902.56	903.72	902.06	901.89	904.49	910.52	902.39	901.91	855.19	855.17	855.58	857.07	-	-	-	-	-
6/17/2021	900.18	900.78	-	900.6	901.91	901.32	901.18	900.95	903.95	910.69	901.79	901.26	853.96	853.97	854.36	855.8	-	-	-	-	-
6/22/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	855.39	857.83	852.11	850.22	850.53
6/30/2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	855.26	857.72	852.29	850.06	850.41

Notes:
 Groundwater Elevations recorded in feet above sea level
 Reference elevations for top of casing elevations from Wenck, July 1995
 Groundwater elevations from 8/2/11 from AllPhase, all others from Cedar
 *Resurveyed MW-6, 8, 9, 10 on 7/8/21

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-3										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.6	8.9	8.3	7.3	6.6	9.14	DRY	DRY		7.63
Field Temperature °C	10.5	11.4	12.1	12.5	10.4	12.3				17.5
Field Odor	N	N	N	N	N	N	Well	Well	Well	N
Field Color	Y	Y	Y	Y	N	N				N
Field Conductivity µS/cm	349	401	359	390	390	430	Not	Not	Broken	417
Field Turbidity	Y	Y	Y	Y	N	N				Y
Alkalinity mg/L	200	250	180	190	220	210	Sampled	Sampled		188
Hardness as CaCO3 mg/L	250	220	180	200	230	230				188
Chloride mg/L	13	43	15	15	12	-				12.7
Chemical Oxygen Demand mg/L	15	<8.0	8.5	13	6.8	19				17.2
Iron mg/L	6	3.6	4.1	4.4	7.4	7.4				8.8
Manganese mg/L	0.24	0.31	0.28	0.24	0.35	0.23				0.3
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38				<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35				<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41				<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39				<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36				<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39				<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39				<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43				<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25				<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15				<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51				<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32				<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41				<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42				<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49				<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27				<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67				<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18				<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45				<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-3										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28				<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39				<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39				<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6				<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34				<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39				<0.39
Tetrachloroethene	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37				<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15				<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35				<0.35
Trichloroethene	<u>4.2</u>	<u>4.7</u>	<u>4.1</u>	<u>3.6</u>	<u>2.6</u>	<u>3</u>				<u>1.5</u>
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43				<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20				<0.2
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22				<0.22
SVOCs in µg/L										
Acenaphthene	<0.34	<0.092	<0.25	<0.23						
Acenaphthylene	<0.3	<0.10	<0.21	<0.20						
Anthracene	<0.3	<0.14	<0.27	<0.25						
Benzo[a]anthracene	<0.041	<0.049	<0.045	<0.043						
Benzo[a]pyrene	<0.052	<0.056	<0.079	<0.075						
Benzo[b]fluoranthene	<0.054	<0.061	<0.064	<0.061						
Benzo[g,h,i]perylene	<0.39	<0.36	<0.30	<0.28						
Benzo[k]fluoranthene	<0.069	<0.13	<0.051	<0.048						
Benzoic acid	<4.3	<2.3	<4.6	<4.4						
Benzyl alcohol	<2.9	<1.9	<4.8	<4.6						
Bis(2-ethylhexyl) phthalate	-	-	-	-						
Chrysene	<0.13	<0.070	<0.054	<0.052						
Dibenz(a,h)anthracene	0.1	<0.085	<0.040	<0.038						
Dibenzofuran	<0.33	<0.13	<0.21	<0.20						
Diethyl phthalate	<0.41	<0.13	<0.29	<0.27						
Dimethyl phthalate	<0.36	<0.12	<0.25	<0.24						
Di-n-butyl phthalate	<0.75	<0.61	<0.58	<0.55						
Di-n-octyl phthalate	<2.3	<1.2	<0.84	<0.79						

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-3										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Fluoranthene	<0.3	<0.15	<0.36	<0.34						
Fluorene	<0.36	<0.12	<0.19	<0.18						
Indeno[1,2,3-cd]pyrene	0.1	<0.057	<0.30	<0.057						
Naphthalene	<0.28	<0.12	<0.25	<0.23						
Pentachlorophenol	<5.2	<1.3	<3.1	<3.0						
Phenanthrene	<0.33	<0.16	<0.24	<0.23						
Phenol	<0.34	<0.47	<0.53	<0.51						
Pyrene	<0.45	<0.17	<0.34	<0.32						

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-4										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/18/2019	6/16/2020	6/17/2021
Field pH	7.8	9.6	7.6	7.3	6.5	6.65	7.57	7.64	7.55	7.5
Field Temperature °C	11.6	11.4	12.6	N	11	11.4	16.3	13.2	4.5	16.8
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	Y	Y	Y	N	N	N	N	N	N	N
Field Conductivity µS/cm	582	452	494	447	447	490	499	573	570	501
Field Turbidity	Y	Y	Y	N	N	N	N	N	N	N
Alkalinity mg/L	220	250	210	200	220	210	207	198	206	205
Hardness as CaCO3 mg/L	270	260	260	250	260	240	243	251	251	246
Chloride mg/L	13	14	18	14	15	17	14.8	18.4	15.5	16
Chemical Oxygen Demand mg/L	16	<8.0	<6.1	15	<6.1	10	<6.0	9.1 J	7.3 J	15.7
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<.010	<0.082	<0.082	<0.082	<0.082	<0.082
Manganese mg/L	0.0018	<0.00094	<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.46	<0.46	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.40	<0.40	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-4										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/18/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<u>2.9</u> J	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.37	0.46 J B	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>1.9</u>	<u>2.5</u>	<u>1.3</u>	<u>1.3</u>	<u>1</u>	<u>0.75</u>	<u>0.89</u>	<u>1</u>	<u>0.88</u>	<u>0.98</u>
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-6										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.3	DRY	7.6	7	6.5	8.03	7.31	7.34	7.05	7.13
Field Temperature °C	11.4		13.2	13	11.3	12.8	15.8	11.7	4.3	21.6
Field Odor	N	Well	N	N	N	N	N	N	N	N
Field Color	N		Y	N	N	N	N	Y	Y	Y
Field Conductivity µS/cm	826	Not	717	522	522	610	645	723	1535	615
Field Turbidity	Y		Y	N	N	N	N	Y	Y	Y
Alkalinity mg/L	370	Sampled	260	240	260	250	251	235	256	163
Hardness as CaCO3 mg/L	200		360	300	300	310	295	351	302	304
Chloride mg/L	20		44	28	32	43	27.8	38.2	37.7	30.9
Chemical Oxygen Demand mg/L	10		25	6.5	<6.1	14	<6.0	52.8	28.6	52.5
Iron mg/L	<0.07		<0.043	<0.10	<0.10	<0.082	<0.082	<0.082	<0.082	<0.082
Manganese mg/L	0.0052		<0.0020	0.0043	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	0.0029
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20		<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28		<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19		<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31		<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14		<0.14	<0.14	<0.34	<0.34	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36		<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28		<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20		<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18		<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074		<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34		<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18		<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12		<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18		<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32		<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33		<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20		<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13		<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26		<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-6										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15		<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14		<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24		<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68		<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<u>2.5</u>
Naphthalene	<0.16		<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1		<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	0.48		<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	<0.11		<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25		<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>0.69</u>		<0.19	<u>1.4</u>	<0.16	<0.16	0.27	0.17 J	<0.16	<0.16
Trichlorofluoromethane	<0.19		<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10		<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068		<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-7										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/18/2019	6/16/2020	6/17/2021
Field pH	7.6	8.3	8	7.3	6.2	6.68	7.68	7.37	7.55	7.52
Field Temperature °C	10	10.9	11.8	11	10	11.3	15.6	12.9	5.5	19.8
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	Y	N	N	N	N	N	N	Y	N	N
Field Conductivity µS/cm	451	421	453	477	477	540	560	611	592	500
Field Turbidity	Y	Y	Y	N	N	N	N	Y	Y	Y
Alkalinity mg/L	200	230	190	200	220	220	207	202	207	206
Hardness as CaCO3 mg/L	260	240	230	260	280	270	254	272	220	253
Chloride mg/L	12	13	20	22	23	27	25.4	30.5	17.4	16.9
Chemical Oxygen Demand mg/L	<5.8	<8.0	8.5	<6.1	6.2	<6.0	<6.0	11.7	17.7	16.7
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<0.10	<0.082	<0.082	<0.082	<0.082	<0.082
Manganese mg/L	<0.0011	<0.00094	<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloroform	-	-	-	-	-	-	-	0.48 J	<0.37	<0.37
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-7										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/18/2019	6/16/2020	6/17/2021
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<u>2.8</u> J	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.37	<u>0.55</u> J B	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>4.7</u>	<u>3.6</u>	<u>2.7</u>	<u>1.6</u>	<u>1</u>	<u>0.96</u>	<u>0.78</u>	<u>0.99</u>	<u>0.81</u>	<u>0.8</u>
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-8										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/17/2019	6/23/2020	6/17/2021
Field pH	7.5	8.1	7.9	7.4	6	8.02	6.81	7.53	7.49	7.51
Field Temperature °C	10.9	10.9	11.7	14.4	10.9	12.5	16	14.4	4.2	22.1
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	N	Y	Y	N	N	N	N	N	Y	Y
Field Conductivity µS/cm	476	493	526	481	481	540	559	593	588	512
Field Turbidity	Y	Y	Y	N	N	N	N	N	Y	Y
Alkalinity mg/L	210	240	190	200	230	220	208	204	217	200
Hardness as CaCO3 mg/L	290	270	270	270	280	280	265	293	246	270
Chloride mg/L	25	29	34	25	28	28	25.1	23.9	22.3	21.5
Chemical Oxygen Demand mg/L	<5.8	8.8	<6.1	<6.1	<6.1	<6.0	6.1	12.7	42.8	7.1
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<0.10	<0.082	<0.082	<0.082	0.13 J	<0.082
Manganese mg/L	<0.0011	<0.00094	<0.0020	<0.0034	<0.0034	0.017	<0.0023	<0.0023	0.0023 J	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-8										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/22/2018	6/17/2019	6/23/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<u>2.4</u>
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Tetrahydrofuran	-	-	-	-	-	-	-	-	<u>13</u>	<1.9
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<0.019	<0.019	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-9										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.6	9.1	7.3	7.2	5.9	8.33	8.08	7.61	7.4	7.42
Field Temperature °C	10.1	11.6	11.9	11.7	10.4	11.9	16.3	11	4.2	21.7
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	N	Y	Y	N	N	N	N	N	N	N
Field Conductivity µS/cm	413	452	569	438	438	480	934	564	556	488
Field Turbidity	Y	Y	Y	N	N	N	N	N	N	N
Alkalinity mg/L	210	260	200	190	230	210	205	201	220	207
Hardness as CaCO3 mg/L	260	270	270	250	260	260	247	274	242	261
Chloride mg/L	13	16	26	13	15	16	13.8	17.3	13.3	13.7
Chemical Oxygen Demand mg/L	14	15	7.1	6.5	6.8	<6.0	6.7	11.2	<6.0	15.7
Iron mg/L	<0.07	<0.043	0.069	<0.10	<0.10	<0.082	0.093	<0.082	<0.082	<0.082
Manganese mg/L	0.0021	<0.00094	<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.38	<0.38	<0.38	<0.38	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-9										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<u>2.5</u>
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<0.17	<0.17	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>3.8</u>	<u>2.6</u>	<u>1.4</u>	<u>2.4</u>	<u>1.7</u>	<u>1.5</u>	<u>1.5</u>	<u>1.8</u>	<u>1.8</u>	<u>1.5</u>
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-10										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.6	8.8	7.8	7.3	6.5	8.24	7.68	7.85	7.63	7.5
Field Temperature °C	10.8	11	11.2	11.9	9.2	12.6	17.8	13	4	21.9
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	N	N	N	N	N	N	N	N	N	N
Field Conductivity µS/cm	398	413	433	438	438	470	707	529	603	488
Field Turbidity	Y	N	Y	N	N	N	N	N	N	N
Alkalinity mg/L	200	230	190	210	230	220	210	203	214	208
Hardness as CaCO3 mg/L	250	250	230	260	270	240	246	279	229	262
Chloride mg/L	7.4	9.7	12	9.5	9.5	8.9	8.2	9.7	9.4	11.1
Chemical Oxygen Demand mg/L	34	<8.0	26	6.5	<6.1	6	9.2	<6.0	<6.0	18.7
Iron mg/L	<0.07	<0.043	0.072	<0.10	<0.10	<0.082	0.11	<0.082	<0.082	<0.082
Manganese mg/L	0.0018	<0.00094	<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	0.59	0.59	0.59	0.59	<0.41	0.56	0.45	0.54 J	0.43 J	0.59
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	0.86	0.9	0.9	<0.67	<0.67	<0.67	<0.67	<0.67	0.8
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-10										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/5/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<u>2.6</u>
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<u>1.1</u>	<0.17	<u>1.1</u>	<u>1.2</u>	<0.37	<u>0.94</u>	<u>0.74</u>	<u>0.82 J</u>	<u>0.76 J</u>	<u>0.79</u>
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>1.8</u>	<u>2.4</u>	<u>2.5</u>	<u>3</u>	<u>2</u>	<u>1.9</u>	<u>1.5</u>	<u>1.9</u>	<u>1.9</u>	<u>1.9</u>
Trichlorofluoromethane	1.8	2.1	2.4	2.2	2	1.6	0.97	1.4	1.1	1.7
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-11										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/28/2017	6/19/2018	6/18/2019	6/16/2020	6/17/2021
Field pH	8.8	9.3	7.6	7.1	6.3	8.61	7.88	7.7	7.77	7.72
Field Temperature °C	10.4	12	12.3	11.9	9.8	10.8	12.3	7.81	2.7	19.9
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	N	Y	N	N	N	N	Y	N	N	N
Field Conductivity µS/cm	392	439	537	604	604	640	615	492	563	452
Field Turbidity	Y	Y	Y	N	Y	Y	Y	N	N	N
Alkalinity mg/L	210	280	220	260	300	280	239	227	208	195
Hardness as CaCO3 mg/L	250	300	290	340	360	330	324	294	237	237
Chloride mg/L	10	35	37	46	50	52	32.9	33.5	7.9	10.4
Chemical Oxygen Demand mg/L	<5.8	20	9.4	8	6.8	9.2	27.6	12.7	10.9	13.1
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<0.10	<0.082	<0.082	<0.082	<0.082	0.13
Manganese mg/L	<0.0011	<0.00094	<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.36
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.34	<0.34	<0.34	<0.34	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-11										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/28/2017	6/19/2018	6/18/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	<0.68	<0.68	<0.68	<0.68	<1.6	5.3 c	<1.6	<u>3.1 J</u>	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<0.17	<0.17	<0.19	<0.19	<0.37	<0.37	<0.37	0.42 J B	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<0.17	<0.17	<0.17	<u>0.73</u>	<u>0.81</u>	<0.16	<u>0.76</u>	<u>1.5</u>	<u>0.76</u>	<u>0.93</u>
Trichlorofluoromethane	<0.19	<0.19	1.1	<0.19	<0.43	1.2	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.2
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-12										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/25/2018	6/18/2019	6/16/2020	6/17/2021
Field pH	7.6	7.8	7.5	7.2	6.3	6.12	8.4	7.4	7.32	7.23
Field Temperature °C	10.5	13.4	10.9	10.7	11.2	13.1	14	12.1	7.3	23.1
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	Y	N	N	N	N	N	N	N	N	N
Field Conductivity µS/cm	349	623	610	606	606	630	435	675	731	632
Field Turbidity	Y	N	Y	N	N	N	N	N	N	Y
Alkalinity mg/L	200	390	300	320	370	340	343	333	313	318
Hardness as CaCO3 mg/L	250	410	370	380	390	400	363	363	346	358
Chloride mg/L	13	2.6	3.2	2.8	3.4	-	2.5	2.9	3.1	2.3
Chemical Oxygen Demand mg/L	15	15	<6.1	12	<6.1	24	17.5	13.2	8.3 J	8.1
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<0.10	<0.082	<0.082	<0.082	<0.082	0.12
Manganese mg/L	<0.0011	<0.00094	0.0024	<0.0034	0.0058	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	0.71	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-12										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/25/2018	6/18/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	11 c	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<u>3.1</u> J	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<u>0.54</u>	<u>1.7</u>	<0.17	<0.17	<0.37	<0.37	<0.37	<u>0.65</u> J B	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	2.5	2.5	1.6	1.4	1.5	1.3	1	1.4	0.70 J	1.1
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-13										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/26/2017	6/19/2018	6/18/2019	6/16/2020	6/17/2021
Field pH	7.6	8.1	7.8	7.2	6.7	8.4	7.73	7.72	7.59	7.61
Field Temperature °C	10.5	11.2	11.5	10.5	9.9	11.8	11.4	8.6	4.5	18.1
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	Y	N	N	N	N	Y	N	N	Y	N
Field Conductivity µS/cm	349	501	479	455	455	490	494	606	600	514
Field Turbidity	Y	N	N	N	Y	Y	N	N	Y	Y
Alkalinity mg/L	200	290	210	230	260	230	224	163	235	219
Hardness as CaCO3 mg/L	250	300	270	280	270	250	244	198	254	252
Chloride mg/L	13	13	13	10	11	9.6	9.5	67.4	15	14.9
Chemical Oxygen Demand mg/L	15	14	9.4	<6.1	<6.1	<6.0	8.2	12.7	113	<6.0
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<0.10	0.084	<0.082	<0.082	<0.082	<0.082
Manganese mg/L	<0.0011	<0.00094	<0.0020	<0.0034	<0.0034	0.088	<0.0023	0.22	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.49	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-13										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/26/2017	6/19/2018	6/18/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	11 c	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<u>2.9 J</u>	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<u>0.56</u>	<0.17	<0.17	<0.17	<0.37	<0.37	<0.37	<u>0.55 J B</u>	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.36
Trichloroethene	5.9	5.1	6.9	11	9	9	6.4	4.6	6.1	6.8
Trichlorofluoromethane	<0.19	<0.19	<0.19	1.1	1.1	1.2	0.73	0.62 J	0.62 J	0.91
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
SVOCs in µg/L										
Acenaphthene	<0.34				<0.24	<0.25		<0.23	<0.25 *	<0.24
Acenaphthylene	<0.3				<0.21	<0.22		<0.20	<0.22	<0.21
Anthracene	<0.3				<0.26	<0.27		<0.25	<0.27	<0.26
Benzo[a]anthracene	<0.041				0.17	<0.046		<0.042	<0.047	<0.045
Benzo[a]pyrene	<0.052				<0.076	<0.080		<0.074	<0.081	<0.078
Benzo[b]fluoranthene	<0.054				<0.062	<0.065		<0.060	<0.066	<0.063
Benzo[g,h,i]perylene	<0.39				<0.29	<0.30		<0.28	<0.31	<0.29
Benzo[k]fluoranthene	<0.069				<0.049	<0.052		<0.048	<0.053	<0.050
Benzoic acid	<4.3				<4.5	<4.7		<4.3 ^c*	<4.7 ^c	<4.5
Benzyl alcohol	<2.9				<4.7	<4.9		<4.5	<5.0	<4.7
Bis(2-ethylhexyl) phthalate	-				-	-		-	-	1.4 J
Chrysene	<0.13				<u>0.19</u>	<0.55		<0.051	<0.056	<0.054
Dibenz[a,h]anthracene	0.1				<0.039	<0.041		<0.038	<0.042	<0.040
Dibenzofuran	<0.33				<0.20	<0.21		<0.20	<0.22	<0.21
Diethyl phthalate	<0.41				<0.28	<0.29		<0.27	<0.30	<0.28
Dimethyl phthalate	<0.36				<0.24	<0.25		<0.23	<0.26	<0.25
Di-n-butyl phthalate	<0.75				<0.56	<0.59		<0.54	<0.60	<0.57
Di-n-octyl phthalate	<2.3				<0.81	<0.85		<0.78	<0.86	<0.83

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-13										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/9/2015	6/16/2016	6/26/2017	6/19/2018	6/18/2019	6/16/2020	6/17/2021
Fluoranthene	<0.3				<0.35	<0.37		<0.34	<0.37	<0.36
Fluorene	<0.36				<0.19	<0.20		<0.18	<0.20	<0.19
Indeno[1,2,3-cd]pyrene	0.1				<0.058	<0.061		<0.056	<0.062	<0.059
Naphthalene	<0.28				<0.24	<0.25		<0.23	<0.25 *	<0.24
Pentachlorophenol	<5.2				<3.0	<3.2		<2.9	<3.2	<3.1
Phenanthrene	<0.33				<0.23	<0.24		<0.22	<0.25	<0.24
Phenol	<0.34				<0.52	<0.54		<0.50	<0.55	<0.53
Pyrene	<0.45				0.52	<0.35		<0.32	<0.35	<0.34

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-14										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/28/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.7	8.2	7.9	6.9	6.7	6.3	7.59	7.51	7.55	7.24
Field Temperature °C	10.7	11.9	11.1	13.5	10.1	11.2	12.5	9.5	1.2	19.5
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	N	Y	Y	Y	N	Y	Y	N	Y	Y
Field Conductivity µS/cm	486	496	451	554	554	590	625	656	765	608
Field Turbidity	Y	Y	Y	Y	N	Y	Y	Y	Y	Y
Alkalinity mg/L	240	280	200	250	250	240	248	216	242	231
Hardness as CaCO3 mg/L	320	270	250	300	290	290	299	313	280	277
Chloride mg/L	17	14	10	24	22	28	28.4	35.3	35.9	31.3
Chemical Oxygen Demand mg/L	<5.8	22	8.9	7	<6.1	18	14	9.6 J	6.8 J	8.1
Iron mg/L	<0.07	<0.043	0.11	<0.10	<0.10	<0.082	0.11	<0.082	<0.082	<0.082
Manganese mg/L	<0.0011	0.002	0.028	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	0.0032 J	0.01
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-14										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/28/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	11 c	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<u>0.86</u>	<0.17	<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>0.97</u>	<u>1.0</u>	<u>0.7</u>	<u>0.7</u>	<0.16	<0.16	0.26	0.26	<0.16	0.19
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-15A										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/27/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	DRY	DRY	8.1	8	6.9	8.7	8.39	8.19	8.1	7.88
Field Temperature °C			13.8	15.2	12	11.2	15.8	8.5	2.1	17.5
Field Odor	Well	Well	N	Y	N	N	N	N	N	N
Field Color			Y	N	Y	Y	Y	Y	Y	Y
Field Conductivity µS/cm	Not	Not	550	431	431	490	1633	543	606	521
Field Turbidity			Y	Y	Y	Y	Y	Y	Y	Y
Alkalinity mg/L	Sampled	Sampled	180	200	240	220	229	227	247	226
Hardness as CaCO3 mg/L			250	230	250	260	242	275	226	256
Chloride mg/L			35	11	20	12	4.8	8	5.7	16.2
Chemical Oxygen Demand mg/L			7.1	6.5	8.3	8.1	9.2	18.3	27.3	16.2
Iron mg/L			<0.043	<0.10	<0.10	<0.082	0.2	<0.082	<0.082	<0.082
Manganese mg/L			<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	0.0032
VOCs in µg/L										
1,1,1-Trichloroethane			<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane			<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane			<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene			<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene			<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane			<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane			<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane			<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene			<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene			<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane			<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane			<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene			<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene			<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane			<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane			<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane			<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene			<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene			<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-15A										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/27/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether			<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene			<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether			<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride			<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene			<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene			<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene			<0.17	<0.17	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene			<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene			<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene			<u>0.62</u>	<u>0.67</u>	<u>0.98</u>	<0.16	0.34	0.28 J	0.36 J	<u>0.64</u>
Trichlorofluoromethane			<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride			<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total			<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-15B										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/27/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	8.2	7.9		7.6		8.44	8.1		7.78	7.7
Field Temperature °C	10.6	10.4	Well	13.2	Well	13.3	14.6	Well	0.4	17.9
Field Odor	N	N		N		N	N		N	N
Field Color	N	N	Not	N	Not	Y	N	Not	N	N
Field Conductivity µS/cm	373	463		491		540	570		644	542
Field Turbidity	Y	N	Sampled	N	Sampled	Y	N	Sampled	N	N
Alkalinity mg/L	190	250		210		230	225		224	217
Hardness as CaCO3 mg/L	240	260		270		260	270		262	263
Chloride mg/L	9.7	16		18		20	19.8		20.3	21
Chemical Oxygen Demand mg/L	11	19		9		14	10.7		8.9 J	<6.0
Iron mg/L	<0.07	<0.043		<0.10		<0.082	0.13		0.085 J	<0.082
Manganese mg/L	<0.0011	<0.00094		<0.0034		<0.0023	<0.0023		<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20		<0.20		<0.38	<0.38		<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28		<0.28		<0.35	<0.35		<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19		<0.19		<0.41	<0.41		<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31		<0.31		<0.39	<0.39		<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14		<0.14		<0.34	<0.34		<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36		<0.36		<0.39	<0.39		<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28		<0.28		<0.39	<0.39		<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20		<0.20		<0.43	<0.43		<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18		<0.18		<0.25	<0.25		<0.25	<0.25
Benzene	<0.074	<0.074		<0.074		<0.15	<0.15		<0.15	<0.15
Chloroethane	<0.34	<0.34		<0.34		<0.51	<0.51		<0.51	<0.51
Chloromethane	<0.18	<0.18		<0.18		<0.32	<0.32		<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12		<0.12		<0.41	<0.41		<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18		<0.18		<0.42	<0.42		<0.42	<0.42
Dibromochloromethane	<0.32	<0.32		<0.32		<0.49	<0.49		<0.49	<0.49
Dibromomethane	<0.33	<0.33		<0.33		<0.27	<0.27		<0.27	<0.27
Dichlorodifluoromethane	<0.20	<0.20		<0.20		<0.67	<0.67		<0.67	<0.67
Ethylbenzene	<0.13	<0.13		<0.13		<0.18	<0.18		<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26		<0.26		<0.45	<0.45		<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-15B										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/27/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15		<0.15		<0.28	<0.28		<0.28	<0.28
Isopropylbenzene	<0.14	<0.14		<0.14		<0.39	<0.39		<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24		<0.24		<0.39	<0.39		<0.39	<0.39
Methylene Chloride	11 c	<0.68		<0.68		<1.6	<1.6		<1.6	<1.6
Naphthalene	<0.16	<0.16		<0.16		<0.34	<0.34		<0.34	<0.34
Styrene	<0.1	<0.1		<0.1		<0.39	<0.39		<0.39	<0.39
Tetrachloroethene	<0.19	<0.19		<0.19		<0.37	<0.37		<0.37	<0.37
Toluene	<0.11	<0.11		<0.11		<0.15	<0.15		<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25		<0.25		<0.35	<0.35		<0.35	<0.35
Trichloroethene	<u>1.7</u>	<u>1.6</u>		<u>2.2</u>		<u>1.7</u>	<u>1.8</u>		<u>1.3</u>	<u>1.4</u>
Trichlorofluoromethane	<0.19	<0.19		<0.19		<0.43	<0.43		<0.43	<0.43
Vinyl chloride	<0.10	<0.10		<0.10		<0.20	<0.20		<0.20	<0.2
Xylenes, Total	<0.068	<0.068		<0.068		<0.22	<0.22		<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-15C										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/27/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.5	7.8	7.7	7.6	7.28	6.07	7.83	7.72	7.61	1.49
Field Temperature °C	10.5	11.8	12.4	13.8	11.8	12.3	14.6	10.3	0.2	19
Field Odor	N	N	N	N	N	Y	Y	N	N	N
Field Color	N	N	N	N	N	N	N	N	N	N
Field Conductivity µS/cm	380	418	453	468	468	510	530	579	609	506
Field Turbidity	Y	N	N	N	N	N	N	N	N	N
Alkalinity mg/L	210	240	180	200	240	220	234	228	236	228
Hardness as CaCO3 mg/L	220	160	260	260	270	260	256	288	241	248
Chloride mg/L	8.7	13	18	16	17	17	16.8	17.3	16.7	18
Chemical Oxygen Demand mg/L	19	68	7.1	14	<6.1	<6.0	<6.0	23.4	6.8 J	11.6
Iron mg/L	0.098	<0.043	0.53	<0.10	<0.10	0.13	<0.082	<0.082	<0.082	<0.082
Manganese mg/L	0.023	0.0041	<0.0020	<0.034	<0.0034	0.0038	0.013	0.02	0.012	0.0081
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	2.6	2.6	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-15C										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/27/2017	6/22/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.26
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	10 c	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.40	<0.40	<0.40	<0.40	<0.39	<0.39
Tetrachloroethene	<0.19	<0.19	<0.19	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	0.17 J	0.16 J	0.27
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<u>0.65</u>	<u>1.3</u>	<u>1.3</u>	<u>1.5</u>	<u>1.5</u>	<u>1.1</u>	<u>1.7</u>	<u>1</u>	<u>0.99</u>	<u>1.2</u>
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-16										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Field pH	7.5	9.6	8.1	8.3	7	6.13	7.54	7.6	7.59	7.33
Field Temperature °C	9.8	11.9	11.3	14.7	10.9	12.8	12.2	9.7	4.2	24.7
Field Odor	N	N	N	N	N	N	N	N	N	N
Field Color	N	N	Y	N	N	N	Y	N	N	N
Field Conductivity µS/cm	415	377	453	418	418	500	545	964	585	499
Field Turbidity	Y	Y	Y	N	Y	N	Y	N	N	N
Alkalinity mg/L	220	220	180	210	260	250	253	250	248	228
Hardness as CaCO3 mg/L	270	230	220	240	290	300	299	329	250	256
Chloride mg/L	3.6	5.1	4.5	3.5	10	-	7.7	8.3	3.4	6
Chemical Oxygen Demand mg/L	<5.8	<8.0	15	<6.1	<6.1	12	8.3	10.7	<6.0	7.6
Iron mg/L	<0.07	<0.043	<0.043	<0.10	<0.10	<0.082	0.084	<0.082	0.11 J	<0.082
Manganese mg/L	0.0019	<0.00094	<0.0020	<0.0034	<0.0034	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
VOCs in µg/L										
1,1,1-Trichloroethane	<0.20	<0.20	<0.20	<0.20	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
1,1,2-Trichloroethane	<0.28	<0.28	<0.28	<0.28	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
1,1-Dichloroethane	<0.19	<0.19	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,1-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2,4-Trimethylbenzene	<0.14	<0.14	<0.14	<0.14	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dibromoethane	<0.36	<0.36	<0.36	<0.36	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloroethane	<0.28	<0.28	<0.28	<0.28	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
1,2-Dichloropropane	<0.20	<0.20	<0.20	<0.20	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
1,3,5-Trimethylbenzene	<0.18	<0.18	<0.18	<0.18	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzene	<0.074	<0.074	<0.074	<0.074	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
Chloroethane	<0.34	<0.34	<0.34	<0.34	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Chloromethane	<0.18	<0.18	<0.18	<0.18	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
cis-1,2-Dichloroethene	<0.12	<0.12	<0.12	<0.12	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
cis-1,3-Dichloropropene	<0.18	<0.18	<0.18	<0.18	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Dibromochloromethane	<0.32	<0.32	<0.32	<0.32	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Dibromomethane	<0.33	<0.33	<0.33	<0.33	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dichlorodifluoromethane	<0.20	<0.20	<0.20	<0.20	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Ethylbenzene	<0.13	<0.13	<0.13	<0.13	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Hexachlorobutadiene	<0.26	<0.26	<0.26	<0.26	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-16										
PARAMETER	DATE									
	6/13/2012	6/24/2013	6/18/2014	6/8/2015	6/16/2016	6/23/2017	6/19/2018	6/17/2019	6/16/2020	6/17/2021
Isopropyl ether	<0.15	<0.15	<0.15	<0.15	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Isopropylbenzene	<0.14	<0.14	<0.14	<0.14	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methyl tert-butyl ether	<0.24	<0.24	<0.24	<0.24	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Methylene Chloride	11 c	<0.68	<0.68	<0.68	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Naphthalene	<0.16	<0.16	<0.16	<0.16	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
Styrene	<0.1	<0.1	<0.1	<0.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39
Tetrachloroethene	<0.19	<0.19	<0.19	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Toluene	<0.11	<0.11	<0.11	<0.11	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.25	<0.25	<0.25	<0.25	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Trichloroethene	<0.19	<0.19	<0.19	<0.19	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Trichlorofluoromethane	<0.19	<0.19	<0.19	<0.19	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Vinyl chloride	<0.10	<0.10	<0.10	<0.10	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes, Total	<0.068	<0.068	<0.068	<0.068	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Coumpound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-16B									
PARAMETER	DATE								
	6/30/2021	8/10/2021							
Field pH									
Field Temperature °C									
Field Odor									
Field Color									
Field Conductivity µS/cm									
Field Turbidity									
Alkalinity mg/L									
Hardness as CaCO3 mg/L									
Chloride mg/L									
Chemical Oxygen Demand mg/L									
Iron mg/L									
Manganese mg/L									
VOCs in µg/L									
1,1,1-Trichloroethane	<0.38	<0.38							
1,1,2-Trichloroethane	<0.35	<0.35							
1,1,1-Dichloroethane	<0.41	<0.41							
1,1-Dichloroethene	<0.39	<0.39							
1,2,4-Trimethylbenzene	<0.36	<0.36							
1,2-Dibromoethane	<0.39	<0.39							
1,2-Dichloroethane	<0.39	<0.39							
1,2-Dichloropropane	<0.43	<0.43							
1,3,5-Trimethylbenzene	<0.25	<0.25							
Benzene	<0.15	<0.15							
Chloroethane	<0.51	<0.51							
Chloromethane	<0.32	<0.32							
cis-1,2-Dichloroethene	<0.41	<0.41							
cis-1,3-Dichloropropene	<0.42	<0.42							
Dibromochloromethane	1.2	<0.49							
Dibromomethane	<0.27	<0.27							
Dichlorodifluoromethane	<0.67	<0.67							
Ethylbenzene	<0.18	<0.18							
Hexachlorobutadiene	<0.45	<0.45							
Isopropyl ether	<0.28	<0.28							
Isopropylbenzene	<0.39	<0.39							
Methyl tert-butyl ether	<0.39	<0.39							
Methylene Chloride	10	<1.6							
Naphthalene	<0.39	<0.34							
Styrene	<0.39	<0.39							
Tetrachloroethene	<0.37	<0.37							
Toluene	0.28	<0.15							
trans-1,2-Dichloroethene	<0.35	<0.35							
Trichloroethene	<0.16	<0.16							
Trichlorofluoromethane	<0.43	<0.43							
Vinyl chloride	<0.20	<0.20							
Xylenes, Total	<0.22	<0.22							

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Compound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-17A									
PARAMETER	DATE								
	6/30/2021	8/10/2021							
Field pH									
Field Temperature °C									
Field Odor									
Field Color									
Field Conductivity µS/cm									
Field Turbidity									
Alkalinity mg/L									
Hardness as CaCO3 mg/L									
Chloride mg/L									
Chemical Oxygen Demand mg/L									
Iron mg/L									
Manganese mg/L									
VOCs in µg/L									
1,1,1-Trichloroethane	<0.38	<0.38							
1,1,2-Trichloroethane	<0.35	<0.35							
1,1,1-Dichloroethane	<0.41	<0.41							
1,1-Dichloroethene	<0.39	<0.39							
1,2,4-Trimethylbenzene	<0.36	<0.36							
1,2-Dibromoethane	<0.39	<0.39							
1,2-Dichloroethane	<0.39	<0.39							
1,2-Dichloropropane	<0.43	<0.43							
1,3,5-Trimethylbenzene	<0.25	<0.25							
Benzene	<0.15	<0.15							
Chloroethane	<0.51	<0.51							
Chloromethane	<0.32	<0.32							
cis-1,2-Dichloroethene	<0.41	<0.41							
cis-1,3-Dichloropropene	<0.42	<0.42							
Dibromochloromethane	<0.49	<0.49							
Dibromomethane	<0.27	<0.27							
Dichlorodifluoromethane	<0.67	<0.67							
Ethylbenzene	<0.18	<0.18							
Hexachlorobutadiene	<0.45	<0.45							
Isopropyl ether	<0.28	<0.28							
Isopropylbenzene	<0.39	<0.39							
Methyl tert-butyl ether	<0.39	<0.39							
Methylene Chloride	13	<1.6							
Naphthalene	<0.34	<0.34							
Styrene	<0.39	<0.39							
Tetrachloroethene	<0.37	<0.37							
Toluene	<0.15	<0.15							
trans-1,2-Dichloroethene	<0.35	<0.35							
Trichloroethene	<0.16	<0.16							
Trichlorofluoromethane	<0.43	<0.43							
Vinyl chloride	<0.20	<0.20							
Xylenes, Total	<0.22	<0.22							

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Compound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-17B									
PARAMETER	DATE								
	6/30/2021	8/10/2021							
Field pH									
Field Temperature °C									
Field Odor									
Field Color									
Field Conductivity µS/cm									
Field Turbidity									
Alkalinity mg/L									
Hardness as CaCO3 mg/L									
Chloride mg/L									
Chemical Oxygen Demand mg/L									
Iron mg/L									
Manganese mg/L									
VOCs in µg/L									
1,1,1-Trichloroethane	<0.38	<0.38							
1,1,2-Trichloroethane	<0.35	<0.35							
1,1,1-Dichloroethane	<0.41	<0.41							
1,1-Dichloroethene	<0.39	<0.39							
1,2,4-Trimethylbenzene	<0.36	<0.36							
1,2-Dibromoethane	<0.39	<0.39							
1,2-Dichloroethane	<0.39	<0.39							
1,2-Dichloropropane	<0.43	<0.43							
1,3,5-Trimethylbenzene	<0.25	<0.25							
Benzene	<0.15	<0.15							
Chloroethane	<0.51	<0.51							
Chloromethane	<0.32	<0.32							
cis-1,2-Dichloroethene	<0.41	<0.41							
cis-1,3-Dichloropropene	<0.42	<0.42							
Dibromochloromethane	<0.49	<0.49							
Dibromomethane	<0.27	<0.27							
Dichlorodifluoromethane	<0.67	<0.67							
Ethylbenzene	<0.18	<0.18							
Hexachlorobutadiene	<0.45	<0.45							
Isopropyl ether	<0.28	<0.28							
Isopropylbenzene	<0.39	<0.39							
Methyl tert-butyl ether	<0.39	<0.39							
Methylene Chloride	15	<1.6							
Naphthalene	<0.34	<0.34							
Styrene	<0.39	<0.39							
Tetrachloroethene	<0.37	<0.37							
Toluene	<0.15	<0.15							
trans-1,2-Dichloroethene	<0.35	<0.35							
Trichloroethene	<0.16	<0.16							
Trichlorofluoromethane	<0.43	<0.43							
Vinyl chloride	<0.20	<0.20							
Xylenes, Total	<0.22	<0.22							

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Compound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-18A									
PARAMETER	DATE								
	6/30/2021	8/10/2021							
Field pH									
Field Temperature °C									
Field Odor									
Field Color									
Field Conductivity µS/cm									
Field Turbidity									
Alkalinity mg/L									
Hardness as CaCO3 mg/L									
Chloride mg/L									
Chemical Oxygen Demand mg/L									
Iron mg/L									
Manganese mg/L									
VOCs in µg/L									
1,1,1-Trichloroethane	<0.38	<0.38							
1,1,2-Trichloroethane	<0.35	<0.35							
1,1-Dichloroethane	<0.41	<0.41							
1,1-Dichloroethene	<0.39	<0.39							
1,2,4-Trimethylbenzene	<0.36	<0.36							
1,2-Dibromoethane	<0.39	<0.39							
1,2-Dichloroethane	<0.39	<0.39							
1,2-Dichloropropane	<0.43	<0.43							
1,3,5-Trimethylbenzene	<0.25	<0.25							
Benzene	<0.15	<0.15							
Chloroethane	<0.51	<0.51							
Chloromethane	<0.32	<0.32							
cis-1,2-Dichloroethene	<0.41	<0.41							
cis-1,3-Dichloropropene	<0.42	<0.42							
Dibromochloromethane	1.3	<0.49							
Dibromomethane	<0.27	<0.27							
Dichlorodifluoromethane	<0.67	<0.67							
Ethylbenzene	<0.18	<0.18							
Hexachlorobutadiene	<0.45	<0.45							
Isopropyl ether	<0.28	<0.28							
Isopropylbenzene	<0.39	<0.39							
Methyl tert-butyl ether	<0.39	<0.39							
Methylene Chloride	15	<1.6							
Naphthalene	<0.34	<0.34							
Styrene	<0.39	<0.39							
Tetrachloroethene	<0.37	<0.37							
Toluene	0.15	<0.15							
trans-1,2-Dichloroethene	<0.35	<0.35							
Trichloroethene	0.21	<0.16							
Trichlorofluoromethane	<0.43	<0.43							
Vinyl chloride	<0.20	<0.20							
Xylenes, Total	<0.22	<0.22							

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Compound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 11
GROUNDWATER ANALYTICAL RESULTS
Junker Sanitary Landfill FID # 656026800

MW-18B									
PARAMETER	DATE								
	6/30/2021	8/10/2021							
Field pH									
Field Temperature °C									
Field Odor									
Field Color									
Field Conductivity µS/cm									
Field Turbidity									
Alkalinity mg/L									
Hardness as CaCO3 mg/L									
Chloride mg/L									
Chemical Oxygen Demand mg/L									
Iron mg/L									
Manganese mg/L									
VOCs in µg/L									
1,1,1-Trichloroethane	<0.38	<0.38							
1,1,2-Trichloroethane	<0.34	<0.35							
1,1-Dichloroethane	<0.41	<0.41							
1,1-Dichloroethene	<0.39	<0.39							
1,2,4-Trimethylbenzene	<0.36	<0.36							
1,2-Dibromoethane	<0.39	<0.39							
1,2-Dichloroethane	<0.39	<0.39							
1,2-Dichloropropane	<0.43	<0.43							
1,3,5-Trimethylbenzene	<0.25	<0.25							
Benzene	<0.15	<0.15							
Chloroethane	<0.51	<0.51							
Chloromethane	<0.32	<0.32							
cis-1,2-Dichloroethene	<0.41	<0.41							
cis-1,3-Dichloropropene	<0.42	<0.42							
Dibromochloromethane	<0.49	<0.49							
Dibromomethane	<0.27	<0.27							
Dichlorodifluoromethane	<0.67	<0.67							
Ethylbenzene	<0.18	<0.18							
Hexachlorobutadiene	<0.45	<0.45							
Isopropyl ether	<0.28	<0.28							
Isopropylbenzene	<0.39	<0.39							
Methyl tert-butyl ether	<0.39	<0.39							
Methylene Chloride	14	<1.6							
Naphthalene	<0.34	<0.34							
Styrene	<0.39	<0.39							
Tetrachloroethene	<0.37	<0.37							
Toluene	<0.15	<0.15							
trans-1,2-Dichloroethene	<0.35	<0.35							
Trichloroethene	<u>1.9</u>	<u>1.5</u>							
Trichlorofluoromethane	<0.43	<0.43							
Vinyl chloride	<0.20	<0.20							
Xylenes, Total	<0.22	<0.22							

Notes:

BOLD concentrations = ES exceedance

Underlined concentrations = PAL Exceedance

c - suspected laboratory contaminant

B - Compound was found in blank and sample

J - Reported value was between the limit of detection and the limit of quantitation

* - RPD of the LCS and LCSD exceeds the control limits

^c - CCV Recover is outside acceptance limits

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule +	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
902 Alexander Road Roberts, WI 54023 Tom & Misty Frederick [REDACTED] Well: BM122	Every 2 yrs Jan./07 JL-100		08/17/01 Fe 01/10/03 01/10/05	9/26/96 1/20/98 2/25/99 11/18/99 11/2/00 7/26/01 8/30/01 01/31/03 02/23/05	0 87,000 207,350	0 87,000 120,350	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND						Vol.
930-A Alexander Road Trevor Bruce/T-Buck Properties [REDACTED] Well: XK 285	JL-100 Every yr. Jan./16 1		10/24/14 6/21/16 12/7/17 6/17/19 11/30/20	9/24/14 11/7/14 6/21/16 6/21/16 7/8/19 -	1,100 73,940 544? 240,310 317,120	1,100 72,840 - - 76,810	4.4 3.5 Eff. Only 2.7	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND			
930-B Alexander Road Owned by: Trevor Bruce Rented by: Troy & Jodi Schmidtke Well: XK 285 (Shared well with 930-A)	JL-100 Every yr. Oct./16 1		6/3/15 12/7/17 6/17/19 11/30/20	9/24/14 6/21/16 7/8/19 1/18/21	11,700 16,428 116,200 310,600	1,100 4,728 99,772 194,400	4.4 Eff. Only 1.8	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND			
942 Alexander Road Justin & Stephanie Schoepke [REDACTED] Well: BM127	JL-300 Every 2 yrs Jan./11 JL-100 Transducer		03/27/97 06/09/98 04/06/99 Col. 04/12/01 Fe 01/11/03 01/28/05 04/10/07 3/17/09 6/19/17 11/8/18 6/16/21 9/16/21	9/16/96 4/2/97 7/29/97 10/8/97 1/20/98 6/26/98 8/26/98 10/28/98 01/26/99 04/22/99 07/29/99 10/14/99 01/26/00 05/18/00 10/05/00 04/12/01 7/12/01 01/31/03 03/07/05 -- 2/1/10 7/25/12 8/11/17 1/17/19 6/15/21	0 8,068 11,450 13,516 18,328 21,161 22,360 25,440 27,624 30,237 33,414 38,160 42,960 45,745 61,720 86,670 111,810 178,650 271,100 419,040 488,580 573,360	0 8,068 11,450 2,066 6,878 9,711 10,910 3,080 5,264 7,877 11,054 15,800 20,600 2,785 18,760 24,950 25,140 66,840 92,450 147,940 69,540 84,780	5.3 4.4 5.0 ND 4.3 4.4 4.0 5.6 5.6 5.3 4.6 5.6 7.1 8.6 7.6 8.4 5.2 6.9 5.6 -- 4.7 3.7 2.4 2.2 1.7	1.5 ND 0.88 0.63 ND	ND ND						
943 Alexander Road New Owners 7/2021 Well: WY 566	JL-100 Every 1 yr. Jul-16		10/1/13 6/29/16 3/13/19 6/10/20 7/13/21	7/23/12 10/8/12 10/18/12 3/25/14 8/16/16 4/8/19 9/4/20 7/13/21	1,674,260 1,674,630 1,663,590 30 407,440 655,220 719,200 786,270	Initial Sample Checked meter status per call from client	1.3 Eff. Only Eff. Only 1.2 ND 0.66	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule +	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag				
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)			
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7								
947 Bakken Road Steve & Caye Bakken Well: BM187 Switch to JL-100	JL-100 Every 2 yrs April/12 JL-300	1	3/13/97	9/19/96	0	0	4.7	ND	ND	ND					PCE			
			3/19/97	3/19/97	0	0	4.7	1.4	0.4	ND						PCE		
			03/10/98	4/20/98	106,700	106,700	3.9	<0.5>	<0.3>	ND								
			03/11/99	3/25/99	170,610	63,910	5.6	ND	ND	ND								
			02/06/01 Fe	3/5/01	302,260	131,650	4.3	<0.5>	ND	ND						PCE		
			Failed Attempt	5/14/02	394,904	92,644	4.6	ND	ND	ND								
			11/21/02	11/21/02	462,820	160,560	4.7	ND	ND	ND						Vol.		
			4/23/04	04/26/04	557,710	94,890	Eff. Only											
			12/22/05	3/8/06	670,330	112,620	Eff. Only											
			6/23/06	--	699,560	29,230	--											
			6/30/08	--	821,920	122,360	--											
			6/8/10		906,920	85,000												
			5/28/13	10/8/13	1,023,240	116,320	Eff. Only											
			6/25/15	8/25/15	1,112,880	89,640	1.9	ND	ND	ND								
			5/24/17	8/11/17	1,245,710	132,830	Eff. Only											
12/27/19	2/4/20	1,378,530	132,820	1.6	ND	ND	ND		ND	ND								
954 Bakken Road Tony Dabruzzo Well: EV036 Inf. and Eff. Switch to JL-100	JL-100 JL-300 Every 2 yrs April/12		3/25/97	9/25/96	0	0	3.6	ND	ND	ND								
			4/2/97	4/2/97	0	0	3.7	ND	ND	ND								
			03/13/98	4/20/98	53,440	53,440	3.4	<0.5>	<0.3>	ND						PCE		
			03/03/99	3/25/99	81,560	28,120	5.1	ND	ND	ND								
			02/08/01 Fe	2/9/01	206,890	125,330	5.5	<0.65>	ND	ND						PCE		
				3/7/01			4.8	<0.57>	ND	ND						PCE		
			04/18/02	5/14/02	349,198	142,308	4.5	ND	ND	ND						Vol.		
			04/17/03	05/06/03	433,658	84,460	4.7	ND	ND	ND								
			05/07/04	06/08/04	575,270	141,612	3.4	ND	ND	ND						Vol.		
			07/25/05	03/08/06	706,960	131,690	3.6	ND	ND	ND						Vol.		
			07/21/05	--	777,850	70,890	--											
			02/22/08	--	874,660	96,810	--											
			8/24/10	--	1,114,420	239,760	--									Vol.		
			6/6/14		1,626,390	511,970												
			5/12/16	8/9/16	1,786,530	160,140	2.2	ND	ND	ND								
4/19/19	5/23/19	2,082,900	296,370	1.9	ND	ND	ND		ND	ND		ND						
8/31/21	10/29/21	2,332,230	249,330	1.3	ND	ND	ND		ND	ND		ND						
957 Bakken Road Brandon and Erika Schurtz Well: BM181	JL-300 Every 1 yr April/10		04/07/97	9/18/96	0	0	4.2	1.2	0.21	ND								
			07/28/98	4/14/97	77,399	77,399	4.9	0.60	0.28	ND								
			8/26/98	8/26/98	112,280	34,881	3.8	<0.6>	ND	ND								
			05/25/99	7/8/99	164,390	52,110	5	<0.65>	ND	ND								
			05/26/00	5/31/00	200,700	36,310	4.8	ND	ND	ND								
			02/13/01 Fe	03/07/01	263,902	63,202	5.1	<0.64>	ND	ND								
			05/14/02	5/14/02	297,302	33,400	4.8	ND	ND	ND								
			06/13/03	06/27/03	332,640	35,338	Eff. Only											
			06/15/04	08/16/04	362,870	30,230	Eff. Only											
			05/12/05	08/18/05	413,690	50,820	Eff. Only											
			04/28/06	--	918,080	504,390	--									Vol.		
			9/25/09	--			--											
			10/15/15	4/11/16			2.1	ND	ND	ND								
			961 Bakken Road John Mowry Well: BM177	JL-100 Every 2 yrs April/10	1	3/21/97	9/16/96	0	0	3.9	1.5	ND	ND					
						3/22/97	3/22/97	0	0	3.6	ND	ND	ND					
03/27/98	4/24/98	119,100				59,970	3.1	ND	ND	ND								
04/01/99	4/22/99	185,060				65,960	3.9	ND	ND	ND								
05/26/00	5/31/00	238,822				53,762	4.7	ND	ND	ND								
7/26/01	7/26/01	272,640				87,580	--	--	--	--								
04/12/02	4/18/02	370,170				97,530	4.7	ND	ND	ND								
04/30/04	05/17/04	464,420				94,250	Eff. Only											
04/13/06	--	574,860				110,440	--									Vol.		
05/28/08	09/24/08	727,880				153,020	2.7	ND	ND	ND								
5/3/11		813,690				85,810												
5/6/13	9/24/13	885,720				72,030	Eff. Only											
2/12/15	3/26/15	959,910				74,190	1.2	ND	ND	ND								
2/20/17	4/3/17	1,030,960				71,050	Eff. Only											
3/20/19	5/29/19	1,070,790				39,830	1.6	0.38 J	ND	ND		ND	ND		ND			
3/4/21	3/26/21			1.6	ND	ND	ND		ND	ND		ND						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag					
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)				
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7									
962 Bakken Road Well: BM188 New Owner: 5/4/18 Dan & Rachel Dyer Outside faucets are softened	JL-100 Every 1 yr April/08 JL-300 JL-100		7/10/97 7/23/97 08/12/98 8/26/98 07/28/99 07/29/99 03/07/00 03/27/00 Col. and Fe 7/26/01 04/02/02 4/4/02 05/15/03 05/30/03 05/07/04 05/17/04 07/25/05 08/09/05 04/25/06 -- 497,440 04/25/06 -- 544,180 6/2/11 7/25/12 5/4/18 5/14/18 11/18/19 2/18/20 1/6/21	9/18/96 7/23/97 08/12/98 8/26/98 07/28/99 07/29/99 03/07/00 03/27/00 7/26/01 4/4/02 05/30/03 05/07/04 05/17/04 07/25/05 08/09/05 04/25/06 -- 497,440 04/25/06 -- 544,180 6/2/11 7/25/12 5/4/18 5/14/18 11/18/19 2/18/20 1/6/21	0 0 50,680 50,680 97,590 46,910 136,690 39,100 220,264 83,574 287,560 150,870 333,560 46,000 390,870 57,310 471,140 80,270 497,440 26,300 -- 544,180 46,740 867,300 323,120 1,133,780 266,480 1,196,820 63,040 1,240,970	0 0 50,680 50,680 97,590 46,910 136,690 39,100 220,264 83,574 287,560 150,870 333,560 46,000 390,870 57,310 471,140 80,270 497,440 26,300 -- 544,180 46,740 867,300 323,120 1,133,780 266,480 1,196,820 63,040 1,240,970	4.0 3.4 2.6 3.1 3.1 -- -- 2.6 Eff. Only Eff. Only Eff. Only -- -- 1.2 ND 1.2 ND 1.2 ND 1.2 ND 1.2 ND 1.2 ND 1.2 ND 1.2 ND 1.2 ND 1 ND	1.1 0.28 ND ND ND -- ND -- -- -- ND ND -- -- -- 1.1 ND 1.1 ND 0.54 ND	ND ND ND ND ND ND ND ND ND -- -- ND ND -- -- -- ND ND 1.1 ND 1.1 ND 0.54 ND	ND ND ND ND ND ND ND ND ND -- -- ND ND -- -- -- ND ND 1.1 ND 1.1 ND 0.54 ND		ND ND ND ND ND ND ND ND ND -- -- ND ND -- -- -- ND ND 1.1 ND 1.1 ND 0.54 ND							
970 Bakken Road Eric & Mary Larson Well: BM180	JL-100 Every 2 yrs April/12		10/10/97 10/21/97 01/19/99 02/25/99 01/27/00 03/27/00 Col. and Fe 7/26/01 04/09/02 4/18/02 04/29/04 04/23/04 04/25/06 -- 460,010 06/26/08 -- 578,590 118,580 5/11/10 89,640 5/11/12 90,180 4/16/15 5/14/15 145,810 3/22/19 5/23/19 157,900 5/10/21 6/4/21 1,140,280	9/25/96 10/21/97 01/19/99 02/25/99 01/27/00 03/27/00 7/26/01 4/18/02 04/09/02 4/18/02 04/29/04 04/23/04 04/25/06 -- 460,010 06/26/08 -- 578,590 118,580 5/11/10 89,640 5/11/12 90,180 4/16/15 5/14/15 145,810 3/22/19 5/23/19 157,900 5/10/21 6/4/21 1,140,280	0 0 56,600 56,600 118,100 61,500 184,742 66,642 218,603 100,503 343,600 124,997 460,010 116,410 578,590 118,580 668,230 89,640 758,410 90,180 904,220 145,810 1,062,120 157,900 78,160	0 0 56,600 56,600 118,100 61,500 184,742 66,642 218,603 100,503 343,600 124,997 460,010 116,410 578,590 118,580 668,230 89,640 758,410 90,180 904,220 145,810 1,062,120 157,900 78,160	ND 0.86 1.5 ND 1.7 ND -- 1.9 ND -- Eff. Only -- -- -- 1.1 ND 1.1 ND 0.54 ND	ND ND ND ND ND ND -- -- ND ND -- -- -- -- -- ND ND 1.1 ND 1.1 ND 0.54 ND	ND ND ND ND ND ND -- -- ND ND -- -- -- -- -- ND ND 1.1 ND 1.1 ND 0.54 ND		ND ND ND ND ND ND -- -- ND ND -- -- -- -- -- ND ND 1.1 ND 1.1 ND 0.54 ND								
986 Burch Circle Cory Bednar Well: NP195 (121' deep)	JL-100 Every 1 yr Mar./09		03/18/00 05/18/00 09/14/01 10/04/01 03/05/03 03/07/03 06/14/04 07/13/04 06/19/06 156,240 11/20/07 57,310 2/24/11 8/7/12 736,390 240,680 2/17/15 2/24/15 1,076,940 340,550 4/16/18 1,424,380 347,440 12/1/20 1,689,180	11/26/99 05/18/00 09/14/01 10/04/01 03/05/03 03/07/03 06/14/04 07/13/04 06/19/06 156,240 11/20/07 57,310 2/24/11 8/7/12 736,390 240,680 2/17/15 2/24/15 1,076,940 340,550 4/16/18 1,424,380 347,440 12/1/20 1,689,180	0 113,563 187,380 73,817 282,160 94,780 438,400 156,240 495,710 57,310 736,390 240,680 1,076,940 340,550 1,424,380 347,440 264,800	0 113,563 187,380 73,817 282,160 94,780 438,400 156,240 495,710 57,310 736,390 240,680 1,076,940 340,550 1,424,380 347,440 264,800	3.1 3.6 ND ND ND 3.9 ND ND Eff. Only 3.9 ND ND -- -- 1.7 ND 1.7 Eff. Only	ND ND ND ND ND ND -- -- -- -- ND ND -- -- -- ND ND 1.7 ND 1.7 Eff. Only	ND ND ND ND ND ND -- -- ND ND -- -- -- ND ND 1.7 ND 1.7 Eff. Only		ND ND ND ND ND ND -- -- ND ND -- -- -- ND ND 1.7 ND 1.7 Eff. Only								
987 Burch Circle Scott & Danielle Baker Well: OA834 Inf. and Eff.	JL-100 Every 2 yr Mar./12 Every 1 yr		08/11/00 11/16/01 12/03/01 03/28/03 03/28/03 04/19/05 08/18/05 06/28/07 -- 396,960 3/23/10 135,270 2/15/13 3/27/13 162,090 7/8/15 8/25/15 150,130 7/26/18 187,980 7/30/20 353,370 7/28/21	05/31/00 10/05/00 11/16/01 12/03/01 03/28/03 03/28/03 04/19/05 08/18/05 06/28/07 -- 396,960 3/23/10 135,270 2/15/13 3/27/13 162,090 7/8/15 8/25/15 150,130 7/26/18 187,980 7/30/20 353,370 7/28/21	0 135,008 135,008 200,220 65,212 296,990 96,770 296,990 99,970 396,960 99,970 532,230 135,270 694,320 162,090 844,450 150,130 1,032,430 187,980 1,385,800	0 135,008 135,008 200,220 65,212 296,990 96,770 296,990 99,970 396,960 99,970 532,230 135,270 694,320 162,090 844,450 150,130 1,032,430 187,980 1,385,800	1.8 2.1 ND ND ND 2.0 ND ND ND 2.1 ND ND -- -- 2.1 ND ND 0.96 Eff. Only	ND ND ND ND ND ND -- -- -- -- ND ND -- -- -- ND ND 1.8 2.1 ND ND ND 2.0 ND ND ND 2.1 ND ND 0.96 Eff. Only	ND ND ND ND ND ND -- -- -- -- ND ND -- -- -- ND ND 1.8 2.1 ND ND ND 2.0 ND ND ND 2.1 ND ND 0.96 Eff. Only		ND ND ND ND ND ND -- -- -- -- ND ND -- -- -- ND ND 1.8 2.1 ND ND ND 2.0 ND ND ND 2.1 ND ND 0.96 Eff. Only								

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects						Effluent Detects		Flag
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)	TCE (ppb)	
988 Burch Circle Denise & Daniel McGraw Well: NV343 (118' deep)	JL-100 Every 1 yr Sept./15		03/30/00	01/26/00	0	0	2.3	ND	ND	ND	ND				Vol. Vol. Vol. Vol. Vol.
			05/03/00	05/03/00	0	0	2.2	ND	ND	ND	ND				
			11/01/00	12/28/00	149,485	149,485	2.7	ND	ND	ND	ND				
			12/21/01	1/3/02	322,441	172,956	2.5	ND	ND	ND	ND				
			10/02/02	11/21/02	417,370	94,929	3.0	ND	ND	ND	ND				
			08/26/03	09/25/03	537,248	119,878	Eff. Only								
			07/14/04	08/16/04	650,760	113,512	Eff. Only								
			03/17/05	04/19/05	746,160	95,400	Eff. Only								
			10/05/05	11/03/05	913,890	167,730	Eff. Only								
			06/22/06	--	996,550	82,660	--								
			04/10/07	07/19/07	1,135,300	138,750	2.2	ND	ND	ND	ND				
			06/25/08	--	1,372,550	237,050	--								
			10/9/08	--	1,467,070	94,520	--								
			12/7/09	--	1,621,040	153,970	--								
			3/8/11	--	1,724,800	103,760	--								
			5/4/12	3/6/13	1,795,350	70,550	1.3	(0.52 Toluene)	ND	ND	ND				
			9/4/13	--	1,916,690	121,340	--								
			7/18/14	--	1,981,810	65,120	--								
			11/13/15	--	2,093,190	111,380	--								
11/15/17	--	2,167,400	74,210	--											
989 Burch Circle Rob & Ellen Farrell Well: OA990 Outside faucets not filtered	JL-100 Every 1 yr Mar./11	1	12/20/00	11/2/00	0	No Meter	1.3	ND	ND	ND	ND	1.5			Vol. Vol.
			3/27/01	12/28/00	0	Meter Installed	1.5	ND	ND	ND	ND	ND	ND		
			10/4/01	3/27/01	132,687	132,687	1.8	<0.62>	ND	ND	ND	ND	ND		
			11/27/01	10/4/01	132,687	132,687	ND	ND	ND	ND	ND	ND	ND		
			03/17/03	03/28/03	227,250	94,563	Eff. Only								
			03/29/04	04/24/04	339,610	112,360	Eff. Only								
			05/20/05	08/18/05	457,930	118,320	Eff. Only								
			06/15/06	--	566,510	108,580	--								
			04/13/07	07/19/07	651,890	85,380	1.6	ND	ND	ND	ND				
			04/15/08	--	757,760	105,870	--								
			4/15/10	11/24/10	950,760	193,000	Eff. only								
			7/6/12	--	1,143,840	193,080	--								
			4/10/13	--	1,235,870	92,030	--								
			4/1/16	1/23/17	1,471,060	235,190	Eff. Only								
6/23/17	--	1,545,020	73,960	--											
4/19/18	--	1,588,990	43,970	--											
9/18/19	1/13/20	1,600,870	11,880	1.2	ND	ND	ND	ND	ND	ND	-				
1/26/22	--	1,822,550	221,680	--							-				
991 Burch Circle Charles Wanner Well: NL431 (257' deep)	JL-100 Every 1 yr Mar./11	1	01/25/00	11/18/99	0	0	1.9	ND	ND	ND	ND				Vol. Vol. Vol. Vol. Vol. Vol. Vol. Vol.
			03/10/00	03/10/00	0	0	2.4	ND	ND	ND	ND	ND			
			10/16/01	10/18/01	148,984	148,984	1.8	ND	ND	ND	ND	ND			
			03/05/03	03/07/03	307,460	158,476	Eff. Only								
			03/09/04	03/31/04	534,420	226,960	Eff. Only								
			09/08/04	09/27/04	790,320	255,900	Eff. Only								
			04/27/05	06/16/05	879,960	54,050	Eff. Only								
			09/09/05	09/27/05	1,099,160	219,200	Eff. Only								
			09/26/06	--	1,429,920	330,760	--								
			05/03/07	07/19/07	1,459,050	29,130	1.4	ND	ND	ND	ND				
			05/02/08	--	1,634,690	175,640	--								
			8/30/10	--	1,880,170	245,480	--								
			12/5/12	--	2,076,210	196,040	--								
			4/9/14	--	2,248,700	172,490	--								
			8/23/17	--	2,668,890	420,190	--								
			1/7/20	--	2,817,170	148,280	--								
			5/6/21	--	2,863,280	46,110	--								

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
922 Coyote Lane Jason and Jessica Swavely Well: VA723	JL-100 Every 2 yr Feb./11		4/27/10 4/20/12 4/9/14 5/19/16 8/28/18 2/6/20	2/19/10 3/8/13 6/17/14 7/11/16	0 109,610 276,450 419,030 581,790	0 109,610 166,840 142,580 162,760	1.5 1.1 Eff. Only 0.84	ND ND ND	ND ND ND	ND ND ND					
924 Coyote Lane Carla Bebault Well: SR978	JL-100 Every 2 yrs Feb./09		11/02/05 5/03/07 2/17/11 3/21/14 9/9/16 3/22/18 7/7/20	08/18/05 12/14/05 -- 11/6/15 11/9/16 5/14/18 8/4/20	0 45,240 230,710 328,240 435,060 475,620 530,500	0 45,240 185,470 97,530 106,820 40,560 54,880	<0.67> -- 1.1 1.3 Eff. Only 1.1	ND ND ND ND ND	ND ND ND ND	ND ND ND	ND	ND	-	-	
927 Coyote Lane Jamie & Laura Jones Well: SK790 Nitrates 13 mg/L	JL-100 Every 2 yr Feb./15	1	11/08/05 3/19/08 2/5/10 2/27/13 3/31/14 3/4/16 3/17/17 3/28/18 5/29/19 10/2/20 1/6/22	08/18/05 12/14/05 -- 4/7/10 9/17/12 8/5/14 5/6/16 5/17/17 7/3,220 6/26/19 10/21/20	0 120,810 345,300 524,950 547,210 596,700 678,660 725,620 773,220 825,320 898,080 976,680	0 120,810 224,490 179,650 22,260 49,490 81,960 46,960 47,600 52,100 72,760 78,600	2.6 2.2 -- 1.8 1.7 Eff. Only 1.5 1.6 1.8 1.5	ND ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND	0.39 J ND	- ND	ND	Vol. Vol.
931 Coyote Lane Keith and Judy Stanze Well: 1M897	JL-100 Every 2 yrs Feb./12		11/16/06 3/21/08 2/18/10 3/30/12 2/17/14 3/16/16 3/23/18 6/18/20	10/11/06 -- 4/7/10 9/17/12 2/25/14 5/6/16 5/22/18 7/28/20	0 65,330 174,380 296,340 418,930 581,740 707,340 828,970	0 65,330 109,050 121,960 122,590 162,810 125,600 121,630	2.2 -- -- 1.5 1.2 Eff. Only 1.3 Eff. Only 1.1	ND ND ND ND ND	ND ND ND ND	ND ND ND ND	ND	ND	-	-	Vol.
934 Coyote Lane Ashley and Dan Giles Well: SQ946	JL-100 Every 2 yrs Feb./12	1	11/08/05 3/05/08 2/15/10 4/22/13 11/8/13 3/25/16 3/20/18 7/15/20	08/18/05 12/14/05 -- 4/7/10 10/31/13 12/28/16 5/10/18 9/3/20	0 160,500 275,200 472,670 78,410 130,168 281,290	0 160,500 114,700 197,470 (installed new meter) 78,410 51,758 151,122	<0.90> 1.5 -- 1.6 Eff. Only 1.5 Eff. Only 1	ND ND ND	ND ND ND	ND ND	ND	ND	-	-	
935 Coyote Lane Ryan & Elizabeth Goulette Well: SK786	JL-100 Every 2 yrs Feb./12		05/23/05 3/09/07 11/30/09 5/10/13 2/2/15 5/19/16 3/25/19 3/24/21	03/20/05 08/09/05 -- 2/19/10 1/20/14 11/25/19	0 85,510 200,470 377,150 454,580 - 758,430 964,730	0 85,510 114,960 176,680 77,430 - - 206,300	2.7 2.4 -- 1.6 Eff. Only 1.7	ND ND ND	ND ND ND	ND ND	ND ND	ND	ND	ND	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects			Flag	
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
864 Crane Hill Trail Chris Dillingham Well: BM106 Former Address: 965 Alexander Road (Caretaker Residence) LRT is no longer responsible for GACS	JL-100 Every 2 yrs Jan./11 JL-300 JL-100		4/15/97 4/28/97 05/14/98 04/22/99 04/25/00 06/23/00 Fe Col. 01/08/03 02/09/05 01/25/07 2/26/09 3/18/13 3/2/15 2/12/18	9/18/96 4/28/97 5/15/98 07/29/99 -- 8/1/00 7/26/01 01/21/03 03/14/05 -- -- 5/2/13 9/6/17 5/10/18	0 36,370 68,230 -- 134,042 214,201 325,520 527,620 746,280 951,530 1,201,830 1,306,330 1,382,230 1,424,430	0 36,370 31,860 -- 65,812 80,159 191,478 202,100 218,660 205,250 250,300 104,500 75,900 42,200	ND ND ND ND Mistaken instal ND -- ND ND -- -- ND ND ND ND	ND ND ND ND -- ND -- ND ND -- ND ND ND ND	ND ND ND ND -- ND -- ND ND -- ND ND ND ND						Vol.
868 Crane Hill Trail Chris Dillingham Well: BM109 Former Address: 965 Alexander Road (Troop House)	JL-100 Every 2 yrs Jan./11 JL-300 JL-100		4/15/97 4/27/97 05/14/98 04/22/99 06/23/00 Fe 02/19/02 03/11/04 02/09/05 01/25/07 2/26/09 4/8/11 5/2/13 2/12/18 4/19/21	9/18/96 4/27/97 5/15/98 07/29/99 8/1/00 4/4/02 07/16/04 02/23/05 -- -- 5/22/13 9/6/17 5/10/18	0 41,220 76,490 129,790 178,800 220,740 230,950 285,470 319,450 349,360 453,440 466,830 671,510	0 41,220 35,270 53,300 49,010 41,940 10,210 54,520 33,980 29,910 13,390 204,680	ND 0.53 <0.4> <0.58> <0.86> ND ND ND ND -- 0.42 ND ND	ND 0.34 <0.4> <0.64> ND ND ND ND -- ND ND ND	ND 0.097 ND ND ND ND ND ND ND ND ND (Toluene 6.9) ND ND					PCE	
905 Crane Hill Trail (Water is not filtered) Well: NE547 Community Well for Crane Hill of Hudson Former address: 965 Alexander Rd.			- - - -	9/6/17 5/10/18 6/26/19 6/30/20 6/21/21	- - - -	- - - -	ND ND ND ND ND	ND ND ND ND 0.38 J	ND ND ND ND ND	ND ND ND ND ND	0.44 J ND ND	- -	- -		
813 Dove Court Kyle & Angie Hewitt Well: SU820	JL-300 Every 1 yr Aug./11		05/05/05 02/10/06 09/20/06 01/30/07 09/21/07 03/31/08 11/19/08 9/21/09 8/11/10 8/29/12 8/30/13 9/2/14 9/9/15 12/2/16 10/2/17 11/21/18 8/16/19 6/15/21	03/07/05 08/09/05 04/17/06 -- -- -- -- 4/7/10 9/28/10 7/25/12 3/20/13 7/15/14 1/2/15 2/5/16 1/13/17 12/22/17 12/31/18 10/18/19 7/29/21	0 116,110 238,590 256,360 392,360 411,490 427,770 457,770 483,070 547,330 579,610 658,070 710,470 737,080 873,530 922,380 978,860 1,023,820 112,770	0 116,110 122,480 17,770 136,000 19,130 16,280 30,000 25,300 96,540 78,460 52,400 26,610 136,450 48,850 56,480 44,960 88,950	6.7 6.5 Eff. Only -- -- -- -- Eff. Only 5.7 5.3 4.6 Eff. Only Eff. Only 3.8 4.5 4.6 Eff. Only 3.7 3.2	1.4 <0.76> -- -- -- -- -- -- <0.62> ND ND <0.54> ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND					Vol. Vol. Vol.	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag				
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)			
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7								
982 Drover Trail Jamie Zimmer Well: NA637 (87' deep)	JL-100 Every 2 yrs Mar./08		06/26/00	08/26/99	0	0	ND	ND	ND	ND					Vol.?			
			06/29/00	06/29/00			ND	ND	ND	ND								
			7/26/01	7/26/01	84,318	84,318	--	--	--	--								
			03/21/02	3/21/02	123,540	123,540	<1.2>	ND	ND	ND								
			07/16/04	08/16/04	318,110	194,570	Eff. Only											
			4/11/06	--	447,400	129,290	--											
			11/16/11	--	801,570	354,170												
			7/17/13	5/26/15	901,234	99,664	0.93	ND	ND	ND								
			6/10/15	--	975,090	73,856												
			2/28/19	3/27/19	1,053,120	78,030	ND	ND	ND	ND	ND	ND	ND	ND		ND		
3/19/21	5/20/21	1,103,100	49,980	ND	ND	ND	ND	ND	ND	ND	ND	ND						
984 Drover Trail Steve & Tara McMahon Well: MP004 Inf. and Eff.	JL-100 Every 2 yrs Mar./08		10/09/98	7/7/98	0	0	1.3	ND	ND	ND					Vol.			
			01/13/00	10/28/98	79,070	79,070	1.7	ND	ND	ND								
			08/24/01	01/26/00	183,340	104,270	1.1	ND	ND	ND								
			04/04/03	10/18/01	258,290	74,950	1.3	ND	ND	ND								
			03/12/04	4/30/03	310,522	52,232	1.2	ND	ND	ND								
			4/17/06	03/31/04	429,830	119,308	1.1	ND	ND	ND								
			5/3/11	--	540,890	111,060	--											
			4/12/13	7/25/12	1,636,230	1,095,340	0.76	ND	ND	ND								
			3/24/14	9/3/14	1,704,580	68,350	Eff. Only											
			1/20/16	--	1,892,290	187,710												
			9/27/16	--	1,946,290	54,000												
			4/19/19	--	2,141,630	195,340												
			10/16/20	--	2,339,610	197,980												
			5/10/21	--	2,380,440	40,830												
985 Drover Trail John Schultz Well: NB195	JL-100 Every 2 yrs Mar./12	1	12/30/99	08/26/99	0	0	1.3	ND	ND	ND				Vol.				
			08/23/01	01/26/00	112,450	112,450	1.3	ND	ND	ND								
			02/28/03	8/30/01	199,160	86,710	1.2	ND	ND	ND								
			03/21/05	03/07/03	321,510	122,350	Eff. Only											
			05/18/07	04/19/05	421,970	100,460	Eff. Only											
			3/26/10	7/20/07	578,290	156,320	0.82	ND	ND	ND								
			4/20/12	3/28/13	682,140	103,850	0.71	ND	ND	ND								
			3/17/14	6/25/14	770,800	88,660	Eff. Only											
			4/18/16	8/9/16	872,720	101,920	0.82	ND	ND	ND								
			7/18/18	10/4/18	994,500	121,780	Eff. Only											
			11/9/20	12/8/20	1,130,710	136,210	0.71	ND	ND	ND	ND	ND	ND		ND			
			986 Drover Trail Robert & Debra Shearer Well: MK559 Sprinkler system not filtered	JL-100 Every 2 yrs Mar./11		07/22/99	10/28/98	No meter	No meter	1.6	ND	ND	ND					Vol. Vol. Vol.
						06/23/00	07/29/99	Meter installed	Meter installed	<0.96>	ND	ND	ND					
08/14/00	06/23/00	0				0	--	--	--	--								
08/29/01	08/14/00	19,450				19,450	--	--	--	--								
04/10/03	10/4/01	184,090				184,090	<1.1>	ND	ND	ND								
04/10/04	4/30/03	301,178				117,088	Eff. Only											
11/26/04	04/25/04	477,630				176,452	Eff. Only											
04/01/05	02/23/05	651,400				173,770	Eff. Only											
07/13/07	05/13/05	665,390				13,990	Eff. Only											
3/2/09	--	774,620				109,230	--											
4/5/13	2/19/10	834,450				59,830	<0.78>	ND	ND	ND								
7/6/18	--	982,000				147,550												
2/18/20	9/4/20	1,176,740				194,740	0.24 J	ND	ND	ND	ND	ND	ND	ND				

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
987 Drover Trail Joseph & Samantha Warner Well: MX890 (100' bg)	JL-100 Every 2 yrs Mar./09		02/18/00 08/28/01 04/05/02 03/07/03 07/22/05 06/07/07 7/11/13 5/15/15 7/18/18 8/3/20	03/25/99 03/06/00 8/30/01 5/15/02 3/28/03 08/18/05 09/24/08 9/3/15 11/25/19 8/21/20	0 151,980 53,160 129,130 No Meter 84,480 407,090 476,370 558,030 650,270	0 151,980 ? 75,970 New Meter 0 84,480 322,610 69,280 81,660 92,240	2.0 2.0 2.1 2.0 Eff. Only Eff. Only 1.1 1.1 1.3 0.92	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND						
988 Drover Trail Richard & Anita Manhardt Well: NB181	JL-100 Every 1 yr Mar./07	1	03/09/00 08/17/01 03/14/02 03/05/03 06/28/05 06/27/06 6/13/13 6/18/13 3/17/15 5/30/17 4/19/18 10/29/19 7/6/21	08/26/99 3/27/00 8/30/01 3/21/02 3/28/03 07/13/05 -- 6/13/13 5/12/15 2/21/18 6/12/18	0 199,550 264,876 362,760 545,370 663,390 1,246,730 1,247,200 1,304,590 1,356,470 1,387,130 1,389,421 1,407,770	0 199,550 65,326 97,884 182,610 118,020 583,810 57,390 51,880 30,660 2,291 18,349	1.2 <0.96> <0.96> <1.1> Eff. Only Eff. Only 0.45 Eff. Only Eff. Only ND	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND					Vol. Vol.	
989 Drover Trail Eugene & Carolyn Hess Well: NB200 (100')	JL-100 Every 2 yrs Mar./10	1	4/24/00 08/21/01 03/02/04 04/05/06 04/04/08 4/7/11 4/22/13 3/25/15 7/16/18 7/28/20	08/26/99 5/3/00 10/4/01 04/07/04 4/26/06 6/13/13 5/15/15 12/11/19	0 183,760 268,470 554,600 656,210 796,690 893,490 975,010 1,108,760 1,179,400	0 183,760 268,470 102,370 101,610 140,480 96,800 81,520 133,750 70,640	ND ND ND Eff. Only ND Eff. Only ND ND ND	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND						
906 Florence Lane Kim Harkness Well: OM629	JL-100 Every 2 yrs Feb./11		5/1/01 Col. 02/08/03 03/08/05 03/23/07 2/2/09 3/30/12 3/30/15	3/5/01 7/12/01 1/31/02 03/28/03 06/16/05 09/24/08 3/8/13	0 26,204 74,760 180,570 299,770 387,780 609,730 827,150	0 26,204 74,760 105,810 119,200 88,010 221,950 217,420	ND ND -- Eff. Only Eff. Only ND ND ND	ND ND -- -- ND ND ND	ND ND ND ND ND ND 0.65						
910 Florence Lane New Owner (2020) Jessica Jacobson Well: OV328 Previous Owner: Michelle Drost	JL-100 Every 1 yr Feb./11	1	11/19/01 03/09/04 03/16/06 03/20/08 6/11/10 3/17/14 5/18/15 3/4/16 3/15/17 10/24/18 1/3/20 6/25/21	7/12/01 12/03/01 04/06/04 -- 09/24/08 6/26/15 1/23/17 4/11/17 7/21/20 7/19/21	0 114,260 247,900 399,230 575,300 746,310 1,149,910 1,194,330 1,246,240 1,317,680 1,379,040 1,441,490	0 114,260 133,640 151,330 176,070 171,010 403,600 44,420 51,910 71,440 61,360 62,450	1.7 2.1 Eff. Only -- 1.5 1.3 1 Eff. Only 0.93 ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND					Vol. Vol. Vol.	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)	
913 Florence Lane Lonnie & Gabrielle Reckin ██████████ ██████████ Well: OV489	JL-100 Every 1 yr Feb./09		03/05/02 3/21/02 01/06/04 03/15/05 03/16/07 03/19/08 3/30/12 3/7/14 4/16/15 2/25/16 5/31/17 3/27/18 7/7/20	12/06/01 3/21/02 03/31/04 03/29/05 7/23/07 8/7/12 9/26/17 7/28/20	0 192,880 336,840 444,370 546,490 822,540 855,270 927,520 958,540 1,006,310 1,019,260 1,038,710 1,391,370	0 192,880 143,960 107,530 102,120 276,050 32,730 72,250 31,020 47,770 12,950 19,450 352,660	1.5 1.6 Eff. Only Eff. Only 1.2 0.99 ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol. Vol. Vol. Vol. Vol.
914 Florence Lane Maynard & Rebecca Huth ██████████ ██████████ Well: LE603	JL-100 Every 2 yrs Feb./11		6/17/02 12/26/03 03/08/05 02/20/06 c 03/24/08 -- 2/12/10 4/12/12 3/7/14 3/23/16 4/19/18 7/20/21	03/21/02 6/17/02 03/29/04 03/29/05 4/4/06 -- 4/7/10 3/7/13 5/31/16 12/10/19	0 131,360 216,800 263,110 436,910 -- 545,730 658,670 754,400 843,850 938,990 1,082,490	0 131,360 85,440 46,310 173,800 -- 108,820 112,940 95,730 89,450 95,140 143,500	1.5 1.7 Eff. Only Eff. Only 1.3 -- 1.3 1.1 0.96 0.93	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol. Vol. Vol. Vol. Vol.
917 Florence Lane Brett & Darci Anderson ██████████ ██████████ Well: RJ285 House up for sale 3/2019	JL-100 Every 2 yrs Feb./11 Nitrates		08/18/03 03/17/05 03/09/07 1/29/10 4/5/12 5/5/14 3/15/16 9/26/18 8/3/20	06/12/03 08/22/03 03/29/05 -- 2/1/10 5/17/16 3/20/19 9/3/20	0 84,370 193,740 390,350 572,950 776,350 996,240 1,228,990 1,438,400	0 84,370 109,370 196,610 182,600 203,400 219,890 232,750 209,410	1.2 1.3 Eff. Only -- 1.3 0.59 0.66 0.28	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol. Vol. Vol. Vol. Vol.	
921 Florence Lane Gina & William Runck ██████████ ██████████ Well: TI069	JL-100 Every 2 yrs Feb./12	1	05/15/06 02/18/08 2/11/10 3/15/13 7/8/15 4/24/17 3/20/19 3/5/21	3/9/06 -- 4/7/10 7/21/17 6/12/19 4/1/21	0 110,720 207,710 365,870 490,570 550,070 657,200 790,030	0 110,720 96,990 158,160 124,700 59,500 107,130 132,830	0.4 -- -- 1.1 0.94 0.88 0.53	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol. Vol. Vol. Vol. Vol.	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)		Chloroform (ppb)	TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
922 Florence Lane Richard Green ██████████ Well: SC159	JL-100 Every 1 yr Feb./11	1	07/14/04 12/01/04 2/14/06 03/28/07 02/18/08 2/15/10 3/30/12 3/11/13 2/17/14 2/20/15 3/11/16 2/27/17 3/12/18 3/26/19 7/13/20 7/13/21	04/26/04 09/30/04 12/08/04 4/17/06 -- 6/9/08 10/18/12 7/1/14 3/26/15 5/12/16 4/11/17 3/30/18 6/3/19 7/28/20 8/20/21	0 115,520 200,660 380,600 522,740 788,490 955,000 1,070,530 1,186,580 1,245,950 1,315,750 1,393,480 1,466,060 1,581,420 1,695,040 1,840,600	0 115,520 85,140 179,940 142,140 265,750 166,510 116,050 59,370 69,800 77,730 72,580 115,360 113,620 145,560	ND 3.3 Eff. Only Eff. Only -- 1.4 -- 1.2 -- Eff. Only Eff. Only 1.1 Eff. Only Eff. Only 0.96 0.76	ND ND ND -- ND -- ND -- ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	Vol. Vol.		
926 Florence Lane Teresa Tipp ██████████ Well: MY970 (257 ft)-First Well: MY982 (ft)-Second	JL-100 Every 1 yr Feb./08	2	01/08/02 02/17/03 11/23/04 8/1/06 03/08/07 1/17/13 4/1/14 1/20/21	3/21/01 8/30/01 01/22/02 02/17/03 11/23/04 -- -- 1/7/21	1st Well 2nd Well 0 95,140 243,425 440,270 496,750 1,096,660 1,188,050 1,723,850	0 95,140 148,285 196,845 56,480 599,910 91,390 535,800	ND ND <0.53> Eff. Only Eff. Only -- -- 0.33 J	ND ND ND ND ND -- ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	Vol. Vol.		
927 Florence Lane Scott & Jill Link ██████████ Well: OM696 ██████████ LRT is no longer responsible for GACS	JL-100 Every 2 yrs Feb./12		8/24/01 10/30/03 03/22/05 2/14/06 c 02/21/08 3/10/10 3/29/12 3/4/14 3/8/16 4/9/18 7/7/20	7/12/01 8/30/01 12/03/03 03/29/05 4/4/06 -- -- -- -- -- --	0 166,370 326,100 421,560 715,360 891,260 1,013,840 1,158,180 1,269,470 1,385,890 1,508,670	0 166,370 159,730 95,460 293,800 175,900 122,580 144,340 111,290 116,420 122,780	ND ND Eff. Only Eff. Only ND -- -- -- -- -- --	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	Vol.			
931 Florence Lane Shelly McGrath & Tyler Behr ██████████ Well: OK193	JL-100 Every 2 yrs Feb./12		4/2/02 02/24/03 04/10/04 03/07/05 03/20/07 03/24/08 2/17/10 5/1/12 2/28/14 7/18/16 4/5/19	12/20/01 4/18/02 02/28/03 04/26/04 05/13/05 7/23/07 -- 3/8/13	0 76,990 141,700 189,550 334,700 409,390 524,140 600,320 628,960 668,620 749,030	0 76,990 64,710 47,850 145,150 74,690 114,750 76,180 28,640 39,660 80,410	2.4 1.4 Eff. Only Eff. Only Eff. Only ND -- -- ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND				
935 Florence Lane Mollie Hagman ██████████ Well: XD640	JL-100 Every 1 yr Sept./13		9/26/13 9/22/14 4/1/16 9/27/17 1/19/21 7/9/21	6/20/13 10/8/13 12/12/14 7/22/16 2/9/18	1,560 51,900 136,680 222,300 446,320	Raw water 1,560 50,340 84,780 85,620 446,320	2.7 Eff. Only Eff. Only 2.2 Eff. Only	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	(Toluene 0.60 p			

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule +	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
952 Florence Lane Jeff & Shannon Welle Well: OV350	JL-100 Semi-Ann. Feb./Aug.		1/11/02 02/12/03 02/27/04 03/25/05 03/31/06 09/08/06 03/23/07 3/21/08 11/14/08 9/11/09 2/19/10 3/20/12 10/18/12 6/14/13 11/4/13 10/24/14 3/2/15 11/11/15 3/8/16 9/2/16 2/20/17 9/27/17 3/5/18 11/13/18 8/7/19 7/1/20 3/22/21	10/4/01 01/22/02 02/28/03 04/06/04 04/19/05 -- -- 7/20/07 -- -- -- 10/18/12 1/20/14 3/4/15 2/5/16 11/11/16 3/14/18 12/31/18 7/8/20 5/20/21	0 87,080 224,260 346,420 497,360 713,320 871,060 1,236,300 1,402,590 1,558,630 1,611,960 2,184,450 2,262,100 2,408,110 2,511,600 2,540,070 2,608,420 2,638,650 2,736,110 2,759,680 2,869,970 3,022,290 3,162,260 3,403,170 3,566,980	0 87,080 137,180 122,160 150,940 215,960 157,740 365,240 166,290 156,040 53,330 572,490 77,650 146,010 103,490 28,470 68,350 30,230 97,460 23,570 110,290 152,320 139,970 240,910 163,810	4.6 3.9 Eff. Only Eff. Only Eff. Only -- -- 3.3 -- -- -- 2.0 -- Eff. Only Eff. Only -- 1.9 -- 2.3 -- Eff. Only 1.7 -- 2.1 1.4	ND ND -- -- ND -- -- ND -- -- ND ND -- -- ND ND ND ND ND -- ND ND ND ND ND ND ND	ND ND -- -- ND -- ND -- -- -- ND ND -- -- ND ND ND ND ND -- ND ND ND ND ND ND ND	ND ND -- -- ND -- ND -- -- -- ND ND -- -- ND ND ND ND ND -- ND ND ND ND ND ND ND	ND ND -- -- ND -- ND -- -- -- ND ND -- -- ND ND ND ND ND -- ND ND ND ND ND ND ND	ND ND -- -- ND -- ND -- -- -- ND ND -- -- ND ND ND ND ND -- ND ND ND ND ND ND ND	ND ND -- -- ND -- ND -- -- -- ND ND -- -- ND ND ND ND ND -- ND ND ND ND ND ND ND	Vol.	
953 Florence Lane Dolf & Heather Schmidt Well: TE168	JL-100 Every 1 yrs Feb./12		4/27/06 3/27/08 8/2/10 3/29/12 3/4/14 3/3/15 7/26/16 11/21/17 2/15/19 5/26/20 6/25/21	3/2/06 -- 3/29/13 7/24/14 6/26/15 6/20/17 2/27/18 5/23/19 9/18/20 8/20/21	0 116,630 234,250 329,950 430,910 486,940 583,440 662,520 746,990 836,340 930,520	0 116,630 117,620 95,700 100,960 56,030 96,500 79,080 84,470 89,350 94,180	1.6 -- 1.7 Eff. Only Eff. Only 2.2 Eff. Only 2 1.7	ND -- ND -- ND -- ND -- ND ND ND	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND	0.63 J ND	ND -- ND -- ND -- ND -- ND ND ND	ND -- ND -- ND -- ND -- ND ND ND	Vol.	
956 Florence Lane Dennis & Jennifer Kresel Well: QK860	JL-100 Every 2 yrs Feb./06		4/2/02 07/14/04 2/27/13 6/16/15 6/14/17 4/4/19 8/25/21	12/20/01 4/4/02 08/16/04 8/25/15 6/12/19 11/24/21	0 147,960 656,650 743,798 860,450 934,140 1,079,500	0 147,960 508,690 87,148 116,652 73,690 145,360	3.6 3.5 Eff. Only 1.6 2 1.3	ND ND -- ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	(Vol.)		
957 Florence Lane Brittany Schroeder Well: OV471	JL-100 Every 2 yr Feb./15		03/07/02 03/08/04 03/08/06 04/5/07 3/19/08 3/26/10 4/12/12 4/5/13 3/7/14 6/1/15 3/4/16 6/30/17 4/20/18	12/20/01 3/21/02 03/29/04 05/15/06 -- 9/24/08 3/27/13 6/25/14 6/22/15 5/12/16	0 131,970 268,790 430,820 584,710 755,610 871,770 935,510 960,860 987,280 1,137,990 1,191,320 1,215,080	0 131,970 136,820 162,030 153,890 170,900 116,160 63,740 25,350 26,420 150,710 53,330 23,760	3.4 3.1 4.2 Eff. Only -- 3.1 1.8 -- Eff. Only 2 Eff. Only	ND ND ND -- ND -- ND -- ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol.			

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	
885-A Fraser Lane Sweetgrass Properties LLC Well: OM698 (at 881-B Fraser)	JL-100 Every 1 yr Dec./09	1	06/12/01 07/12/01 02/07/03 11/19/04 3/6/08 12/27/12 1/20/14 4/8/15 12/11/15 3/31/17 4/9/18 12/3/20	5/4/01 07/12/01 02/17/03 11/19/04 02/20/06 3/12/13 3/5/14	0 93,520 205,830 468,770 820,830 871,950 918,750 946,710 1,031,206 1,048,640 1,085,600	0 93,520 112,310 262,940 352,060 51,120 46,800 27,960 84,496 17,434 36,960	<1.6> <1.3> Eff. Only Eff. Only ND ND Eff. Only	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND				Vol.
885-B Fraser Lane Sweetgrass Properties LLC Well: OM698 (at 881-B Fraser)	JL-100 Every 1 yr Dec./06		05/30/01 02/28/03 11/19/04 12/27/12 1/10/14 1/19/15 5/4/16 3/28/17 5/21/18	5/4/01 07/12/01 02/17/03 11/19/04 02/20/06 3/8/13	0 113,910 276,860 831,600 887,310 925,770 975,480 1,042,427 1,065,140	0 113,910 162,950 554,740 55,710 38,460 49,710 66,947 22,713	<1.6> <1.3> Eff. Only Eff. Only ND 0.43	ND ND ND ND ND ND	ND ND ND ND ND ND				Vol. Vol.
889-A Fraser Lane Sweetgrass Properties LLC Well: OM650 (at 891-B Fraser)	JL-100 Every 2 yrs Dec./09	1	03/13/01 02/17/03 03/29/05 03/22/07 1/30/13 4/13/16 8/15/19	2/9/01 3/7/01 02/17/03 11/12/04 04/20/05 2/19/10 *	0 56,160 180,720 266,560 488,470 608,220 759,050	0 56,160 124,560 85,840 221,910 119,750 150,830	<1.3> <1.0> Eff. Only <0.70> Eff. Only <0.55>	ND ND ND ND ND ND	ND ND ND ND ND ND				*See results for 889-B Fraser Lane
889-B Fraser Lane Sweetgrass Properties LLC Well: OM650 (at 891-B Fraser)	JL-100 Every 1 yr Dec./10 Every 2 yrs	1 1	04/4/01 02/17/03 03/14/06 c 10/24/09 12/19/12 4/11/14 3/7/2017 1/15/18 5/23/18 8/8/19 10/8/20	2/9/01 3/7/01 02/17/03 04/06/04 04/26/06 2/19/10 12/14/20	0 125,780 204,400 300,780 503,030 652,890 908,450 820,910 867,480 864,770 917,470 951,660	0 125,780 78,620 96,380 202,250 149,860 255,560 ? 46,570 (2,710) 52,700 34,190	<1.3> <1.0> Eff. Only <0.70> Eff. Only <0.55>	ND ND ND ND ND ND	ND ND ND ND ND ND				Vol.
890 Fraser Lane Vini & Glenda Manchanda [REDACTED] Well: LE558 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Dec./10	1	4/9/02 03/12/04 02/24/06 c 3/17/08 2/18/13 2/16/15 1/15/18 1/21/21	12/20/01 4/18/02 09/27/04 04/26/06 2/16/15 3/30/18 3/3/21	0 152,310 355,290 532,920 1,060,940 1,464,110 1,748,340 2,012,980	0 152,310 202,980 177,630 528,020 403,170 284,230 264,640	ND ND Eff. Only ND ND Eff. Only ND	ND ND ND ND ND ND	ND ND ND ND ND ND				Meter

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)	
891-A Fraser Lane Sweetgrass Properties LLC Well: OM650 (at 891-B)	JL-100 Every 1 yr Dec./07		03/06/01 02/12/03 02/10/06 12/16/11 5/6/13 8/15/19 - 1/25/21	2/9/01 3/7/01 02/17/03 04/06/04 -- 2/19/10 11/25/19 *	0 101,060 222,970 523,320 630,730 872,170 - 808,600	0 101,060 121,910 300,350 107,410 241,440 - ?	<1.3> <1.0> Eff. Only <0.70> -- <0.55> 0.69	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND		
891-B Fraser Lane Sweetgrass Properties LLC Well: OM650 Inf. and Eff.	JL-100 Every 2 yrs Dec./09		03/09/01 02/13/03 2/28/04 03/06/07 3/13/08 2/28/11 12/26/13 1/30/17 1/25/21	2/9/01 3/7/01 02/17/03 11/12/04 -- 2/19/10 * 1/25/21	0 103,240 189,700 252,590 271,100 361,060 494,600 693,850 897,130	0 103,240 86,460 62,890 18,510 89,960 133,540 199,250 203,280	<1.3> <1.0> ND <0.70> -- <0.55>	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND		
894 Fraser Lane Robert & Dawn Evans Well: QQ170 Nitrates 12.5	JL-100 Every 1 yr Dec./10		3/29/02 02/06/04 3/14/08 12/30/11 1/6/14 4/4/16 5/23/18 12/23/19 2/25/21	1/22/02 4/4/02 03/25/04 9/24/08 7/22/16 * 8/3/21	0 214,355 562,160 872,960 1,349,210 1,567,300 1,844,040 2,064,100 2,188,410	0 214,355 347,805 310,800 476,250 218,090 276,740 220,060 124,310	ND ND ND ND <0.49> ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND		
895-A Fraser Lane Sweetgrass Properties LLC Well: OM650 (at 891-B Fraser)	JL-100 Every 2 yrs Dec./09		08/13/01 02/26/03 03/04/04 09/30/05 10/12/07 8/20/19	2/9/01 08/30/01 02/17/03 04/07/04 11/03/05 -- 2/19/10 *	0 92,140 169,200 328,420 483,660 -- 992,930	0 92,140 77,060 159,220 155,240 -- 509,270	<1.3> <1.0> Eff. Only <0.70> Eff. Only -- <0.55>	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND		
895-B Fraser Lane Sweetgrass Properties LLC Well: OM650 (at 891-B Fraser)	JL-100 Every 2 yrs Dec./12		08/13/01 02/26/03 03/04/04 03/06/06 c 12/9/10 12/9/10 1/9/13 8/20/19	2/9/01 08/30/01 02/17/03 04/07/04 04/26/06 2/19/10 * 8/20/19	0 84,230 143,880 377,030 918,580 0 88,240 560,840	0 84,230 59,650 233,150 541,550 0 88,240 472,600	<1.3> <1.0> Eff. Only <0.70> Eff. Only <0.55> New meter	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND		
898 Fraser Lane Jill & Michael Dougherty Well: QU341 old lab to send	JL-100 Every 2 yr Dec./11		10/09/02 03/02/04 03/08/06 c 3/17/08 7/24/09 7/10/12 4/21/14 6/21/16 8/31/20	06/04/02 10/31/02 03/26/04 04/19/06 -- 4/2/13 8/11/17 10/21/20	0 150,520 453,460 784,640 931,850 1,204,290 1,357,610 1,515,980 1,846,880	0 150,520 302,940 331,180 147,210 272,440 153,320 158,370 330,900	ND <0.44> Eff. Only 0.52 -- <0.46> ND 0.71	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	Vol. Vol. Vol. Vol.	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)		Chloroform (ppb)	TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
899-A Fraser Lane Sweetgrass Properties LLC Well: OR585 (at 903 Fraser)	JL-100 Every 2 yr Dec./09		09/10/01 03/28/03 05/14/04 3/12/08 1/8/16 1/29/19 1/20/21	8/2/01 10/04/01 02/17/03 06/09/04 4/19/06 9/24/08 2/5/16 *	0 76,780 188,710 394,100 752,430 960,460	0 76,780 111,930 205,390 358,330 208,030	1.7 1.7 Eff. Only Eff. Only see 903 Fraser 1.4 1	ND ND ND ND *See results for 903-B Fraser Lane	ND ND ND ND						
899-B Fraser Lane Sweetgrass Properties LLC Well: OR585 (at 903 Fraser)	JL-100 Every 2 yrs Dec./10		09/10/01 02/18/03 05/07/04 03/22/05 03/30/06 4/28/08 2/5/14 1/15/18 1/20/21	8/2/01 10/04/01 02/17/03 06/16/04 04/01/05 4/19/06 2/1/18 *	0 107,850 197,520 244,520 385,550 423,740 639,770 647,860	0 107,850 89,670 47,000 141,030 38,190 216,030 8,090	1.7 1.7 Eff. Only Eff. Only Eff. Only see 903 Fraser Eff. Only	ND ND *See results for 903-B Fraser Lane	ND ND ND ND				Vol.		
903-A Fraser Lane Sweetgrass Properties LLC Well: OR585	JL-100 Every 2 yrs Dec./08	2	09/28/01 02/28/04 03/10/06 8/20/19	8/2/01 10/04/01 04/06/04 04/19/06 *	0 81,090 151,270 611,810	0 81,090 70,180 460,540	1.7 1.7 Eff. Only 1.4	ND ND ND *See results for 903-B Fraser Lane	ND ND ND ND						
903-B Fraser Lane Sweetgrass Properties LLC Well: OR585	JL-100 Every 2 yr Dec./10	1 1	09/28/01 02/17/03 12/06/04 4/21/09 1/15/13 2/3/14 2/5/15 1/9/17 1/16/19 1/14/20 4/5/21	8/2/01 10/04/01 02/17/03 03/31/05 4/19/06 3/6/13 5/8/14 2/16/15 4/7/17 3/14/19 2/25/20 5/21/21	0 80,670 211,280 471,640 695,010 769,990 837,520 927,550 1,002,700 1,041,070 1,116,180	0 80,670 130,610 260,360 223,370 74,980 67,530 90,030 75,150 38,370 75,110	1.7 1.7 Eff. Only Eff. Only 1.4 1.2 Eff. Only Eff. Only 1.1 1.1 ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND			Vol. Vol. Vol.			
909-A Fraser Lane Sweetgrass Properties LLC Well: OR585 (at 903 Fraser)	JL-100 Every 1 yr Dec./10	1	10/18/01 12/13/04 05/16/06 02/28/07 3/6/08 1/15/13 1/8/15 1/8/16 8/15/19	8/2/01 11/27/01 03/31/04 4/19/06 -- 3/20/13 *	0 187,760 340,200 394,530 453,970 834,510 926,814 976,580 1,123,770	0 187,760 152,440 54,330 59,440 380,540 92,304 49,766 147,190	1.7 1.7 Eff. Only see 903 Fraser -- 1.1	ND ND ND ND *See results for 903-B Fraser Lane	ND ND ND ND			Vol. Vol. Vol.			
909-B Fraser Lane Sweetgrass Properties LLC Well: OR585 (at 903 Fraser)	JL-100 Every 2 yr Dec./10		10/18/01 06/08/04 07/13/06 7/18/08 6/15/12 12/17/14 6/16/17 1/20/21 7/2/21	8/2/01 11/27/01 07/13/04 4/19/06 3/20/13 * 3/26/21	0 106,930 219,360 327,310 564,930 903,690 1,200,130 1,330,606	0 106,930 112,430 107,950 237,620 338,760 296,440 132,930	1.7 1.7 Eff. Only see 903 Fraser 1.0 0.91	ND ND ND ND *See results for 903-B Fraser Lane ND	ND ND ND ND ND			Vol.			

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)		Chloroform (ppb)	TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
911-A Fraser Lane Sweetgrass Properties LLC Well: OR585 (at 903 Fraser)	JL-100 Every 1 yr Dec./10		11/08/01 03/28/03 02/28/04 02/13/07 3/21/08 4/16/09 3/6/13 3/31/16 7/14/17	8/2/01 11/27/01 02/17/03 04/06/04 4/19/06 -- 7/26/13 8/17/16 11/27/17 *	0 102,580 161,530 316,310 442,930 520,500 586,190 87,320 126,930	0 102,580 161,530 154,780 126,620 77,570 65,690 87,320 39,610	1.7 1.7 Eff. Only Eff. Only -- -- Eff. Only 1.1 0.91	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND						
911-B Fraser Lane Sweetgrass Properties LLC Well: OR585 (at 903 Fraser)	JL-100 Every 2 yrs Dec./06	2	11/08/01 11/05/04 8/30/13 1/22/16 8/20/19	8/2/01 11/27/01 11/12/04 -- *	0 115,240 136,540 672,110 867,800	0 115,240 21,300 535,570 195,690	1.7 1.7 Eff. Only -- --	ND ND ND ND ND	ND ND ND ND ND						
914 Fraser Lane James Anderson ██████████ Well: QZ708 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Dec./11		10/16/02 03/11/05 02/16/07 4/24/09 1/28/14 3/20/17 3/6/20	07/18/02 11/14/02 03/31/05 9/24/08 -- 2/11/14 5/8/17 6/2/20	0 243,570 469,160 689,040 1,134,040 1,374,720 1,595,000	0 243,570 225,590 219,880 445,000 240,680 220,280	ND ND Eff. Only ND -- Eff. Only Eff. Only ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND					Vol.	
919 Fraser Lane Chad & Becca Oberle ██████████ Well: QM721 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Dec./11		4/16/02 02/26/04 03/08/06 c 9/30/09 1/16/12 12/31/14 2/8/17 5/3/19	2/21/02 5/14/02 03/25/04 04/26/06 4/18/13 9/29/15 3/28/17 6/26/19	0 135,270 102,830 413,710 594,100 979,900 1,164,620 1,380,810	0 135,270 0 310,880 180,390 385,800 184,720 216,190	ND ND ND ND ND Eff. Only Eff. Only ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND		0.46 J	-		Vol.	
920 Fraser Lane Amanda & Shane Piringner ██████████ Well: RM554	JL-100 Every 2 yrs Dec./11		08/28/03 03/17/05 04/13/06 3/17/08 4/23/09 12/22/11 2/14/14 1/24/19 4/16/21	05/30/03 09/25/03 03/31/05 -- 9/24/08 -- -- 9/3/20 --	0 139,500 222,520 382,170 432,720 544,230 648,080 830,160 888,200	0 139,500 83,020 159,650 50,550 111,510 103,850 182,080 58,040	ND 1.2 Eff. Only -- ND -- -- 0.55 --	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND						
926 Fraser Lane Matthew & Rachel Peulen ██████████ old lab to send Well: RF581	JL-100 Every 2 yrs Dec./11	1	06/12/03 04/19/05 4/3/09 12/30/11 2/12/14 2/23/17 1/14/20	02/17/03 07/18/03 05/13/05 2/1/10 6/25/14 12/3/19 --	0 57,880 178,090 304,380 371,820 505,120 848,740	0 57,880 120,210 126,290 67,440 133,300 343,620	<0.43> ND Eff. Only <0.82> -- Eff. Only ND	ND ND ND ND ND ND	ND ND ND ND ND ND						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
938 Fraser Lane Sara Tumm Well: OV479	JL-100 Tri-ann. May./Aug. Dec.	1	02/19/02	12/6/01	0	0	4.6	ND	ND	ND					
			02/12/03	02/21/02	131,090	131,090	4.2	ND	ND	ND					
			02/27/04	04/06/04	459,290	328,200	Eff. Only								Vol.
			08/11/04	09/27/04	646,250	186,960	Eff. Only								Vol.
			02/11/05	02/27/05	769,590	123,340	Eff. Only								Vol.
			08/24/05	08/31/05	913,230	143,640	Eff. Only								Vol.
			3/8/06	04/26/06	969,700	56,470	3.0	ND	ND	ND					Vol.
			08/22/06	--	1,220,290	250,590	--								Vol.
			02/23/07	--	1,275,950	55,660	--								Vol.
			08/3/07	--	1,585,290	309,340	--								Vol.
			3/5/08	--	1,701,310	116,020	--								Vol.
			8/4/08	--	1,815,910	114,600	--								Vol.
			4/16/09	--	2,037,630	221,720	--								Vol.
			11/6/09		2,172,760	135,130									Vol.
			9/5/12		2,256,320	83,560									
			11/8/13	3/5/14	2,357,890	101,570	Eff. Only								
			9/22/14		2,414,370	56,480									
			12/16/14	3/26/15	2,425,210	10,840	2.3	ND	ND	ND					
			4/27/16		2,496,580	71,370									
	11/30/16		2,527,840	31,260											
10/4/17		2,584,440	56,600												
5/7/18	7/23/18	2,616,280	31,840	1.5	ND	ND	ND								
12/5/18		2,649,740	33,460												
1/3/20	2/11/20	2,691,740	42,000	0.6	ND	ND	ND		ND	ND					
6/2/21		2,738,200	46,460												
939 Fraser Lane Neil Bauer Well: RD863	JL-100 Every 2 yrs Dec./11	1	04/07/03	11/14/02	0	0	4.3	ND	ND	ND					
			04/21/05	05/30/03	81,720	81,720	3.8	ND	ND	ND					
			5/4/09		324,050	242,330	Eff. Only								
			7/10/12	7/30/12	453,130	129,080	2.8	ND	ND	ND					
			12/24/14	4/16/15	958,610	505,480	Eff. Only								
			4/28/17	12/3/19	1,296,410	337,800	1.3	ND	ND	ND	ND	ND	ND		
3/13/20	6/9/20	942,160	354,250	1.4	ND	ND	ND	ND	ND	ND					
942 Fraser Lane Heather Lande Charles Josephson Well: RD862	JL-100 Every 2 yrs Dec./12	1	01/13/03	11/14/02	0	0	3.3	ND	ND	ND					
			03/08/04	01/21/03	55,930	55,930	3	ND	ND	ND					
			02/28/06	03/29/04	168,140	112,210	Eff. Only								
			12/11/07	04/17/06	271,790	103,650	Eff. Only								
			2/19/10	4/7/10	409,140	137,350	--	ND	ND	ND					
			6/4/12	3/8/12	530,920	121,780	1.9	ND	ND	ND					
			12/23/14	3/13/15	653,900	122,980	Eff. Only								
			1/11/17	3/7/17	759,100	105,200	1.7	ND	ND	ND	ND	ND	ND		
			1/9/20	2/4/20	926,790	167,690	1.1	ND	ND	ND	ND	ND	ND		
			946 Fraser Lane Fred and Karen Watson Sprinkler system unfiltered Well: QR837	JL-100 Every 2 yrs Dec./10	1	10/16/02	07/18/02	0	0	5.7	ND	ND	ND		
02/26/04	10/31/02	52,040				52,040	4.0	ND	ND	ND					
02/24/06 c	04/06/04	132,780				80,740	Eff. Only								
2/26/08	04/19/06	220,530				87,750	4.6	ND	ND	ND					
1/7/13	3/6/13	423,190				202,660	1.8	ND	ND	ND					
1/24/14	3/5/14	470,770				47,580	Eff. Only								
1/19/17	3/3/17	595,130				124,360	2	ND	ND	ND					
1/15/20	2/25/20						1.0	ND	ND	ND	ND	ND	ND		

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)	
950 Fraser Lane Brandy Hafner Well: QU347	JL-100 Every 2 yrs Dec./10	1	10/02/02 03/02/04 09/22/05 3/25/08 12/19/12 1/22/14 2/20/17 1/7/20	6/4/02 10/31/02 04/06/04 11/03/05 9/24/08 12/10/19	0 65,780 184,190 312,310 450,500 478,660 760,580 630140?	0 65,780 118,410 128,120 138,190 28,160 281,920	3.2 3.3 Eff. Only Eff. Only 2.8 1.5	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	Vol.	
954 Fraser Lane Carroll Sengbusch Well: QR894 Unfiltered outside faucet	JL-100 Every 2 yrs Dec./10	2	01/22/03 03/02/04 03/14/06 3/11/08 1/13/11 1/11/13 1/6/14 1/9/17 6/8/18 - 6/17/21	11/14/02 02/17/03 03/26/04 04/17/06 7/30/12 2/27/13 2/11/14 3/7/17 11/20/19 7/15/21	0 22,630 127,530 151,510 175,950 219,000 234,016 277,830 297,860 - 337,060	0 22,630 104,900 23,980 24,440 43,050 15,016 43,814 20,030 - 337,060	5.8 6 Effluent 4.9 Eff. 2.8 1.3 1.0 Eff. Only Eff. Only 1.9 1.7	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND		
Tennant: Elaine Augustine	715-377-9925													
959 Fraser Lane Alicia Torgerson Well: OK391	JL-100 Every 1 yr Dec./09		01/03/03 03/22/04 03/17/05 06/02/06 5/6/08 1/17/13 2/19/14 12/23/15 3/19/18 6/18/20 7/20/21	09/26/02 01/21/03 03/31/04 03/31/05 -- -- 8/13/14 2/10/16 8/14/18 8/4/20 1/21/22	0 130,900 161,320 211,810 453,710 723,520 765,360 814,810 928,400 1,029,590 1,588,200	0 130,900 30,420 50,490 241,900 269,810 41,840 49,450 113,590 101,190 558,610	3.1 2.4 Eff. Only Eff. Only -- Eff. Only 1.3 1.3 1.5 1.4	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	Vol.	
960 Fraser Lane Julie Johnson Well: RQ039	JL-100 Every 1 yr July/Oct.	1	11/28/03 03/15/05 02/21/06 08/25/06 02/28/07 08/7/07 3/12/08 6/18/08 10/21/08 4/17/09 7/8/10 11/3/10 7/25/12 10/24/12 7/15/14 10/16/14 7/20/15 10/8/15 7/13/16 10/21/16 7/26/17 10/16/17 8/28/18 4/1/19 8/5/19 3/22/21	09/25/03 12/03/03 03/31/05 04/17/06 -- 7/23/07 -- -- -- -- 9/28/10 -- 3/13/13 12/12/14 8/12/15 3/1/16 11/10/16 8/11/17 10/15/18 6/12/19 -- 5/20/21	0 142,040 277,670 382,610 584,900 744,244 868,550 905,720 1,112,290 1,157,080 1,399,110 1,446,970 1,711,020 1,792,680 2,087,910 2,187,830 2,272,170 2,335,980 2,442,980 2,511,570 2,611,460 2,644,670 2,779,560 2,830,540 2,869,260 3,085,980	0 142,040 135,630 104,940 202,290 159,344 124,306 37,170 206,570 44,790 242,030 47,860 264,050 81,660 295,230 99,920 84,340 63,810 107,000 68,590 99,890 33,210 134,890 50,980 38,720 216,720	3.2 2.9 Eff. Only Eff. Only -- 3.4 -- -- -- -- Eff. only 1.5 Eff. Only 2.2 Eff. Only 2.3 2.4 Eff. Only 2 1.8	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol. Vol.	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
969 Fraser Lane Brian & Amy Miller Well: OV598	JL-100 Every 1 yr Dec./10	1	10/07/02 03/11/05 03/02/07 12/10/08 3/17/10 2/1/13 2/28/14 3/4/16 2/16/17 3/5/18 3/27/19 7/15/20 7/20/21	07/18/02 10/31/02 03/31/05 9/24/08 -- 3/28/13 -- 12/28/16 4/7/17 6/29/18 6/12/19 -- --	0 114,500 249,020 443,710 572,020 812,750 898,250 1,027,610 1,127,410 1,142,120 1,214,580 1,279,600	0 114,500 134,520 194,690 128,310 240,730 85,500 129,360 99,800 14,710 72,460 65,020	4.2 3.8 Eff. Only 3.1 -- 1.5 -- 2.4 Eff. Only Eff. Only 2.6	ND ND -- ND -- ND -- ND -- ND ND -- --	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	Vol. Vol. Vol. ND	
972 Fraser Lane Rod Kromrey Well: OV523	JL-100 Every 1 yr Dec./10	1 1	6/4/02 11/10/03 03/14/05 04/24/06 03/20/07 4/21/08 5/12/09 1/23/13 10/10/14 5/4/18 12/23/19 12/3/20	4/4/02 6/17/02 12/03/03 03/31/05 -- 7/23/07 -- 3/7/13 -- -- -- --	0 150,550 243,290 322,570 451,600 568,480 680,560 942,020 1,081,130 1,271,660 1,374,860 1,438,580	0 150,550 92,740 79,280 129,030 116,880 112,080 261,460 139,110 190,530 103,200 63,720	2.8 2.7 Eff. Only Eff. Only -- 2.6 -- 1.6	ND ND -- ND -- ND -- ND -- -- -- --	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	Vol.			
973 Fraser Lane John Patrick Seibel Well: RD891	JL-100 Every 1 yr Dec./10		02/11/03 09/22/03 08/11/04 08/30/05 08/16/06 08/31/07 7/9/08 5/8/12 1/30/13 1/22/14 4/17/15 1/21/21	12/23/02 02/17/03 09/25/03 09/27/04 09/27/05 -- -- 8/6/12 3/8/13 2/11/14 5/26/15 --	0 172,510 299,170 450,080 588,342 768,130 846,620 1,069,540 1,114,020 1,146,800 1,228,990	0 172,510 126,660 150,910 138,262 179,788 78,490 222,920 44,480 32,780 82,190	2.4 3.0 Eff. Only Eff. Only Eff. Only -- -- 1.9 1.7 Eff. Only Eff. Only	ND ND -- ND -- ND -- ND -- ND -- --	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	Vol. Vol. Vol. Vol.			
Sprinkler System															
977 Fraser Lane Walter & Lezlee Lawrence Well: OA682	JL-100 Every 2 yrs Dec./10		04/01/03 05/11/04 06/29/04 04/21/06 3/14/08 12/27/12 2/25/15 12/29/17 3/2/20	01/21/03 4/30/03 06/15/04 -- -- 5/8/13 -- 9/23/16 6/9/20	0 66,200 84,100 310,690 578,620 991,070 1,172,505 1,326,070 1,420,980 1,579,030	0 66,200 17,900 226,590 267,930 412,450 181,435 153,565 94,910 158,050	ND ND Eff. Only Culligan error -- Eff. Only 1.9 1.5 1.1	ND ND -- ND -- ND -- ND ND ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	
912 Gavin Pass Oevering Homes LLC (water is not filtered) Well: AAG106			- -	2/2/21 8/3/21	- -	- -	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	- -	- -
913 Gavin Pass Oevering Homes LLC (water is not filtered) Well: AAB808			-	7/28/20	-	-	ND	ND	ND	ND	1.8	ND	-	-	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag				
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)		Chloroform (ppb)	TCE (ppb)		
612 Grange Road Mike & Susan Landry Well: LL626	JL-100 Every 2 yrs April/12		7/2/97	4/14/97	0	0	ND	ND	ND	ND							
			07/14/98	7/16/97	83,600	83,600	ND	ND	ND	ND							
			08/05/99	8/26/98	196,400	112,800	ND	ND	ND	ND							
			Col.	8/2/00	262,050	65,650	--	--	--	--							
			10/25/01	10/04/01	371,530	175,130	ND	ND	ND	ND							
			04/22/04	04/26/04	591,410	219,880	Eff. Only										
			04/25/06	--	831,290	239,880	--										
			8/13/08	--	1,202,660	371,370	--										
			4/30/10	--	1,369,210	166,550											
			5/21/12	2/27/13	1,568,360	199,150	ND	ND	ND	ND							
			4/29/14	7/10/14	1,807,100	238,740	Eff. Only										
			6/10/16	9/9/16	2,057,450	250,350	ND	ND	ND	ND							
			LRT is no longer responsible for GACS			4/5/19	5/29/19	2,343,530	286,080	ND	ND	ND	ND	ND			
613 Grange Road Luke & Laura Bowman Well: LL688	JL-100 Every 2 yrs April/11		10/21/97	5/19/97	0	0	ND	ND	ND	ND							
			02/15/99	10/27/97	100,210	100,210	ND	ND	ND	ND							
			Col.	2/25/99	185,620	85,410	--	--	--	--							
			11/16/01	8/14/00	268,412	168,202	ND	ND	ND	ND							
			04/19/04	10/04/01	386,530	118,118	Eff. Only										
			04/17/06	04/23/04	469,980	83,450	--										
			6/12/08	--	593,960	123,980											
			6/10/11	/ /09(tank leak)	774,860	180,900											
			5/14/13		913,400	138,540											
			5/8/14	6/27/14	997,260	83,860	Eff. Only										
			5/1/15	7/13/15	1,070,440	73,180	ND	ND	ND	ND							
			5/12/17	7/17/17	1,219,830	149,390	Eff. Only										
			LRT is no longer responsible for GACS			10/15/19	12/3/19	1,405,110	185,280	ND	ND	ND	ND	ND			
616 Grange Road Dan & Maria Hastings Well: LL688	JL-100 Every 2 yrs April/12		10/17/97	7/16/97	0	0	ND	ND	ND	ND							
			01/27/99	10/27/97	41,520	41,520	ND	ND	ND	ND							
			03/17/00	3/25/99	--	73,370	31,850	ND	ND	ND	ND						
			Col.	8/14/00	88,995	15,625	--	--	--	--							
			04/05/02	3/21/02	136,363	62,993	ND	ND	ND	ND							
			04/26/04	05/17/04	196,380	60,017	Eff. Only										
			05/03/06	--	251,380	55,000	--										
			5/28/08	9/24/08	311,350	59,970	ND	ND	ND	ND							
			5/12/10		373,310	61,960											
			5/15/12	2/4/13	431,930	58,620	Eff. Only										
			5/5/14	6/16/14	520,549	88,619	Eff. Only										
			4/20/16	6/29/16	596,690	76,141	ND	ND	ND	ND							
			6/15/18	9/11/18	720,820	124,130	Eff. Only										
LRT is no longer responsible for GACS			6/3/20	7/8/20	756,940	36,120	ND	ND	ND	ND	ND	ND					
617 Grange Road Jeff & Kelly Millin Well: LL659	JL-100 Every 2 yrs April/11	1	9/9/97	6/16/97	0	0	ND	ND	ND	ND							
			09/21/98	9/15/97	78,940	78,940	ND	ND	ND	ND							
			11/16/99	09/24/98	145,140	66,200	ND	ND	ND	ND							
			Col.	11/26/99	201,675	56,535	ND	ND	ND	ND							
			05/22/01	10/5/00	232,880	87,740	--	--	--	--							
			04/18/03	?	336,370	103,490											
			06/30/05	5/1/03	503,130	166,760	Eff. Only										
			06/15/07	08/18/05	632,300	129,170	Eff. Only										
			5/6/09	9/24/08	737,950	105,650	ND	ND	ND	ND							
			5/27/11	5/6/09	853,390	115,440											
			4/30/13	8/7/12	953,370	99,980	0.39	ND	ND	ND							
			4/23/15	5/29/13	1,030,190	76,820	Eff. Only										
			5/2/17	6/10/15	1,086,790	56,600	ND	ND	ND	ND							
10/11/19	7/17/17	1,161,110	74,320	Eff. Only	ND	ND	ND	ND	ND	ND							

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
881 E Hwy 12 Dan & Lisa Martineau Well: BM123 Inf. and Eff. Inf. Every 1 yr	JL-300 Semi-ann.		8/12/97	9/25/96	0	0	28	1.2	ND	ND					
				9/3/97			29	ND	ND	ND					
				10/08/97			31	0.58	ND	ND					
				12/16/97	8,582	8,582	--								
				1/20/98	11,550	11,550	27	ND	ND	ND					
				4/20/98	16,360	16,360	25	ND	ND	ND					
				7/17/98	30,822	30,822	25	ND	ND	ND					
				09/03/98	40,250	40,250	30	ND	ND	ND					
				01/26/99	56,504	16,254	32	ND	ND	ND					
				04/22/99	63,140	22,890	28	ND	ND	ND					
				7/8/99	81,004	40,754	30	ND	ND	ND					
				08/20/99	10/18/99	85,980	45,730	30	ND	ND	ND				
					03/06/00	99,370	13,390	30	ND	ND	ND				
					05/03/00	103,017	17,037	28	ND	ND	ND				
					8/1/00	120,042	34,062	20	ND	ND	ND				
					11/17/00 Fe	142,180	56,200	29	ND	ND	ND				
					04/12/01	161,305	19,125	29	ND	ND	ND				
					12/18/01	240,190	98,010	27	ND	ND	ND				Vol.
					meter reading	06/10/02	291,120	50,930	--	--	--				
					08/20/02	08/27/02	328,110	87,920	26	ND	ND	ND			Vol.
					01/14/03	02/07/03	364,810	36,700	29	ND	ND	ND			
					08/05/03	08/22/03	396,260	31,450	21	ND	ND	ND			
					04/08/04	----	475,090	78,830							
					08/25/04	11/12/04	538,840	63,750	21	ND	ND	ND			Vol.
					02/22/05	04/19/05	575,760	36,920	21	ND	ND	ND			
					08/31/05	12/14/05	615,730	39,970	22	ND	ND	ND			
					02/14/06	--	638,190	22,460	--						
					07/25/06	--	705,910	67,720	--						Vol.
					02/02/07	5/2/07	746,120	40,210	ND	ND	ND	ND			
					8/4/08	--	963,550	217,430	--						Vol.
	2/15/10	4/7/10	1,134,640	171,090	16	ND	ND	ND			Vol.				
	8/24/10		1,217,130	82,490							Vol.				
	6/20/12	7/30/12	1,419,230	202,100	16	ND	ND	ND			Vol.				
	3/21/14	7/28/14	1,604,040	184,810	14	ND	ND	ND			Vol.				
	8/22/14		1,689,860	85,820											
	1/19/15	3/13/15	1,725,770	35,910	12	ND	ND	ND							
	10/23/15		1,821,690	95,920											
	6/27/16		1,890,770	69,080											
	9/8/17		2,049,210	158,440											
	8/27/19		2,304,120	254,910											

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Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
890 E Hwy 12 Owner: Lyle Elenkiwich 287 Day Farm Rd. (use for mailing) [REDACTED] Methane Meter Equipped Vacant Well: BM121	JL-300 Annual July/11		7/3/97	9/16/96	0	0	21	ND	ND	ND					
				7/16/97				20	ND	ND	ND				
				9/3/97				17	ND	ND	ND				
				1/26/98			56,904	17	ND	ND	ND				
				4/20/98			67,231	16	ND	ND	ND				Vol.
				4/20/98				ND	ND	ND	ND				
				08/25/98				16	ND	ND	ND				Vol.
				8/26/98			115,380	16	ND	ND	ND				
				10/29/98			130,112	22	ND	ND	ND				
				2/10/99			142,983	18	ND	ND	ND				
				5/28/99			162,362	20	ND	ND	ND				
				7/29/99			179,414	18	ND	ND	ND				Vol.
				08/06/99			181,420	19	ND	ND	ND				
				05/04/00			232,970	16	ND	ND	ND				
				11/01/00 Fe			279,270	17	ND	ND	ND				
				04/05/01			293,910	16	ND	ND	ND				
				10/16/01			339,622	18	ND	ND	ND				
				06/21/02			374,835	21	ND	ND	ND				
				01/10/03			396,170	Eff. Only							
				07/15/03			422,210								
				02/28/04			470,500	Eff. Only							
				08/12/04			496,630	Eff. Only							
				03/10/05			527,850	Eff. Only							
				07/27/05			554,070	Eff. Only							
				02/02/06 c			573,240	11	ND	ND	ND				
				07/28/06			610,910	--							
				07/17/07			656,870	--							
	8/8/08	713,770	--												
	10/5/09	763,520													
	7/21/10	797,890	1.3	ND	ND	ND									
	8/6/13	884,260	Eff. Only												
	9/30/14	907,070	Eff. Only												
		907,550	4.1	ND	ND	ND									
		908,640													
		908,640													
		0	5.3	ND	ND	ND			ND	ND	-	-			
892 E Hwy 12 Phil Foltz [REDACTED] (water is not filtered) Well: XX001	-		-	4/29/15	-	-	ND	ND	ND	ND					
			-	3/1/16	-	-	ND	ND	ND	ND					
			-	7/23/18	-	-	ND	ND	ND	ND					
			-	9/6/19	-	-	ND	ND	ND	ND	ND	0.50 J	-	-	
			-	8/21/20	-	-	ND	ND	ND	ND	ND	ND	-	-	
			-	6/22/21	-	-	ND	ND	ND	ND	ND	0.46 J	-	-	

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SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
810 Hillside Trail David & Elizabeth Koetsell New owners 2018, updated Well: RE899	JL-100 Every 1 yr Jan./11	1	09/23/04	08/16/04	0	0	6.6	ND	ND	ND					Vol. Vol. Vol.
			01/18/06	10/20/04	161,965	161,965	6.1	ND	ND	ND					
			01/12/07	--	320,000	158,035	Eff. Only	--	--	--					
			2/12/08	6/9/08	544,600	224,600	6.3	ND	ND	ND					
			9/18/08	--	642,560	97,960	--	--	--	--					
			5/28/09	--	698,830	56,270	--	--	--	--					
			1/22/10	--	782,850	84,020	--	--	--	--					
			2/1/13	3/7/13	1,066,790	283,940	4.5	ND	ND	ND					
			2/14/14	2/28/14	1,178,280	111,490	Eff. Only	--	--	--					
			1/16/15	3/4/15	1,260,680	82,400	Eff. Only	--	--	--					
			2/16/16	4/26/16	1,377,360	116,680	3.5	ND	ND	ND					
			3/1/17	3/24/17	1,477,190	99,830	2.6	ND	ND	ND					
			3/15/18	--	1,564,740	87,550	--	--	--	--					
			3/15/19	--	1,642,750	78,010	--	--	--	--					
3/13/20	--	--	--	--	--	--	--								
9/1/21	--	1,862,900	220,150	--	--	--	--								
813 Hillside Trail David & Robyn Corrin Well: SE043 (160 ft deep)	JL-100 Every 2 yr Jan./11		07/30/04	05/17/04	0	0	ND	ND	ND	ND					Vol. Vol. Vol.
			01/25/06	09/29/04	153,340	153,340	3.7	ND	ND	ND					
			01/23/07	03/07/06	294,340	141,000	Eff. Only	--	--	--					
			4/18/08	9/24/08	428,690	134,350	1.5	ND	ND	ND					
			2/10/09	--	511,760	83,070	--	--	--	--					
			1/22/10	9/25/12	619,390	107,630	1.1	ND	ND	ND					
			1/22/14	2/28/14	869,950	250,560	Eff. Only	--	--	--					
			1/19/17	--	972,310	102,360	--	--	--	--					
			3/5/19	4/2/19	1,042,560	70,250	ND	ND	ND	ND	ND	ND			
			6/14/21	7/19/21	1,148,490	105,930	0.56	ND	ND	ND	ND	ND	ND		
			814 Hillside Trail Mark & Laura Hay Well: SM688 Redrilled 20 ft deeper 2/10	JL-100 Every 1 yr Jan./11	1	11/03/04	09/27/04	0	0	2.4	ND	ND	ND		
01/27/06	11/12/04	70,750				70,750	6.9	ND	ND	ND					
01/19/07	04/09/06	132,750				62,000	Eff. Only	--	--	--					
2/11/09	--	313,390				180,640	--	--	--	--					
2/5/10	4/7/10	402,780				89,390	5.2	ND	ND	ND					
2/15/13	4/9/13	667,130				264,350	5	ND	ND	ND					
1/27/14	2/28/14	745,320				78,190	Eff. Only	--	--	--					
1/28/15	2/16/15	836,230				90,910	Eff. Only	--	--	--					
2/22/16	5/2/16	935,620				99,390	3.1	ND	ND	ND					
6/23/17	8/15/17	1,034,000				98,380	2	ND	ND	ND					
9/6/18	10/15/18	1,121,320				87,320	Eff. Only	--	--	--					
8/22/19	9/20/19	1,205,700				84,380	2.4	ND	ND	ND	ND	ND	ND	ND	
6/23/21	7/29/21	1,371,390				165,690	0.95	ND	ND	ND	ND	ND	ND	ND	
817 Hillside Trail Joe & Patty Thompson Well: SE042	JL-100 Every 2 yrs Jan./12		07/23/04	05/17/04	0	0	3.9	ND	ND	ND					
			01/27/06	11/12/04	65,460	65,460	ND	ND	ND	ND					
			4/18/08	9/24/08	new meter	installed	ND	ND	ND	ND					
			1/29/10	--	52,490	52,490	--	--	--	--					
			6/10/13	--	157,730	105,240	--	--	--	--					
			2/19/15	3/27/15	250,900	93,170	Eff. Only	--	--	--	ND	ND	ND	ND	
			4/9/19	9/23/20	501,020	250,120	0.22 J	ND	ND	ND	ND	ND	ND	ND	
			5/12/21	--	562,890	61,870	--	--	--	--					

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag	
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)		Chloroform (ppb)
844 Hillside Trail Brad McGhee Well: SN437	JL-100 Every 1 yr Jan./11	1 1	02/03/06 2/27/08 5/12/10 3/17/11 6/19/12 6/9/15 5/11/16 3/13/18 11/4/19 2/19/21	08/18/05 02/20/06 -- 8/7/12 4/2/19 5/10/21	0 79,310 327,780 420,070 576,310 983,330 1,056,590 1,191,640 1,332,680 1,408,600	0 79,310 248,470 92,290 156,240 407,020 73,260 135,050 141,040 75,920	6.9 7.0 -- 2.7 2 1.4	ND ND -- ND ND ND ND	ND ND -- ND ND ND ND	ND ND -- ND ND ND ND	ND ND -- ND ND ND ND		Vol.	
848 Hillside Trail Jacob & Mickey Lang Call for tank exchange Don & Karen Nielsen Well: RQ518	JL-100 Semi-Ann. Jan./July Every 1 yr	1	10/09/03 01/26/05 01/20/06 2/27/08 6/2/09 1/26/10 7/26/10 1/13/12 5/17/12 9/25/12 8/13/13 2/15/14 7/23/14 3/3/15 9/29/15 3/15/16 1/24/18 9/4/18 4/9/19 9/1/20	08/22/03 12/03/03 02/24/05 04/09/06 6/9/08 -- 10/18/12 2/11/14 5/14/14 7/24/15 1/12/16 5/17/17 5/22/18 5/7/19	0 159,090 332,290 846,310 1,139,150 1,201,380 1,307,590 1,734,090 1,754,470 1,984,120 2,100,920 2,207,130 2,265,200 2,347,380 2,503,070 2,735,030 2,925,830 3,056,950 3,096,980 3,242,140	0 159,090 173,200 514,020 292,840 62,230 106,210 426,500 20,380 229,650 116,800 106,210 58,070 82,180 155,690 231,960 190,800 131,120 40,030 145,160	5.3 7.0 Eff. Only Eff. Only 5.7 -- 5.0 Eff. Only Eff. Only Eff. Only 2.1 2.0 Eff. Only 1.6	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND		Vol. Vol. Vol. Vol. Vol.	
851-A Hillside Trail Renter: Kristy Coleman Owner: Hillside Trail Townhome LLC Well: UD385	JL-100 Every 1 yr Jan./11	1 1	5/11/09 4/8/10 1/28/13 2/17/15 3/28/16 10/24/17 8/22/19 2/24/21	10/15/08 9/25/12 10/30/17 12/17/19 4/1/21	0 155,010 468,520 503,000 661,910 750,590 893,750 1,066,590 1,276,350	0 155,010 313,510 347,990 158,910 88,680 143,160 172,840 209,760	6.6 5.3 3.1 ND 2.2	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	Vol. Vol.	
851-B Hillside Trail Renter: Owner: Hillside Trail Townhome LLC Well: UD385			No filter tanks in Unit B It feeds off same pressure tank as Unit A				Sampling done at Unit A							
855-A Hillside Trail Renter: Mark Zilmer Owner: Hillside Trail Townhomes LLC Well: UD386			No filter tanks in Unit A It feeds off same pressure tank as Unit B				Sampling done at Unit B							

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
886 Hillside Trail Michelle & Eric Clay ██████████ ██████████ ██████████ Well: WT193	JL-100 Every 2 yrs Jun./13	1	8/31/11 6/24/13 6/25/15 7/6/17 12/4/19 1/20/21	8/7/12 9/24/15 12/4/19 4/1/21	401,190 452,130 507,680 576,190 659,110 698,620	452,130 106,490 124,060 151,430 122,430	2.3 1.4 0.42 J 0.42 J	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND		
887 Hillside Trail George & Cynthia Kupfer ██████████ Well: WT661	JL-100's Every 1 yr	1	1/10/13 5/29/15 5/17/16 5/30/17 8/29/19 6/23/21	9/17/12 2/4/13 8/11/15 6/29/16 9/20/19 10/25/19 10/5/21	1,230,980 1,349,590 1,391,790 1,424,870 1,571,440 1,622,580	Initial Sample Tank install 118,610 42,200 33,080 146,570 - 51,140	1.4 Eff. Only 1.7 Eff. Only 1 - 0.63	1.4 ND ND ND ND	ND ND ND ND ND	1.5 ND ND ND ND	ND ND ND ND	- ND ND	- ND ND		
888 Hillside Trail Lester & Therese ██████████ (water is not filtered) Send letter to: 802 Orange Street, Hudson WI 54016 Well: WT651			- -	4/2/19 8/4/20	- -	- -	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	- -	- -	
890 Hillside Trail Issac & Amanda Oliver ██████████ Well: WT 658	JL-100's Every 1 yr	1	9/25/12 5/1/15 8/12/16 8/4/17 11/12/19	8/7/12 10/18/12 6/26/15 11/9/16 1/7/20	697,440 933,050 - 1,122,550 1,327,160	Initial Sample Tank install 235,610 - 204,610	1.6 Eff. Only 4.1 ND 2.9	ND ND ND ND	ND ND ND ND	0.61 ND ND ND	ND ND ND	ND ND ND	ND ND ND		
891 Hillside Trail Lawrence Hansen ██████████ LRT is no longer responsible for GACS Well: WT 193	JL-100 Every 2 yrs		8/28/14 12/30/16 5/3/19	8/7/12 7/22/19	1,178,870 1,275,410 1,333,260 1,362,710	96,540 57,850 29,450	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	
753 Holden Lane Mark Vonberg ██████████ Well: RJ265	JL-100 Every 1 yr Mar./11		06/12/03 11/11/04 4/11/08 8/11/10 8/2/12 6/25/13 6/6/14 5/15/15 3/31/16 10/23/18 8/5/20	04/07/03 07/18/03 11/12/04 9/24/08 7/13/15 2/1/17	0 51,750 395,520 715,890 929,290 960,980 1,112,660 1,210,770 1,320,890 1,610,800 1,776,220	0 51,750 343,770 320,370 213,400 31,690 151,680 98,110 110,120 289,910 165,420	2.7 3.1 Eff. Only 1.9 1.7 1.6	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	Vol. Vol. Vol.	

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag			
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)		
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7							
780 Holden Lane Keith & Yvette Alesso [REDACTED] Well: KM061 Inf. and Eff. (retired operator of St. Paul water treatment plant) Hydrant	JL-100 Every 2 yr Mar./15	1	9/25/96	9/25/96			7.6	ND	ND	ND							
			04/29/98	04/29/98			6.0	ND	ND	ND							
			10/13/98	10/28/98			8.7	ND	ND	ND							
			11/05/99	11/18/99	0	65,814	65,814	7.9	ND	ND	ND						
			06/20/00 Fe	06/29/00	106,090	40,276	40,276	8.8	ND	ND	ND						
			06/14/01	7/12/01	226,630	120,540	120,540	7.2	ND	ND	ND						
			04/04/02	4/4/02	340,224	113,594	113,594	9.1	ND	ND	ND						
			03/05/03	03/07/03	391,838	51,614	51,614	9.8	ND	ND	ND						
			03/22/04	04/26/04	483,140	91,302	91,302	6.4	ND	ND	ND						
			03/24/05	05/13/05	555,870	72,730	72,730	7.2	ND	ND	ND						
			03/30/06 c	04/26/06	626,980	71,110	71,110	5.4	ND	ND	ND						
			04/17/07	--	727,890	100,910	100,910	--									
			4/3/08	4/15/08	809,560	81,670	81,670	Eff. Only									
			4/16/09	--	964,560	155,000	155,000	--									
			3/10/10	4/7/10	1,065,600	101,040	101,040	4.6	ND	ND	ND						Vol.
			5/12/11		1,288,320	222,720	222,720										
			4/13/12	7/27/12	1,435,080	146,760	146,760	4.1	ND	ND	ND						Vol.
			4/8/13	5/22/13	1,502,350	67,270	67,270	Eff. Only									
			3/24/14	6/10/14	1,579,900	77,550	77,550	Eff. Only									
			5/15/15	7/13/15	1,622,210	42,310	42,310	2.9	ND	ND	ND						
3/28/16	5/6/16	1,658,700	36,490	36,490	Eff. Only												
5/11/17	7/17/17	1,706,320	47,620	47,620	3.1	ND	ND	ND									
4/20/18	6/26/18	1,784,770	78,450	78,450	2.4	ND	ND	ND									
4/17/19	5/29/19	1,836,330	51,560	51,560	1.8	ND	ND	ND									
5/19/20	6/9/20	1,870,930	34,600	34,600	1.6	ND	ND	ND		ND	ND	ND	ND				
783 Holden Lane Glenda & Mark Mattonen [REDACTED] Well: FY087	JL-300 Every 2 yr Mar./10 JL-100	1	9/26/96	9/26/96			6.6	1.1	0.36	ND							
			4/2/97	4/2/97	0	0	0	7.4	ND	ND	ND						
			07/10/98	7/17/98	118,200	118,200	118,200	6.0	ND	ND	ND						
			04/02/99	7/8/99	184,590	66,390	66,390	7.5	ND	ND	ND						
			08/04/00 Fe	08/17/00	298,150	113,560	113,560	7.8	ND	ND	ND						
			08/23/01	08/30/01	424,920	126,770	126,770	5.0	ND	ND	ND						
			04/26/02	5/15/02	481,817	56,897	56,897	7.4	ND	ND	ND						
			04/25/03	04/30/03	590,170	108,353	108,353	Eff. Only									
			10/01/04	10/21/04	630,880	40,710	40,710	Eff. Only									
			4/24/07	--	968,710	337,830	337,830	--									
			6/16/09		1,152,230	183,520	183,520										
			4/7/11		-	-	-										
			7/15/20		1,480,360	-	-										
787 Holden Lane Emily Lockman [REDACTED] Well: FS648 Unfiltered spigot S. wall yet? switch to JL-100	JL-100 Every 2 yr Mar./15	1	2/10/97	2/20/97	0	0	4.8	ND	ND	ND							
			02/09/98	2/23/98	40,610	40,610	40,610	5.2	ND	ND	ND						
			02/24/99	03/25/99	84,410	43,800	43,800	4.1	<0.4>	<0.3>	ND						
			02/01/00 Fe	06/29/00	153,310	68,900	68,900	4.6	<0.57>	ND	ND						
			06/20/01	7/12/01	289,520	136,210	136,210	4.1	ND	ND	ND						
			03/22/02	4/4/02	361,170	71,650	71,650	4.3	ND	ND	ND						
			08/01/03	08/22/03	477,870	116,700	116,700	4.9	ND	ND	ND						
			03/29/05	04/19/05	648,310	170,440	170,440	4.3	ND	ND	ND						
				2/12/09	1,082,590	434,280	434,280	Eff. Only									
			4/13/12	3/7/13	1,175,550	92,960	92,960	meter reading									
			4/17/13	5/29/13	1,222,350	46,800	46,800	2.6	ND	ND	ND						
			3/21/14		1,268,100	45,750	45,750	Eff. Only									
			4/5/16	6/28/16	1,357,940	89,840	89,840	2.4	ND	ND	ND						
			5/30/17	7/17/17	1,407,640	49,700	49,700	2	ND	ND	ND						
			4/19/18	6/26/18	1,430,610	22,970	22,970	Eff. Only									
11/7/19	2/18/20	1,463,920	33,310	33,310	1.5	ND	ND	ND		ND	ND	1.0 J	ND				

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
978 Katner Court Jerry & Meghan Vinopal Well: OJ548 LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/12		04/15/02 05/17/04 06/02/06 12/14/09 6/24/13 8/12/15 3/13/19	08/30/01 5/14/02 6/13/04 -- 12/14/09 6/24/13 8/12/15 3/3/21	0 93,250 180,890 630,570 635,150 654,690 834,190	0 93,250 87,640 449,680 4,580 19,540 179,500	ND ND Eff. Only -- -- -- -- ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND						
981 Katner Court Jeff & Terina Bierbrauer Well: LE330 Inf. and Eff. LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/11	1	03/05/02 04/29/04 04/21/06 10/19/09 10/7/11 5/2/14 6/12/17 11/23/20	11/27/01 3/21/02 08/13/04 -- 11/24/10 10/7/11 1/30/15 - 11/19/20	0 201,610 345,730 530,690 638,110 794,020 956,310 1,116,690	0 201,610 144,120 184,960 107,420 155,910 162,290 160,380	ND ND ND -- -- Eff. Only -- ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND			-	-		
984 Katner Court Dag & Jade Selander Well: LJ393 LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/11		07/20/01 06/19/03 07/11/05 06/15/07 4/20/09 10/3/11 6/16/15 3/28/18	04/19/01 7/26/01 06/27/03 07/12/05 -- 2/19/10 3/20/13	0 76,600 167,980 380,860 532,970 563,450 471130? 357,150	0 76,600 91,380 212,880 152,110 30,480	ND ND Eff. Only Eff. Only -- ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND						
985 Katner Court Joann & Jeffrey Abraham Well: NS089 LRT is no longer responsible for GACS FOR SALE	JL-100 Every 2 yrs April/12		12/19/00 04/11/03 07/07/05 06/21/07 6/11/10 7/27/12 6/13/14 5/19/17 3/18/20	08/23/00 12/20/00 4/11/01 04/30/03 07/12/05 9/24/08	0 205,050 348,800 455,170 518,710 554,770 578,710 636,990	No Meter Meter Installed 205,050 143,750 106,370 63,540 36,060 23,940 58,280	ND ND Eff. Only Eff. Only ND -- -- --	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
929 LaBarge Rd Suzanne Spence [REDACTED] Well: BM146	JL-100 Every 2 yrs Mar./12			9/17/96				1.2	ND	ND	ND				
			03/20/97	3/22/97	0	0	0.91	ND	ND	ND					
			04/16/98	4/20/98	80,290	80,290	<0.7>	ND	ND	ND					
			03/16/99	3/25/99	147,080	66,790	<0.85>	ND	ND	ND					
			04/14/00	5/18/00	223,550	76,470	<0.77>	ND	ND	ND					
			03/13/01 Fe	3/21/01	284,680	61,130	<0.72>	ND	ND	ND					
			03/21/02	04/04/02	355,360	70,680	<0.96>	ND	ND	ND					
			04/19/04	05/14/04	435,090	79,730	Eff. Only								
			05/23/06	--	511,670	76,580	--								
			7/7/08	--	630,790	119,120	--								
			4/27/10	--	707,630	76,840	--								
			9/25/12	10/8/13	877,210	169,580	Eff. Only								
			8/28/14		1,091,070	213,860									
			6/14/16		1,205,940	114,870									
			8/30/18		1,111,800?										
			5/19/21		1,184,940										
			932 LaBarge Rd (Barn) Jerry Schmitt [REDACTED] Well: EL427 Switch to JL-100 Hydrant is filtered	JL-300 Semi-Ann. May/Nov.			9/20/96			8.3	1.0	ND	1.4		
06/17/97	6/23/97	0				0	8.7	0.42	ND	ND					
07/02/98	7/17/98	81,990				81,990	6.9	0.5	0.3	ND					
06/15/99	after sold	94,380				12,390	Tanks are not hooked up. Old ones have been removed							Vol.	
04/26/01 Fe	5/3/01	94,890				510	7.1	<0.41>	ND	ND					
12/18/01	12/20/01	168,690				73,800	7.0	ND	ND	ND					
09/10/02	09/13/02	268,640				99,950	6.7	ND	ND	ND					
04/04/03	04/30/03	312,975				44,335	Eff. Only								
09/19/03	10/30/03	354,260				41,285	Eff. only								
06/18/04	07/13/04	399,290				45,030	Eff. only								
07/29/05	08/09/05	465,100				65,810	--								
05/05/06	--	553,430				88,330	--								
11/03/06	--	663,870				110,440	--								
05/4/07	7/20/07	741,350				77,480	6	0.5	0.3	ND				Vol.	
10/12/07	--	843,280				101,930	--							Vol.	
1/25/08	--	892,030				48,750	--								
6/6/08	--	951,960				59,930	--								
12/16/08	--	1,056,470				104,510	--								
8/14/09	--	1,157,810				101,340	--								
12/4/09	--	1,205,390				47,580	--								
8/6/10	--	1,299,250				93,860	--								
6/29/12	--	1,566,450				267,200	--								
1/11/13	5/13/13	not recorded				not recorded	2.8	ND	ND	ND					
7/19/13	--	1,776,530				--	Eff. Only								
12/30/13	2/28/14	1,865,140				88,610	Eff. Only								
6/6/14	--	1,955,000				89,860	Eff. Only								
12/19/14	1/2/15	2,043,340				88,340	Eff. Only								
6/25/15	--	2,832,490				789,150	Eff. Only								
12/4/15	2/5/16	2,902,070	69,580	3.3	ND	ND	ND								
6/15/16	8/24/16	2,975,400	73,330	Eff. Only											
11/18/16	1/6/17	not recorded	not recorded	2.6	ND	ND	ND								
6/23/17	8/11/17	2,794,520	--	Eff. Only											
2/23/18	--	2,692,520	102,000	Eff. Only											
8/23/18	--	2,603,000	89,520	Eff. Only											
2/22/19	--	2,527,410	75,590	Eff. Only											
11/8/19	1/13/20	2,416,040	111,370	Eff. Only											
11/9/20	12/8/20	2,566,850	150,810	ND	ND	ND	ND	See 1/13/20 932 LaBarge Road (House) Raw Sample Results	ND	ND	ND	ND			
6/8/21	--	2,649,300	82,450	ND	ND	ND	ND		ND	ND	ND				

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)	
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7						
932 LaBarge Rd (Home) Jerry Schmitt Well: EL427 (Same as Barn) Switch to JL-100	JL-300 Every 1 yr Dec./11		01/18/02	01/22/02	0	0	Eff. Only								Vol.	
			03/28/03	03/28/03	48,240	48,240	Eff. Only									
			06/18/04	07/13/04	130,560	82,320	Eff. Only									
			07/29/05	08/09/05	217,540	86,980	Eff. Only									
			05/05/06	--	245,290	27,750	--									
			05/4/07	07/20/07	392,900	147,610	Eff. Only									
			10/12/07	--	440,910	119,860	--									
			6/6/08	--	464,200	23,290	--									
			11/14/08	--	482,940	18,740	--									
			8/14/09	--	511,390	28,450	--									
			12/4/09	--	not recorded											
			8/6/10	--	543,130	31,740										
			1/11/13	5/13/13	642,430	99,300	Eff. Only									
			12/30/13	2/28/14	678,750	36,320	Eff. Only									
			12/19/14	1/2/15	714,550	35,800	Eff. Only									
			12/4/15	2/5/16	741,960	27,410	Eff. Only									
			11/18/16	1/6/17	769,390	27,430	2.8		ND	ND	ND					
			2/23/18	--	767,810	-										
			2/22/19	--	819,670	51,860										
	11/8/19	1/13/20	893,510	73,840	2.1		ND	ND	ND	ND	ND	ND	ND			
11/9/20	--	858,510	?													
JL-100	2	6/8/21	869,400	10,890												
							See 12/8 LaBarge Road (Barn) Raw Sample Results									
940 LaBarge Rd Kathryn & Bob Cook Well: RD883 (189' deep)	JL-100 Every 1 yr Sept./11		04/07/97	9/23/96	0	0	ND	ND	ND	ND				Vol. Vol. Vol. Vol.		
			4/14/97	4/14/97	0	0	ND	ND	ND	ND						
			05/19/98	7/17/98	57,450	57,450	ND	ND	ND	ND						
			05/06/99	6/1/99	118,820	61,370	ND	ND	ND	ND						
			Col. and Fe	8/2/00	201,648	82,828	--	--	--	--						
			03/30/01	4/12/01	232,060	113,240	ND	ND	ND	ND						
			Nov. 2002	11/21/02	336,250	104,190	3.3									
			03/03/03	03/07/03	352,460	120,400	Eff. Only									
			03/19/04	03/31/04	488,860	136,400	Eff. Only									
			06/30/05	07/13/05	649,910	161,050	Eff. Only									
			04/21/06	--	784,890	134,980	--									
			04/24/07	--	990,220	205,330	--									
			7/23/08	--	1,077,420	87,200										
			9/23/10	--	1,244,030	166,610										
			4/13/11	--	1,281,890	37,860										
			5/17/12	7/30/12	1,388,120	106,230	1.2		ND	ND	ND					
			9/25/12	--	1,421,760	33,640										
			4/17/13	5/29/13	1,458,700	36,940	Eff. Only									
			5/19/15	11/3/15	1,521,630	62,930	ND		ND	ND	ND					
	10/19/15	1/27/16	1,536,020	14,390	Eff. Only											
1/19/17	--	1,573,680	37,660													
2/12/18	--	1,602,930	29,250													
JL-100	1	7/13/20	1,708,840	105,910	1.9		ND	ND	ND	ND	ND	-	-			
948 LaBarge Rd Donna Speer-Bast/Kernon Bast Well: BM119 (Deep well) Inf. Only LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./12	1	07/01/97	9/23/96	0	0	ND	ND	ND	ND						
			7/16/97	7/16/97	0	0	ND	ND	ND	ND						
			07/21/98	7/17/98	43,480	43,480	ND	ND	ND	ND						
			08/13/99	--	79,070	35,590	--									
			03/27/01	--	123,020	43,950	--									
			02/28/03	02/28/03	175,620	52,600	ND		ND	ND	ND					
			06/28/05	08/09/05	223,910	48,290	ND		ND	ND	ND					
			04/17/07	--	281,130	57,220	--									
			3/29/10	--	339,870	58,740										
			4/22/13	5/29/13	386,600	46,730	Eff. Only									
			4/8/15	5/14/15	418,980	32,380	ND		ND	ND	ND					
	7/3/18	8/14/18	476,090	57,110	Eff. Only											
JL-100	1	9/30/20	520,880	44,790												

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
974 LaBarge Rd Sherman & Margaret Sutter Carry Setter Well: MJ212	JL-100 Every 2 yrs Mar./13	1	01/27/99	10/28/98	0	0	1.7	ND	ND	ND				Vol.	
			02/25/99	08/02/00	75,470	75,470	1.1	ND	ND	ND					
			08/28/01	08/30/01	165,790	165,790	ND	ND	ND	ND					
			04/22/03	04/30/03	234,477	68,687	Eff. Only								
			07/13/05	07/13/05	386,480	152,003	Eff. Only								
			4/23/07	7/23/07	466,360	79,880	1.1	ND	ND	ND					
			1/6/11		714,760	248,400									
			4/2/14	6/17/14	884,640	169,880	Eff. Only								
			3/27/19	5/29/19	1,218,640	334,000	0.95	ND	ND	ND	ND	ND	ND		
			4/5/21	7/8/21	1,311,060	92,420	ND	ND	ND	ND	ND	ND	ND		
979 LaBarge Road Dave & Kim Benoy Well: LY678	JL-100 Every 2 yrs Mar./10	1	04/28/98	2/12/98	0	0	1.6	ND	ND	ND					
			6/26/98	6/26/98	20,680	20,680	1.7	ND	ND	ND					
			4/22/99	4/22/99	53,070	32,390	1.5	ND	ND	ND					
			8/2/00	8/2/00	80,770	60,090	--	--	--	--					
			08/21/01	08/30/01	147,450	66,680	<0.86>	ND	ND	ND					
			03/22/04	03/29/04	189,020	41,570	Eff. Only								
			07/19/05	08/09/05	287,780	98,760	Eff. Only								
			8/27/08		366,820	79,040									
			4/22/11		417,280	50,460	Eff. Only								
			5/20/13	11/11/13	464,170	46,890	0.78	ND	ND	ND					
5/23/16	1/9/17	499,370	35,200	Eff. Only											
9/17/18	11/6/18	524,340	24,970	0.72	ND	ND	ND	ND	ND	-	-				
11/16/20	12/21/20														
980 LaBarge Road Troy & Kim Dagastino Well: NL290	JL-100 Every 2 yrs Mar./13		12/23/99	09/28/99	0	0	ND	ND	ND	ND					
			01/26/00	01/26/00	131,710	131,710	2.7	ND	ND	ND					
			08/24/01	08/30/01	211,890	80,180	ND	ND	ND	ND					
			03/03/03	03/07/03	367,270	155,380	Eff. Only								
			06/30/05	07/05/05	503,070	135,800	Eff. Only								
			05/10/07	07/19/07	799,960	296,890	0.9	ND	ND	ND					
			1/11/11	7/25/12	1,027,750	227,790	0.91	ND	ND	ND					
			4/11/14		1,164,690	136,940									
			10/7/16		1,279,130	114,440									
			10/24/18		1,482,200	203,070									
7/9/21															
983 LaBarge Road Mike & Rebecca Dejonker Well: QK859 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./12		01/16/02	11/07/01	0	0	ND	ND	ND	ND					
			01/22/02	01/22/02	487,420	487,420	ND	ND	ND	ND					
			03/19/04	03/29/04	305,460	--	Eff. Only								
			05/03/06	--	544,890	239,430	--								
			5/7/08	9/24/08	728,410	183,520	ND	ND	ND	ND					
			5/5/10	6/13/13	852,800	124,390	ND	ND	ND	ND					

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)	
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7						
987 LaBarge Road Matthew Pevan Well: MM204	JL-100 Ann. Sept./15		10/20/98	6/26/98	0	0	1.7	ND	ND	ND						
			01/06/00	10/28/98	124,950	124,950	1.4	ND	ND	ND						
			08/29/00	03/06/00	209,910	84,960	<1.1>	ND	ND	ND						
			10/10/01	10/5/00	330,834	120,924	<1.1>	ND	ND	ND						
			01/11/03	10/18/01	491,060	160,226	Eff. Only								Vol.	
			03/19/04	01/21/03	567,620	76,560	Eff. Only								Vol.	
			03/24/05	03/29/04	825,240	257,620	Eff. Only									
			09/30/05	04/19/05	903,120	77,880	Eff. Only									
			04/11/06	11/03/05	955,620	52,500	--									
			09/26/06	--	1,035,290	79,670	--									
			4/27/07 c	5/7/07	1,087,590	52,300	0.63	ND	ND	ND						
			09/6/07	--	1,160,380	72,790	--									
			4/10/08	--	1,232,870	72,490	--									
			9/24/08	--	1,331,050	98,180	--									
			8/28/09	9/11/09	1,448,030	116,980	Eff. Only									
			3/26/10		1,522,930	74,900										
			9/23/10		1,581,160	58,230										
			10/19/11		1,694,820	113,660										
			5/7/12		1,740,230	45,410										
			11/5/12	3/6/13	1,856,650	116,420	0.63	ND	ND	ND						
			4/22/13	5/29/13	1,891,100	34,450	Eff. Only									
			10/25/13	1/7/14	1,976,940	85,840	Eff. Only							ND	ND	
			6/27/14		2,038,060	61,120								ND	ND	
10/16/14	2/6/15	2,072,750	34,690	Eff. Only							ND	ND				
3/15/16	3/15/16	2,143,520	70,770	0.79	ND	ND	ND									
9/30/16	1/6/17	2,194,679	51,159	0.75	ND	ND	ND									
5/17/17		2,213,710	19,031													
9/4/18	11/1/18	2,256,360	42,650	Eff. Only							ND	ND	Styrene			
2/4/21	4/7/21	2,551,420	295,060	0.5	ND	ND	ND		ND	ND	ND	ND				
991 LaBarge Road Richard & Diane Cristen Well: NB143 Inf. Only Fe-clogged filters 11/14/06 Trying better pre-filter LRT is no longer responsible for GACS	JL-100 Every 1 yr Mar./11	1	07/21/99	4/22/99	0	0	ND	ND	ND	ND						
			07/29/99	07/29/99	211,330	211,330	ND	ND	ND	ND						
			07/03/01	8/2/00	340,656	340,656	--									
			03/28/03	7/26/01	634,105	293,449	ND	ND	ND	ND						
			03/24/05	03/28/03	945,693	311,588	ND	ND	ND	ND						
			12/12/06	04/19/05	1,228,260	282,567	--									
			11/6/09	--	1,599,250	370,990	ND	ND	ND	ND						
			10/3/12	4/7/10	1,943,290	344,040	ND	ND	ND	ND						
			7/3/13		2,023,320	80,030										
			4/9/14		2,138,422	115,102										
			1/8/16		2,345,590	207,168										
			10/2/17	1/23/18	2,563,140	217,550	ND	ND	ND	ND						
			11/14/19		2,837,540	274,400										
641 Laurie Lane Troy & Wendy Nyhus Well: NS411 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Apr./12		03/11/02	12/28/00	0	0	ND	ND	ND	ND						
			10/11/05	3/21/02	178,680	178,680	ND	ND	ND	ND						
			7/2/10	06/13/04	503,880	325,200	Eff. Only									
			2/7/14	11/03/05	544,270	40,390	Eff. Only									
			4/22/16	1/16/17	590,640	46,370	ND	ND	ND	ND						
			4/5/19	6/3/19	727,680	137,040	ND	ND	ND	ND	ND					

TABLE 12
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Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)		Chloroform (ppb)	TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
672 Laurie Lane Kirsten & Zackary Talentino LRT is no longer responsible for GACS Well: NE554	JL-100 Every 2 yrs April/10		08/01/00 04/18/03 07/13/05 1/21/08 10/13/15	03/10/00 8/1/00 04/30/03 08/09/05 4/4/16	0 279,232 438,960 690,640 1,652,320	0 279,232 159,728 251,680 961,680	ND ND Eff. Only Eff. Only ND	ND ND ND ND ND	ND ND ND ND ND						
976 Marcy's Court Kenton & Tami Hove (██████████) Well: NS418 Inf. Only LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/12	2	07/06/01 04/25/03 04/22/05 4/30/10 3/27/12 9/19/13 10/2/19 -	1/31/01 7/26/01 05/06/03 08/18/05 5/5/21	0 157,650 416,270 948,800 No meter reading recorded 1,624,710 1,700,270	0 157,650 258,620 532,530 ? 75,560	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND					
977 Marcy's Court Kristina Olson (██████████) Well: OJ547 (██████████) Inf. Only LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/12	1	10/02/01 04/26/04 05/10/06 5/22/08 6/8/10 10/12/12 5/23/13 5/8/15 5/24/17 11/24/20	7/26/01 10/18/01 06/12/04 -- 9/24/08 6/30/15 6/20/17 1/18/21	0 174,390 300,170 445,170 550,580 666,460 690,850 782,010 870,080 1,063,190	0 174,390 125,780 145,000 105,410 115,880 24,390 91,160 88,070 193,110	ND ND ND -- ND ND Eff. Only ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND					
981 Marcy's Court Adam and Tammy Kowles (██████████) Well: NS412	JL-100 Every 2 yrs April/11	1	03/07/01 06/12/03 07/05/05 06/12/07 11/25/09 8/7/12 8/8/14 6/20/17 12/23/19	11/22/00 3/7/01 05/01/03 07/12/05 -- 2/19/10 8/6/12 8/21/15 8/21/15 2/25/20	0 119,975 301,560 429,850 507,270 597,720 687,410 851,230 996,720	0 119,975 181,585 128,290 77,420 90,450 89,690 163,820 145,490	ND ND Eff. Only Eff. Only -- ND ND Eff. Only ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND					
982 Marcy's Court Nick Peyer (██████████) Well: LE319 LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/10		12/19/01 04/10/04 04/19/06 5/20/08 7/2/11 6/14/13 6/5/15 5/3/19	10/22/01 12/20/01 05/17/04 -- 2/8/13 8/21/15 2/26/21	0 179,930 326,270 533,030 781,280 904,620 955,260 1,076,130	0 179,930 146,340 206,760 248,250 123,340 50,640 120,870	ND ND Eff. Only -- ND Eff. Only ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND					
985 Marcy's Court Bob & Paula Ring (██████████) Well: NS090 LRT is no longer responsible for GACS	JL-100 Every 2 yrs April/12		06/12/01 04/22/03 06/30/05 7/26/07 9/8/10 10/4/12 9/9/14 7/13/16 5/14/19	08/23/00 7/26/01 05/01/03 07/12/05 2/19/10 3/6/13 1/3/17 9/6/19	0 117,288 286,780 402,410 538,790 632,370 737,470 819,260 947,610	0 117,288 169,492 115,630 136,380 93,580 105,100 81,790 128,350	ND ND Eff. Only Eff. Only ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND					

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
712 McCutcheon Rd Joel Sundt Well: BM167 VACANT?	JL-300 Every 2 yrs Mar./11 JL-100		02/26/97 3/10/97 02/17/98 03/02/99 Col. and Fe 05/10/01 03/03/03 07/05/05 3/17/09 4/17/15 9/19/21	9/17/96 3/10/97 2/23/98 3/25/99 08/17/00 7/26/01 03/07/03 07/13/05 2/1/10	0 31,600 70,120 121,497 134,500 168,840 219,350 308,140 388,150	0 31,600 38,520 51,377 64,380 34,340 50,510 88,790 80,010	2.9 2.8 2.6 4.1 -- 3.8 Eff. Only Eff. Only 1.7	1.5 ND ND ND -- ND ND ND	ND ND ND ND -- ND ND ND	ND ND ND ND -- ND ND ND					
715 McCutcheon Rd New Owners 2018: Brad & Cynthia Cameron Well: RM555	JL-100 Every 2 yr Feb/11		08/21/03 07/05/05 07/20/07 7/21/08 3/18/10 3/18/13 3/31/14 4/2/15 3/28/17 3/22/18	06/09/03 09/25/03 07/12/05 -- 9/24/08 9/13/880 3/20/13 4/2/15 5/17/17 5/29/18	0 9,968,480 9,798,250 9,568,960 9,656,970 86,960 9,913,880 48,540 10,003,710 96,690 206,550 260,010	0 31,520 201,750 229,290 88,010 86,960 48,540 41,290 New meter 109,860 53,460	2.5 2.5 Eff. Only 1.8 1.1 Eff. Only Eff. Only	ND ND ND ND ND ND	ND ND ND ND ND ND				Vol. Vol.		
718 McCutcheon Rd Cory & Alicia Oberbas Well: BM265	JL-100 Every 2 yr Mar./08	1	04/01/97 02/12/99 Col. and Fe 05/01/01 03/07/03 06/25/04 02/09/06 04/19/07 11/18/19	9/19/96 4/14/97 3/25/99 08/22/00 05/03/01 03/28/03 07/13/04 -- -- --	0 83,700 176,663 205,750 355,920 542,090 644,710 712,620 1,363,420	0 83,700 92,963 122,050 150,170 186,170 102,620 67,910 650,800	1.1 1.3 2.9 -- 1.8 Eff. Only Eff. Only --	ND 0.18 ND -- ND ND	ND ND ND ND ND			Vol. Vol.			
724 McCutcheon Rd (+Barn) Tom & Becky Bohlen Well: XX003	JL-100 Every 2 yr Mar./12	1	05/06/99 Col. and Fe 05/01/01 01/21/02 02/24/03 07/13/05 8/25/08 5/20/10 5/22/12 5/13/16 9/20/18 3/3/21	5/21/97 6/1/99 08/22/00 5/3/01 1/22/02 02/28/03 08/09/05 -- 11/19/13 8/9/16 11/6/18	-17,980 4,617 12,400 21,700 86,260 268,600 555,010 654,460 762,390 987,520 1,117,850 1,269,880	-17,980 22,597 30,380 9,300 64,560 182,340 286,410 99,450 107,930 225,130 130,330 152,030	ND 2.9 -- <0.57> Eff. Only Eff. Only -- 1.4 1.3 Eff. Only	ND ND -- ND ND	ND ND -- ND ND			Vol.			
725 McCutcheon Rd Matthia & Ashley Eiserman Well: RW072 Previous owners: Jeffrey & Debra Schwab	JL-100 Every 2 yrs Feb./12		09/15/04 02/14/06 03/09/07 3/20/08 3/12/10 5/7/12 11/17/14 11/2/16 5/7/18 6/30/20	07/13/04 09/28/04 -- 9/24/08 3/8/13 2/6/15 6/26/18 8/4/20	0 91,770 164,130 245,320 354,180 446,000 593,170 698,920 770,000 864,020	0 91,770 72,360 81,190 108,860 91,820 147,170 105,750 71,080 94,020	1.8 3.9 -- 1.7 1.3 Eff. Only 1.7 1.5	ND ND -- ND ND	ND ND -- ND ND						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
756 McCutcheon Rd Tyler Bonngard ██████████ Well: KK887	JL-100 Every 2 yrs Mar./12		03/28/97 4/2/97 04/24/98 04/08/99 08/22/00 Fe 06/01/01 03/12/03 04/10/04 05/12/05 04/21/06 04/24/07 4/14/08 3/23/10 5/21/12 5/12/14 4/11/16 3/15/19	9/20/96 4/2/97 5/15/98 4/22/99 08/22/00 7/12/01 03/28/03 04/24/04 06/16/05 -- -- 9/24/08 2/4/13 8/3/15 7/25/16 4/18/19	0 77,580 161,290 321,340 393,527 503,930 568,100 637,270 688,790 752,570 815,010 891,510 967,890 1,026,600 60,310 1,203,700	0 77,580 83,710 160,050 72,187 110,403 64,170 69,170 51,520 63,780 62,440 76,500 76,380 58,710 60,310 116,790	1.7 1.6 1.8 1.7 1.3 1.2 Eff. Only Eff. Only Eff. Only -- -- 1.2 1.1 1.2 Eff. Only 1.3	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND						
757 McCutcheon Rd Jill & Ryan Amundson ██████████ Well: EV023	JL-100 Every 2 yrs Mar./09		07/09/97 08/13/98 08/02/99 Col. and Fe 06/28/01 03/03/03 05/20/05 05/1/07 8/14/17 2/14/20	9/23/96 7/23/97 8/26/98 8/26/99 8/14/00 7/12/01 03/07/03 06/16/05 7/23/07	0 46,360 89,050 125,033 151,590 213,900 297,580 356,750 819,390	0 46,360 42,690 35,983 62,540 62,310 83,680 59,170 462,640	1.9 1.8 1.8 1.9 -- 1.1 Eff. Only Eff. Only 1.1	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND						
758 McCutcheon Rd Anthony & Jackie Beaudry ██████████ Sprinkler system unfiltered (West wall) Well: KW889	JL-100 Every 1 yr Mar./11		04/09/98 04/29/99 Col. and Fe 05/10/01 04/17/03 11/16/04 10/25/05 04/20/07 7/3/08 6/29/09 9/8/10 8/29/12 6/5/13 6/30/14 5/2/16 7/26/17 10/9/19 12/1/20	09/26/96 4/24/98 6/1/99 8/14/00 7/12/01 04/30/03 11/23/04 11/09/05 7/20/07 -- -- -- 10/8/13 12/12/14 7/25/16 8/15/17 2/2/21	0 66,680 151,145 194,710 336,425 474,890 556,010 691,440 124,490 903,230 997,550 1,146,900 1,206,070 1,298,770 1,434,300 1,527,490 1,703,260 1,801,430	0 66,680 84,465 128,030 141,715 138,465 81,120 135,430 124,490 87,300 94,320 149,350 59,170 92,700 135,530 93,190 175,770 98,170	3.2 2.6 3.2 -- 2.4 Eff. Only Eff. Only Eff. Only 1.4 -- -- -- Eff. Only Eff. Only 1.1 1.1 0.89	1.2 ND ND -- ND ND ND ND ND ND ND ND ND ND ND ND ND	0.43 ND ND -- ND ND ND ND ND ND ND ND ND ND ND ND ND						
759 McCutcheon Rd Kevin Lallensack ██████████ Well: TK932	JL-100 Every 1 yr Mar. 11		5/11/07 4/15/09 3/15/19	03/26/07 7/19/07 11/25/19	0 114,900 598,830	0 114,900 483,930	3.3 3.0 2.2	ND ND ND	ND ND ND						

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
763 McCutcheon Rd Edmund & Ellen Murdzek Well: BM166 Inf. and Eff.	JL-100 Every 2 yr Mar./10	1	03/08/97	9/17/96	0	0	6.0	ND	ND	ND				Vol.	
			3/19/97	3/19/97	0	0	5.6	ND	ND	ND					
			03/19/98	4/20/98	79,020	79,020	4.2	ND	ND	ND					
			02/26/99	03/25/99	157,010	77,990	5.6	ND	ND	ND					
			06/08/00	06/29/00	248,900	91,890	2.9	ND	ND	ND					
			05/01/01 Fe	5/3/01	312,290	63,390	2.0	ND	ND	ND					
			03/03/03	03/07/03	442,340	130,050	2.8	ND	ND	ND					
			06/04/04	06/15/04	541,540	99,200	2.2	ND	ND	ND					
			05/16/05	06/16/05	622,800	81,260	2.2	ND	ND	ND					
			04/21/06	--	693,890	71,090	--								
			05/18/07	--	786,820	92,930	--								
			6/16/08	--	866,630	79,810	--								
			4/17/09		914,080	47,450									
			9/26/11		1,016,400	102,320									
			5/9/14	4/26/16	1,117,100	100,700	1.2	ND	ND	ND					
5/2/16		1,195,560	78,460												
11/13/18	12/28/18	1,283,060	87,500	ND	ND	ND	ND								
3/24/21	5/20/21	1,352,350	69,290	1.4	ND	ND	ND	ND	ND	-	-				
767 McCutcheon Rd Cory Breunig New Owner? Or Rented? Well: KW890 Owner: Steve Lucksinger	JL-100 Every 2 yrs Mar./11		04/03/97	9/25/96	0	0	6.1	ND	ND	ND				Vol.	
			4/14/97	4/14/97	0	0	5.5	0.29	0.14	ND					
			05/27/98	6/26/98	59,410	59,410	5.4	ND	ND	ND					
			04/13/99	4/22/99	117,540	58,130	6.3	ND	ND	ND					
			8/14/00	8/14/00	215,785	98,245	--	--	--	--					
			10/5/00	10/5/00	225,630	108,090	4.1	ND	ND	ND					
			06/28/01	7/12/01	272,850	155,310	3.8	ND	ND	ND					
			04/16/02	5/14/02	310,736	37,886	4.5	ND	ND	ND					
			02/20/03	02/20/03	343,910	33,174	Eff. Only								
			05/14/04	05/14/04	412,890	102,154	Eff. Only								
			06/16/05	06/16/05	470,010	57,120	Eff. Only								
			02/20/06	--	504,860	34,850	--								
			05/11/07	--	594,780	89,920	--								
			4/16/09		641,430	46,650									
			4/24/13		865,030	223,600									
4/4/16		1,129,870	264,840												
10/25/18	*2/11/21	1,319,330	189,460	1.2	ND	ND	ND	ND	ND	ND	ND				
771 McCutcheon Rd Gale & Cynthia Zielieke Well: BM112 (Deep well) Inf. Only LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./12		03/10/97	9/17/96	0	0	ND	ND	ND	ND					
			3/22/97	3/22/97	0	0	ND	ND	ND	ND					
			04/16/98	4/24/98	109,700	109,700	ND	ND	ND	ND					
			03/19/99	3/26/99	200,100	90,400	ND	ND	ND	ND					
			Col. and Fe	8/2/00	336,700	136,600	--	--	--	--					
			05/15/01	7/12/01	431,980	231,880	ND	ND	ND	ND					
			08/20/02		558,080	126,100	Sand clogged	filter; changed	Has prefilter						
			05/01/03	--	625,370	67,290	Sand clogged	filter; changed	Upgraded prefilter						
			08/02/04	11/12/04	739,820	114,450	ND	ND	ND	ND					
			04/11/06	--	857,210	117,390	--								
			4/17/08	9/24/08	1,000,060	142,850	ND	ND	ND	ND					
			4/1/10		1,116,990	116,930									
			7/19/12		1,236,930	119,940									
			6/16/14		1,373,600	136,670	Changed out at customers request due to plugging								
			9/18/14		1,400,781	27,181									
7/20/16	3/26/21	1,528,690	127,909	ND	ND	ND	ND	ND	ND	ND					

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SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects		Flag				
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)		TCE (ppb)			
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7							
812 McCutcheon Rd Ronald & Loretta Raymond Well: BM158 (Deep well) Inf. Only New Number? : [REDACTED] LRT is no longer responsible for GACS	JL-100 Every 2 yrs Jan./12		04/29/97	9/25/96			ND	ND	ND	ND							
				5/6/97	0	0	ND	ND	ND	ND							
				5/15/98	42,150	42,150	ND	ND	ND	ND							
				04/15/99	79,770	37,620	ND	ND	ND	ND							
				8/14/00	--	--	--	--	--	--							
				08/23/01	10/04/01	175,660	95,890	ND	ND	ND	ND						
				02/23/04	03/25/04	277,620	101,960	ND	ND	ND	ND						
				01/18/06 c	02/20/06	353,165	75,545	ND	ND	ND	ND						
				1/16/08	--	438,930	85,765	--	--	--	--						
				1/27/10	2/19/10	518,310	79,380	ND	ND	ND	ND						
				1/25/12	2/8/13	568,530	50,220	ND	ND	ND	ND						
				2/3/14	5/8/14	612,660	44,130	ND	ND	ND	ND						
				2/24/16	1/23/17	650,170	37,510	Eff. Only	ND	ND	ND		ND	-			
				3/26/19	5/14/19	702,100	51,930	ND	ND	ND	ND						
FILTERS REMOVED 5/5/2021																	
821 McCutcheon Rd Xao & Dee Xiong Well: TB992	JL-100 Every 1 yr Jan./07		02/08/06	11/09/05			3.8	ND	ND	ND							
				03/07/06	0	0	2.9	ND	ND	ND							
832 McCutcheon Rd Landlord: Marion Shaw Well: BM107 Inf. and Eff.	JL-300 Every 2 yrs Jan./12		07/01/97	9/18/96			2.3	1.2	0.27	ND							
				7/3/97	0	0	2.2	0.65	ND	ND							
				07/23/98	24,910	24,910	2.0	<0.4>	ND	ND							
				08/26/99	54,700	29,790	2.9	<0.61>	ND	ND							
				8/2/00	74,730	20,030	--	--	--	--							
				07/19/01	7/26/01	97,590	42,890	3.6	<0.64>	ND	ND						
				03/11/04	03/31/04	145,360	47,770	3.0	ND	ND	ND						
				01/25/06 c	02/20/06	192,220	46,860	2.7	<0.66>	ND	ND						
				4/10/08	--	370,300	178,080	--	--	--	--						
				2/26/09	--	390,570	20,270	--	--	--	--						
				3/15/17	4/11/17	685,670	295,100	ND	ND	ND	ND						
				2/8/19	2/5/19	742,850	57,180	1.6	ND	ND	ND						
				840 McCutcheon Road Landlord: Marion Shaw (water is not filtered) Well: ZS539	-		-	2/5/19	-	-	ND	ND	ND	ND			
720 Norflex Dr Norflex Inc Josh Lynghaug Well: FY778 (Outside SWCA) Has sign for unfiltered outside faucet. Sprinkler system unfiltered	JL-300 JL-100 Every 1 yr Mar./11		11/04/97	9/19/96			1.6	ND	ND	ND							
				11/17/97	0	0	0.9	ND	ND	ND							
				02/11/99	2,343,500	2,343,500	1.0	ND	ND	ND							
				11/28/00 Fe	12/06/00	4,393,807	2,050,307	ND	ND	ND	ND						
				Filter relocated													
				Col.	01/31/02	4,529,464	135,657	--	--	--	--						
				03/26/03	03/28/03	4,591,546	62,082	Eff. Only	--	--	--						
				04/22/05	05/13/05	4,754,930	163,384	Eff. Only	--	--	--						
				04/11/06	--	4,827,370	72,440	--	--	--	--						
				04/19/07	7/23/07	4,914,050	86,680	<0.38>	ND	ND	ND						
				4/14/08	--	4,990,340	76,290	--	--	--	--						
				4/20/09	--	5,098,630	108,290	--	--	--	--						
				3/15/10	--	5,236,050	137,420	--	--	--	--						
				5/11/12	8/23/12	6,388,310	1,152,260	ND	ND	ND	ND						
				4/5/13	--	6,443,570	55,260	--	--	--	--						
				5/9/14	6/10/14	6,519,510	75,940	Eff. Only	--	--	--						
				6/28/16	6/27/16	6,679,090	159,580	ND	ND	ND	ND						
				5/16/17	6/20/17	6,925,500	246,410	Eff. Only	--	--	--						
				10/16/18	11/20/18	7,570,480	644,980	ND	ND	ND	ND						
10/22/19	11/20/19	7,855,210	284,730	ND	ND	ND	ND	ND	ND	-							
-	11/30/20	-	-	ND	ND	ND	ND	ND	ND	-							
6/24/21	--	8,685,900	830,690	--	--	--	--										

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Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
718 Paul Burch Dr. Brian & Nancy Shult [REDACTED] Well: OV422 Inf. Only LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./11	1	03/25/02 11/12/04 4/26/07 5/12/09 5/11/12 5/8/14 4/13/16 9/4/18 11/13/20	12/6/01 4/4/02 11/12/04 -- 3/27/13 6/30/16	0 271,450 296,690 684,040 848,630 950,620 1,090,800 1,220,790 1,301,760	0 271,450 25,240 387,350 164,590 101,990 140,180 129,990 80,970	ND ND ND -- ND ND	ND ND ND -- ND ND	ND ND ND -- ND ND	ND ND ND -- ND ND					
721 Paul Burch Dr. Mike & Hong Nelson [REDACTED] Well: WL348 Hydrant by A/C unfiltered LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./11	1	08/15/00 04/01/03 05/06/05 05/15/07 10/9/09 7/3/14 4/14/16 9/4/18 12/8/20	03/10/00 08/21/00 4/11/01 04/30/03 06/16/05 9/24/08 6/26/15 7/25/16 10/15/18 1/25/21	0 0 125,840 240,990 358,310 484,070 685,800 724,660 850,650 944,110	no meter 0 125,840 115,150 117,320 125,760 201,730 38,860 125,990 93,460	ND ND Meter Installed Eff. Only Eff. Only ND ND Eff. Only Eff. Only ND	ND ND -- -- ND ND ND ND ND	ND ND -- -- ND ND ND ND ND						
725 Paul Burch Dr. Tony & Jennifer Struemke [REDACTED] Well: OV583 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./11		10/09/02 06/07/05 05/8/07 5/29/09 9/13/11 4/12/13 11/4/15 10/31/18	06/04/02 10/31/02 -- -- 2/19/10 -- 2/5/16 6/26/19	0 342,650 497,920 687,230 906,130 1,027,320 1,278,380 1,521,970	0 342,650 155,270 189,310 218,900 121,190 251,060 243,590	ND ND -- -- ND ND ND ND	ND ND -- -- ND ND ND ND	ND ND -- -- ND ND ND ND						
728 Paul Burch Dr. Rick Norris [REDACTED] Well: OV421	JL-100 Every 1 yr Mar./11		12/11/01 03/12/03 04/27/05 04/17/06 4/19/07 4/17/08 5/26/09 4/1/10 6/6/13 1/12/16 10/16/18 3/29/21	10/04/01 12/20/01 03/28/03 06/16/05 -- 7/23/07 -- -- -- -- -- --	0 78,440 291,950 396,310 504,700 595,940 690,260 777,110 1,036,880 1,265,360 1,327,960	0 78,440 213,510 104,360 108,390 91,240 94,320 86,850 259,770 228,480 62,600	1.8 1.6 Eff. Only Eff. Only -- 0.86 -- -- -- -- --	ND ND -- -- ND ND -- -- -- -- --	ND ND -- -- ND ND -- -- -- -- --				Vol.		
729 Paul Burch Dr. Rental Property, 2 units, same address Both units share GACs Renter: Chris Pauliek [REDACTED] Bohlen Properties LLC: Tom Bohlen Well: NP186 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Mar./12	2	04/11/00 03/22/02 03/18/04 04/07/06 4/28/08 3/16/10 10/8/13 4/7/16 - 12/2/20	11/18/99 4/19/00 04/04/02 03/31/04 -- 4/7/10 11/25/13 - 10/21/20 -	0 122,276 310,000 466,020 549,850 561,380 561,380 98,520 - 302,150	0 122,276 187,724 156,020 83,830 11,530 561,380 98520 - 203,630	ND ND ND Eff. Only -- -- -- -- -- -- Eff. Only ND ND ND ND	ND ND ND -- -- ND ND -- -- -- --	ND ND ND -- -- ND ND -- -- -- --						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag
							TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)	
693 Pine Timber Lane Timothy & Vicki Hieb Live in AZ January-March Well: SK719	JL-100 Every 2 yr 11-Apr	1	02/25/05	11/23/04	0	0	2.8	ND	ND	ND	ND			Vol.
			03/08/06	03/11/05	96,200	96,200	2.6	ND	ND	ND				
			03/20/07	--	200,600	104,400	--	--	--	--				
			4/3/08	--	283,340	82,740	--	--	--	--				
			5/18/09	--	363,040	79,700	--	--	--	--				
			4/27/10	--	432,610	69,570	--	--	--	--				
			4/9/12	--	565,000	132,390	--	--	--	--				
			5/28/14	--	700,410	135,410	--	--	--	--				
			6/7/16	--	843,850	143,440	--	--	--	--				
			7/21/16	8/24/16	tank broke, replaced H2O softner	replaced H2O softner	0.9	ND	ND	ND				
			11/10/17	--	925,510	81,660	--	--	--	--				
			12/11/18	5/7/19	981,880	56,370	1.3	ND	ND	ND	ND	ND	ND	
12/8/20	5/5/21	1,035,290	53,410	1.1	ND	ND	ND	ND	ND	-				
695 Pine Timber Lane Patrick & Christine Leopold Well: SN453 Must Call First	JL-100 Every 2 yr Feb./14	1	05/13/05	02/26/05	0	0	1.3	ND	ND	ND				
			05/23/06	08/09/05	109,490	109,490	1.2	ND	ND	ND				
			09/20/06	--	154,900	45,410	--	--	--	--				
			11/7/07	--	254,570	99,670	--	--	--	--				
			11/7/08	--	299,870	45,300	--	--	--	--				
			1/22/10	2/19/10	371,290	71,420	1.1	ND	ND	ND				
			5/11/12	--	468,710	97,420	--	--	--	--				
			3/6/14	--	547,800	79,090	--	--	--	--				
			9/17/15	--	608,400	60,600	--	--	--	--				
			11/21/17	--	690,220	81,820	--	--	--	--				
			2/19/21	--	790,160	99,940	--	--	--	--				
697 Pine Timber Lane Kurt & Angie Koebler Well: ST552	JL-100 Every 2 yrs Feb./12	1	10/18/05	07/05/05	0	0	1.1	ND	ND	ND			Vol.	
			03/09/07	11/03/05	175,240	175,240	0.81	ND	ND	ND				
			4/15/08	--	248,590	73,350	--	--	--	--				
			2/18/10	--	353,300	104,710	--	--	--	--				
			5/4/12	9/17/12	474,420	121,120	1.2	ND	ND	ND				
			4/1/14	6/17/14	614,620	140,200	Eff. Only							
			4/3/15	--	681,000	66,380	--	--	--	--				
			3/31/16	5/12/16	724,696	43,696	1.1	ND	ND	ND				
			4/6/17	--	776,090	51,394	--	--	--	--				
			3/22/18	6/26/18	822,670	46,580	Eff. Only							
			4/24/19	6/12/19	876,320	53,650	1	ND	ND	ND	ND	ND		
			5/28/20	7/8/20	926,600	50,280	0.79	ND	ND	ND	ND	ND		
7/22/21	--	1,000,740	74,140	--	--	--	--							
698 Pine Timber Lane Kenneth & Beverly Heutmaker Well: UD103	JL-100 Every 1 yr Feb./11	1 1	03/21/07	02/19/07	0	0	0.57	ND	ND	ND			Vol. Vol.	
			2/9/10	7/20/07	278,130	278,130	2.8	ND	ND	ND				
			6/6/12	8/7/12	464,260	186,130	1.8	ND	ND	ND				
			5/23/13	--	549,950	85,690	--	--	--	--				
			3/9/15	--	713,390	163,440	--	--	--	--				
			4/13/16	--	788,070	74,680	--	--	--	--				
			4/21/17	--	857,750	69,680	--	--	--	--				
			4/12/18	--	923,610	65,860	--	--	--	--				
			8/2/19	11/20/19	1,014,810	91,200	1.6	ND	ND	ND	ND	ND		
			11/24/20	2/2/21	1,086,810	72,000	0.99	ND	ND	ND	ND	-		

TABLE 12
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Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects				Effluent Detects			Flag			
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)		
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7							
942 Pup Circle New Owners (6/2020): Steve & Kathy Krinke Well: SX819 Previous Owners: Fran & Angie McLellan [REDACTED]	JL-100 Every 1 yr Feb./11		12/27/05	08/31/05	0	0	3.3	ND	ND	ND							
			03/13/07	03/09/06	--	--	194,710	194,710	3.7	ND	ND	ND					Vol.
			5/7/08	--	--	--	280,940	86,230	--								Vol.
			2/18/10	4/7/10	418,190	137,250	3.3	ND	ND	ND							
			3/20/12	3/13/13	585,510	167,320	2.8	ND	ND	ND							
			2/27/14	5/8/14	744,620	159,110	Eff. Only										
			3/5/15	6/2/15	833,270	88,650	Eff. Only										
			3/21/16	1/6/17	905,830	72,560	2	ND	ND	ND							
			4/5/17		977,870	72,040											
			4/9/18	5/22/18	1,056,240	78,370	2.6	ND	ND	ND							
5/13/20	5/14/20	1,184,200	127,960	2	ND	ND	ND		ND	ND	ND	ND					
6/4/21		1,241,600	57,400														
925 Sadie's Lane Todd & Amy Hess [REDACTED] Well: TJ430	JL-100 Every 1 yr Jan./11		06/28/06	05/15/06	0	0	4.3	ND	ND	ND							
			10/4/07	--	--	--	122,220	122,220	--								
			2/10/09	--	--	--	318,600	196,380	--								
			1/25/10	2/19/10	406,040	87,440	5.7	ND	ND	ND							
			1/28/13	3/7/13	705,720	299,680	4.0	ND	ND	ND							
			1/29/14	2/11/14	792,820	87,100	Eff. Only										
			2/19/15	3/13/15	849,760	56,940	3.3	ND	ND	ND							
			2/11/16	2/3/17	920,120	70,360	3.4	ND	ND	ND							
			2/8/17	3/24/17	935,620	15,500	2.8	ND	ND	ND							
			2/21/18	4/30/18	1,026,240	90,620	2.5	ND	ND	ND							
2/8/19	3/14/19	1,068,680	42,440	2.4	ND	ND	ND			ND							
2/18/20		-	-														
3/4/21	3/26/21	1,190,060	-	2.3	ND	ND	ND		ND	ND	ND	ND					
926 Sadie's Lane Greg Romig [REDACTED] Well: UA854	JL-100 Every 2 yrs Jan./12		5/11/07	03/26/07	0	0	6.3	ND	ND	ND							
			6/23/08	--	--	--	42,260	42,260	--								
			1/29/10	--	--	--	111,380	69,120	--								
			1/28/13	3/13/13	351,980	240,600	4.8	ND	ND	ND							
			2/23/15	4/16/15	574,930	222,950	Eff. Only										
			1/28/16	4/11/16	672,830	97,900	2.3	ND	ND	ND							
			2/21/18	4/6/18	858,810	185,980	Eff. Only										
			2/28/20														
933 Sadie's Lane Josh & Amy Pais [REDACTED] Well: TW524	JL-100 Every 1 yr Jan. 11		5/17/07	03/26/07	0	0	5.7	ND	ND	ND							
			1/25/10	7/20/07	263,190	263,190	4.6	ND	ND	ND							
			3/16/12		405,210	142,020											
			2/18/13	3/6/13	476,820	71,610	4.2	ND	ND	ND							
			2/17/14		570,470	93,650											
			2/16/15	4/16/15	630,190	59,720	Eff. Only										
			2/22/17	3/22/17	743,620	113,430	2.1	ND	ND	ND							
			2/19/18	6/26/18	796,430	52,810	2.2	ND	ND	ND							
2/27/19		857,960	61,530														
4/12/21		983,790	125,770														
937 Sadie's Lane Josh Schommer [REDACTED] Well: SY232	JL-100 Every 1 yr Jan./09		10/07/05	8/9/05	0	0	4.4	ND	ND	ND							
			6/19/07	11/03/05	127,730	127,730	4.6	ND	ND	ND							
			4/8/08	--	--	--	229,960	102,230	--								
			2/15/13		873,130	643,170											
			2/7/14		1,001,940	128,810											
			2/12/15	6/17/15	1,081,720	79,780	3.3	ND	ND	ND							
			2/8/17		1,245,240	163,520											
			5/4/18	7/10/18	1,345,210	99,970	2.5	ND	ND	ND							
			2/13/19	3/20/19	1,426,200	80,990	1.9	ND	ND	ND			ND				
			3/25/20														
4/6/21	5/21/21	1,541,940	-	1.6	ND	ND	ND		ND	ND	-	-					

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
940 Sadie's Lane Scott & Tammy Bjork Well: 1M654	JL-100 Every 1 yr Jan./11		12/12/06	10/11/06	0	0	5.2	ND	ND	ND				Vol.	
			4/22/08	--	92,710	92,710	--								
			2/16/09	--	175,650	82,940	--								
			2/11/10	11/24/10	261,680	86,030	5.5	ND	ND	ND					
			4/22/11		322,180	60,500									
			2/17/14	5/14/14	500,940	178,760	Eff. Only								
			3/15/16	7/22/16	625,460	124,520	3.3	ND	ND	ND					
			3/8/18	6/29/18	753,790	128,330	Eff. Only				ND	ND			
3/27/20	6/9/20	903,430	149,640	2.1	ND	ND	ND								
941 Sadies Lane Cara Noren Well: TJ435	JL-100 Every 1 yr July/15	1 1	08/09/06	06/28/06	0	0	6.0	ND	ND	ND				Vol. Vol.	
			9/24/08	--	438,710	438,710	--								
			2/16/10		765,920	327,210									
				7/25/12	1,494,660		4.0	ND	ND	ND					
			9/28/12		1,635,270	869,350									
			2/25/13	3/6/13	1,669,080	33,810	4.3	ND	ND	ND					
			10/8/13		1,856,560	187,480									
			2/12/14		1,888,556	31,996									
			10/2/14	2/6/15	1,901,222	12,666	Eff. Only								
			9/15/15	12/28/15	2,047,700	146,478	Eff. Only								
			2/16/16	4/12/16	2,076,570	28,870	3.2	ND	ND	ND					
			5/19/16	7/22/16	2,089,980	13,410	Eff. Only								
			9/29/16		2,174,500	84,520									
			10/12/17	12/8/17	2,266,760	92,260	3.2	ND	ND	ND					
11/2/18	11/27/18	2,303,080	36,320	Eff. Only	ND	ND	ND								
12/11/19	1/7/20	2,354,670	51,590	2.7	ND	ND	ND	ND	ND						
4/5/21	6/4/21	2,410,630	55,960	2	ND	ND	ND	ND	ND						
946 Sadies Lane Mike Sletten Well: QU322	JL-100 Every 2 yrs Jan./11		08/19/02	06/04/02	0	0	6.2	ND	ND	ND					
			03/12/04	09/13/02	127,460	127,460	6.4	ND	ND	ND					
			02/23/05	03/31/04	200,690	73,230	Eff. Only								
			02/02/06	03/20/05	259,320	58,630	Eff. Only								
			01/26/07	02/20/06	320,380	61,060	4.8	ND	ND	ND					
			2/17/09	--	413,310	92,930	--								
			5/5/11	2/19/10	480,270	66,960	6.3	ND	ND	ND					
			7/11/13	10/24/13	615,620	135,350	Eff. Only								
			2/5/15	3/27/15	691,900	76,280	3.3	ND	ND	ND					
			3/1/17	3/28/17	735,130	43,230	3	ND	ND	ND					
			2/13/19	3/14/19	871,690	136,560	2.4	ND	ND	ND	ND	ND			
3/12/21	5/20/21	935,000	63,310	2.5	ND	ND	ND	ND	ND						
952 Sadie's Lane John & Cherry Cosentino Well: RJ233 Has sign--sprinkler system	JL-100 Every 2 yrs Jan./11		04/02/03	01/21/03	0	0	7.5	ND	ND	ND					
			03/08/04	05/06/03	108,820	108,820	7.8	ND	ND	ND					
			01/24/05	03/31/04	179,910	71,090	Eff. Only								
			01/20/06	02/24/05	232,430	52,520	Eff. Only								
			01/19/07	04/09/06	312,280	79,850	Eff. Only								
			2/5/08	7/20/07	370,480	58,200	4.9	ND	ND	ND					
			2/17/09	--	422,950	52,470	--								
			3/7/13	5/22/13	638,580	215,630	Eff. Only								
			2/23/15	3/26/15	767,120	128,540	3	ND	ND	ND					
			2/7/17	3/22/17	909,770	142,650	2.1	ND	ND	ND					
			3/20/19	6/3/19	1,045,590	135,820	1.9	ND	ND	ND	ND	ND			

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Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
957 Sadie's Lane Todd Carlson Well: QQ138 switch to JL-100	JL-300 Every 2 yrs Jan./11		03/07/02 02/27/04 02/21/05 02/22/07 4/17/09 3/16/12 3/7/13 4/8/16 3/27/19 3/26/21	12/20/01 4/18/02 03/31/04 04/01/05 4/15/08 3/7/13 4/11/17	0 63,410 92,060 163,450 236,660 426,500 485,828 664,500 844,800 979,930	0 63,410 28,650 71,390 73,210 189,840 59,328 178,672 180,300 135,130	6.3 6.4 Eff. Only Eff. Only 4.3 2.9 2.3	<0.64> ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND					Vol.	
958 Sadie's Lane Dan Blodgett Well: QQ130	JL-300 Every 2 yr Jan./11 JL-100		06/11/02 09/27/05 02/09/07 2/17/09 2/5/10 3/30/11 1/31/14 2/24/16 2/16/18 3/5/21	2/21/02 6/17/02 11/03/05 7/20/07 -- 10/5/11 3/5/14 4/11/16 4/16/18 3/5/21	0 60,090 184,450 479,970 573,080 606,560 801,510 939,090 1,062,560 1,207,390	0 60,090 124,360 295,520 93,110 33,480 194,950 137,580 123,470 144,830	4.5 5.9 Eff. Only 2.8 -- -- Eff. Only ND 0.98	ND ND ND ND -- -- ND ND ND	ND ND ND ND -- -- ND ND ND					Vol.	
963 Sadie's Lane Phil & Lynda Johnson Well: QQ139	JL-300 Every 1 yr Jan./11		05/14/02 06/02/04 03/11/05 03/02/06 03/23/07 7/9/08 4/29/09 1/28/10 4/21/11 5/1/12 4/17/13 4/18/14 5/20/15 3/28/17 4/5/19 3/29/21	01/22/02 5/14/02 06/15/04 04/01/05 -- 7/23/07 -- -- -- -- -- -- -- -- 7/24/19	0 83,890 139,680 180,020 227,330 318,490 372,530 409,770 454,140 488,120 531,150 570,130 611,090 202868? 748,260 791,610	0 83,890 55,790 40,340 47,310 91,160 54,040 37,240 44,370 33,980 43,030 38,980 40,960 - - 43,350	7.4 7.3 Eff. Only Eff. Only 5.8 -- -- -- -- -- -- -- -- 1.1	<1.1> <1.0> -- -- -- -- -- -- -- -- -- -- -- -- -- -- --	ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND ND					Vol. Vol.	
964 Sadie's Lane Ed & Vanda Rankin Well: RJ270 switch to JL-100	JL-300 Every 2 yrs Jan./11		06/03/03 02/20/04 02/21/05 02/23/07 3/9/09 4/8/11 2/10/14 3/28/16 5/17/18 6/9/20	03/07/03 06/27/03 03/31/04 05/13/05 7/23/07 4/9/13 5/20/14 9/23/16	0 63,760 108,880 168,400 238,540 310,630 405,320 502,860 820,630 718,070	0 63,760 45,120 59,520 70,140 72,090 94,690 97,540 317,770 ?	4.7 <0.99> Eff. Only Eff. Only 2.0 0.98 Eff. Only ND	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND						

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal.	Influent Detects					Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)	
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7						
848 Yellowstone Trail Jayne & Todd Mullinax [Redacted] Well: BM128 Hydrant in chicken coup is unfiltered. switch to JL-100 LRT is no longer responsible for GACS	JL-100 Every 2 yrs Jan./12 JL-300	1	9/18/96	9/18/96			ND	ND	ND	ND					PCE PCE	
			2/24/97	02/20/97	0	0	ND	ND	ND	ND						
			2/23/98	02/14/98	69,250	69,250	ND	ND	ND	ND						
			4/22/99	04/06/99	125,660	56,410	ND	ND	ND	ND						
			2/9/01	01/19/01 Fe	214,310	88,650	ND	<0.85>	ND	ND						
			3/7/01				ND	<0.68>	ND	ND						
			08/21/01	08/30/01	248,503	34,193	Eff. Only		ND	ND						
			06/17/02	05/09/02	276,600	28,097	ND	ND	ND	ND						
			06/08/04	04/22/04	373,120	96,520	ND	ND	ND	ND						
			--	02/28/06	473,020	99,900	--	--	--	--						
			6/9/08	2/14/08	585,150	112,130	ND	ND	ND	ND						
			--	3/25/10	674,660	89,510	--	--	--	--						
			--	4/24/12	752,160	77,500	--	--	--	--						
			--	7/20/15	789,980	37,820	--	--	--	--						
			9/3/20	4/17/17	829,200	39,220	ND	ND	ND	ND						
			9/3/20	7/30/20	943,650	114,450	ND	ND	ND	ND	0.50 J	ND	ND	ND		
			856 Yellowstone Trail Nate and Jen Kowalsky [Redacted] Well: MF876 Inf. and Eff.	JL-300 Every 1 yr Aug./11	1	1/19/98	1/19/98			1.6	<0.9>	ND	ND			
4/20/98	04/10/98	0				0	1.8	<0.9>	<0.5>	ND	ND					
7/8/99	05/06/99	74,010				74,010	3.5	1.3	<0.88>	ND	ND					
--	11/16/99	112,530				38,520	--	--	--	--						
8/23/00	07/20/00	168,120				55,590	3.9	1.1	ND	ND						
4/12/01	03/27/01	223,240				55,120	4.5	1.3	<0.54>	ND	ND					
07/26/01	07/24/01	269,780				46,540	4.3	1.1	ND	ND						
4/4/02	03/01/02	370,896				101,116	5.0	<0.9>	ND	ND						
08/27/02	07/25/02	437,180				66,284	3.9	<0.78>	ND	ND						
02/07/03	01/16/03	522,530				85,350	6.6	<1.2>	ND	ND						
08/22/03	08/05/03	610,410				87,880	4.2	<0.83>	ND	ND						
10/30/03	10/14/03	653,590				43,180	Eff. Only	--	--	--						
04/27/04	04/01/04	698,810				45,220	4.5	<0.68>	ND	ND						
09/30/04	09/08/04	754,250				55,440	Eff. Only	--	--	--						
03/15/05	02/15/05	795,750				41,500	Eff. Only	--	--	--						
08/31/05	07/07/05	832,970				37,220	4.2	<0.75>	ND	ND						
11/03/05	09/20/05	849,120				16,150	Eff. Only	--	--	--						
--	06/05/06	894,360				45,240	--	--	--	--						
--	10/24/06	920,280				25,920	--	--	--	--						
--	9/21/07	1,025,280				105,000	--	--	--	--						
--	6/19/08	1,049,830				24,550	--	--	--	--						
--	10/22/08	1,081,500				31,670	--	--	--	--						
9/17/12	4/21/10	1,158,510				77,010	3.8	<0.58>	ND	ND						
3/18/14	9/12/12	1,301,450	142,940	4.2	ND	ND	ND									
5/15/15	1/22/14	1,473,340	171,890	Eff. Only	--	--	meter reading when sampled									
--	2/10/15	1,573,630	100,290	3.9	ND	ND	ND									
--	4/4/16	1,695,350	121,720	--	--	--	--									
--	12/13/19	2,152,920	457,570	--	--	--	--									

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag		
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)	
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7						
877 Yellowstone Trail Tim Mackey ██████████ Well: XG931	JL-100 Every 1 yr Dec/14	1	12/19/13 7/18/16 7/31/17 8/28/18 6/4/21	11/11/13 1/20/14 9/13/17 11/1/18 8/24/21	3,830 160,770 242,420 282,150 371,470	Raw water 156,940 81,650 39,730 89,320	1.1 Eff. Only ND Eff. Only	ND ND	ND ND	ND ND					Benzene	
878 Yellowstone Trail Jeremiah & Traci Otting ██████████ Well: XM682 180' deep LRT is no longer responsible for GACS	JL-100 Every 1 yr 16-Jun	1 1	4/1/15 7/7/16 6/20/17 8/14/18 8/7/19 12/17/20	3/9/15 4/22/15 11/10/16 8/11/17 10/4/18 9/20/19 1/25/21	2,830 80,850 128,510 198,450 258,430 332,410	Raw water 2,830 78,020 47,660 69,940 59,980 73,980	ND ND ND Eff. Only ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	0.70 J ND	ND ND	- -	- -			
879 Yellowstone Trail Tomm & Pamela Geistfeld ██████████ (water is not filtered) Pond is well fed, unfiltered Well: YC126			- - - -	8/1/17 7/23/18 6/12/19 7/8/20	- - - -	Raw water - - -	1 0.49 1.1 0.77	ND ND ND ND	ND ND ND ND	0.44 J ND	ND	- -	- -			
881 Yellowstone Trail Rick Hanson ██████████ Well: VH945 180' deep	JL-100 Every 2 yr 14-Apr	1 1	3/16/12 6/14/16 - 12/9/19 8/27/20	7/25/12 - 11/25/19 -	9,400 131,050 - 308,200 325,690	9,400 121,650 - 177,150 17,490	1.3 0.86 -	ND ND -	ND ND -	ND ND -	ND ND -	ND ND -	ND ND -	ND ND -		
882 Yellowstone Trail Larry and Steph DeVoss ██████████ New Owner 9/2020: Pete Komoro ██████████ Well: XP742 180' deep	JL-100 Every 1 yr April/16 Every 2 yrs	1 1	3/27/15 7/7/16 5/11/17 10/18/19 1/6/21	2/24/15 4/10/15 11/9/16 6/20/17 12/3/19 1/7/21	1,550 83,330 127,650 265,450 324,310	Raw water 1,550 81,780 44,320 137,800 58,860	1.4 0.67 ND 0.38 0.29 J 0.19 J	ND ND ND ND ND ND	ND ND ND ND ND ND	0.79 J ND	ND ND	- -	- -			

TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
872 Young Road Bob & Mary Esch Well: LD759	JL-100 Every 1 yr July/11		02/09/99	11/04/98	0	0	1.8	ND	ND	ND					
			01/25/00	2/25/99	141,060	141,060	1.8	ND	ND	ND					
			11/28/00	03/06/00	286,670	145,610	1.4	ND	ND	ND					
			01/22/02	12/06/00	455,327	168,657	1.3	ND	ND	ND					
			11/12/02	01/22/02	564,940	109,613	1.0	ND	ND	ND					
			07/15/03	11/14/02	652,490	85,550	1.4	ND	ND	ND					
			02/26/04	07/18/03	777,210	124,720	Eff. Only								
			07/23/04	04/01/04	849,460	72,250	Eff. Only								
			01/19/05	08/16/04	912,680	63,220	Eff. Only								
			07/13/05	02/23/05	997,600	84,920	Eff. Only								
			01/24/06	08/09/05	1,113,610	116,010	1.2	ND	ND	ND					
			7/18/06	02/20/06	1,199,580	85,970	--								
			01/19/07	--	1,255,250	55,670	--								
			07/26/07	--	1,311,350	56,100	--								
			7/29/08	--	1,413,590	102,240	--								
			8/17/09	--	1,531,430	117,840									
			7/19/10	--	1,637,420	105,990									
			8/3/11	--	1,787,220	149,800									
			7/10/12	7/25/12	1,867,270	80,050	1.1	ND	ND	ND					
			7/9/13	10/24/13	1,951,500	84,230	Eff. Only								
			7/15/14	11/26/14	2,103,550	152,050	Eff. Only								
			7/20/15	8/11/15	2,185,580	82,030	0.87	ND	ND	ND					
			7/13/16	11/10/16	2,310,450	124,870	0.9	ND	ND	ND					
8/1/17	9/6/17	2,370,430	59,980	0.75	ND	ND	ND								
7/26/18	10/4/18	2,466,830	96,400	Eff. Only											
7/25/19	9/20/19	2,536,180	69,350	0.67	ND	ND	ND	ND	ND	-	-				
10/9/20	12/8/20	2,609,880	73,700	0.46 J	ND	ND	ND	ND	ND	-	-				
10/29/21	10/29/21	2,691,860	81,980												
878 Young Road Dave Plansky Well: NV377	JL-100 Every 2 yr Jan./11	1	08/11/00	03/07/00	0	0	3.2	ND	ND	ND					
			12/13/01	08/21/00	151,480	151,480	3.6	ND	ND	ND					
			01/25/03	12/20/01	214,050	62,570	7.3	ND	ND	ND					
			02/20/04	02/07/03	329,910	115,860	Eff. Only								
			01/24/05	04/01/04	432,800	102,890	Eff. Only								
			03/03/06	02/26/05	547,270	114,470	--								
			01/23/07	--	674,650	127,380	3.9	ND	ND	ND					
			9/19/08	7/19/07	922,490	247,840	--								
			2/26/10	--	1,049,250	126,760									
			10/14/16	--	1,356,660	307,410									
			10/17/17	12/22/17	1,385,160	28,500	Eff. Only								
			11/26/18	--	1,413,490	28,330									
			11/20/19	8/28/20	1,438,130	24,640	1.8	ND	ND	ND	ND	ND	ND	ND	

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule*	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
884 Young Road Tony & Lori Jurek Well: OF932	JL-300 Semi-Ann. Jan./July		05/30/01	3/21/01	0	0	17	ND	ND	ND					
			7/12/01	7/12/01	0	0	18	ND	ND	ND					
			09/13/01	10/18/01	149,160	149,160	16	ND	ND	ND				Vol.	
			02/15/02	02/21/02	178,773	29,613	15	ND	ND	ND					
			07/30/02	08/27/02	252,290	73,517	17	ND	ND	ND				Vol.	
			01/14/03	01/31/03	292,830	40,540	Eff. Only								
			07/24/03	[08/22/03]	348,870	56,040	Eff. Only								
			03/19/04	04/01/04	449,950	101,080	Eff. Only							Vol.	
			07/21/04	08/16/04	508,290	58,340	Eff. Only								
			11/19/04	11/19/04	552,180	43,890	Eff. Only								
			04/27/05	08/18/05	591,760	39,580	Eff. Only								
			08/24/05	08/31/05	631,340	39,580	Eff. Only								
			11/02/05	12/14/05	649,760	18,420	Eff. Only								
	04/07/06	--	685,530	35,770	--										
	07/18/06	--	724,640	39,110	--										
	11/10/06	--	745,570	20,930	--										
	04/26/07	--	782,680	37,110	--										
	7/24/07	--	832,880	50,200	--										
	11/7/07	--	836,670	3,790	--										
	8/20/08	--	905,240	68,570	--										
	2/17/09	--	942,400	37,160	--							Vol.			
	2/9/10	4/7/10	1,022,390	79,990	13		ND	ND	ND			Vol.			
	7/28/10	--	1,058,630	36,240											
	5/5/11	--	1,113,850	55,220											
	6/4/12	9/10/12	1,179,910	66,060	10		ND	ND	ND			Vol.			
	4/29/13	6/24/13	1,236,520	56,610	Eff. Only										
8/20/13	11/11/13	1,258,230	21,710	Eff. Only											
7/15/14	12/18/14	1,307,450	49,220	Eff. Only											
10/8/15	2/10/16	1,351,000	43,550	13		ND	ND	ND							
2/11/16		1,391,000	40,000												
2/15/17		1,429,150	38,150												
8/2/17		1,468,540	39,390												
	9/13/17	1,472,230	3,690	8		ND	ND	ND							
	2/1/18	1,491,278	22,738	Eff. Only											
	9/21/18	1,502,350	30,120	8.6		ND	ND	ND							
	4/16/19	1,543,840	52,562	7.4		ND	ND	ND	ND		ND				
	-	-	-	6.7		ND	ND	ND	ND	ND	-				
	2/6/20	-	-	5.4		ND	ND	ND	ND	ND	ND				
	5/13/21	1,636,650	60,050	5.2		ND	ND	ND	ND	ND	ND				
887 Young Road Pete & Janine Wildes Well: MP152	JL-100 Every 2 yrs Jan./11	1	03/01/99	12/18/98	0	0	7.2	ND	ND	ND					
				03/25/99	13,230	13,230	8.0	ND	ND	ND					
				07/08/99	68,390	68,390	7.5	ND	ND	ND					
				12/20/00	68,390	68,390	8.8	ND	ND	ND					
				10/14/02	146,100	77,710	7.7	ND	ND	ND					
				02/23/04	245,140	99,040	Eff. Only								
				01/24/05	310,520	65,380	Eff. Only								
				01/27/06	375,100	64,580	--								
				01/30/07	457,460	82,360	5.2		ND	ND	ND				
				1/23/08	524,100	66,640									
				2/20/09	606,880	82,780									
				1/26/10	678,000	71,120									
				3/2/12	7/25/12	839,280	161,280	3.9		ND	ND				
				1/29/14	2/11/14	989,710	150,430	Eff. Only					ND	ND	
				2/20/15	3/26/15	1,056,780	67,070	Eff. Only					ND	ND	
	1/28/16	4/4/16	1,113,980	57,200	4.5		ND	ND							
	2/10/17	4/3/17	1,173,560	59,580	3.7		ND	ND	ND						
	2/9/18	3/30/18	1,215,810	42,250	3.7		ND	ND	ND						
	3/4/19	4/8/19	1,240,810	25,000	2		ND	ND	ND	ND	ND				
	5/12/21	6/4/21	1,312,370	71,560	1.9		ND	ND	ND	ND	-				

**TABLE 12
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS WITHIN THE SWCDA
Junker Sanitary Landfill FID # 656026800**

Location and Sampling Schedule ⁺	GAC Filter System + Exchange Schedule	No. of Tanks Changed	GAC Filter Installation or Exchange Date	Sampling Date	Culligan Meter Reading (gal.)	Volume Used (gal.) JL-100=127,620 gal. JL-300=59,000/127,620 gal	Influent Detects					Effluent Detects		Flag	
							TCE (ppb)	PCE (ppb)	1,1,1-TCA (ppb)	1,1-DCE (ppb)	R-11 (ppb)	Chloroform (ppb)	Chloroform (ppb)		TCE (ppb)
							JL-100=11.5 JL-300=33.3/11.5	JL-100=NA JL-300=2.5	JL-100=15.8 JL-300=51.2/15.8	JL-100=NA JL-300=5.7					
896 Young Road Chris & Erica Matson Well: NG791 (200')	JL-300 Semi-Ann. May/Nov		10/14/99	08/26/99			22	ND	ND	ND					
			'02/11/00	10/14/99	0	meter installed	--	--	--	--					
			08/15/00	08/21/00	71,200	71,200	21	ND	ND	ND					
			11/30/00	12/06/00	95,325	22,880	23	ND	ND	ND					
			05/10/01	7/12/01	124,780	29,455	18	ND	ND	ND					
			11/13/01	12/20/01	200,796	76,016	21	ND	ND	ND				Vol.	
			07/16/02	07/22/02	258,306	57,510	25	ND	ND	ND					
			01/27/03	02/07/03	305,070	46,764	Eff. Only								
			07/24/03	08/22/03	345,790	40,720	Eff. Only								
			06/04/04	06/15/04	425,700	79,910	Eff. Only							Vol.	
			11/19/04	02/22/05	487,840	59,770	Eff. Only							Vol.	
			07/29/05	08/18/05	545,960	58,120	Eff. Only								
			06/23/06	--	632,820	86,860	--							Vol.	
			01/05/07	5/9/07	715,770	82,950	16	ND	ND	ND				Vol.	
			08/07/07	--	832,440	103,280	--							Vol.	
			3/7/08	--	898,210	65,770	--							Vol.	
			6/26/08	--	937,640	39,430	--								
			11/13/08	--	985,550	47,910	--								
			3/20/09	--	1,034,170	48,620	--								
			8/3/09	--	1,082,940	48,770	--								
			11/18/09	--	1,103,190	20,250	--								
			5/11/10	--	1,132,680	29,490	--								
			10/19/10	--	1,162,310	29,630	--								
			1/24/12	8/7/12	1,287,760	125,450	13	ND	ND	ND				Vol.	
			9/25/12	--	1,294,250	131,940	--							Vol.	
			5/28/13	--	1,328,670	34,420	--								
			11/4/13	1/20/14	1,383,690	55,020	Eff. Only								
			6/16/14	--	1,437,450	53,760	--								
			12/16/14	--	1,472,840	35,390	--								
			7/23/15	--	1,515,450	42,610	--								
11/4/15	--	1,535,870	20,420	--											
7/28/16	--	1,571,650	35,780	--											
5/17/17	--	1,576,700	5,050	--											
12/3/18	7/2/19	1,643,780	67,080	5.8	ND	ND	ND	ND	ND	ND	ND				
8/27/19	-	1,670,280	26,500	--											
JL-100	2	5/6/21	6/22/21	1,759,050	88,770	6.4	ND	ND	ND	ND	ND	ND			

Notes:

TCE = Trichloroethylene
PCE = Tetrachloroethylene
1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCE = 1,1-Dichloroethene
R-11 = Trichlorofluoromethane, Fluorotrichloromethane, Freon11
ppb = parts per billion, equivalent to micrograms per liter (ug/L)
ND = No Detection
NA = Not Applicable
-- = Sample was not collected
< > = Contaminant concentrations were detected below the quantifiable limit
J Flag = Reported value was between the limit of detection and the limit of quantitation
" Well: XX001-XX004" etc. are arbitrary WI Unique Well Numbers
Meter zeros at 10,000,000 gallons
JL-100 and JL-300 specification limits are listed under headers for Volume Used and the four tracked contaminants.
Jan./July--The tick marks indicate that the influent gets sampled in July.
/ / c = Col. Bact. Sampled w/ VOCs Inf.

Road Restrictions

Warren Township: Richard Meyer 715-749-3994
Hudson: Jeff Johnson 715-386-2623.

Culligan 800-237-4117
County (Renee) 715-386-4671
1301 Coulee Rd, Hudson, WI
April Norby 651-439-2636
1435 Curve Crest Blvd, Stillwater, MN

Edina Realty/Kernon Bast 715-386-8236
Jason Bast, 400 S. 2nd St. 651-324-1147 (cell)
Adam Bast/Edina Realty 715-386-0255
612-803-2064

Bob Swanson 651-247-7030
Dan Brown Builders 651-387-6172

Sweetgrass Properties LLC:
Dick & Jane Stout (Owner) 715-781-5250
1353 Awatukee Tr., Hudson, WI
John Prassas (Prop. Man.) 715-222-1811
PO Box 145, Hudson, WI

LaCasse Custom Homes 612-366-4191
573 County Rd A, Hudson, WI

Marquette Homes:
Doug 651-248-8975
Earl Meckelke 715-381-4257
Bill Sherman 715-760-0814

Croix Rental Mgmt:
Marcy 715-381-2296

Oevering Homes:
Brandon Perry-General Manager
Dan Payne-New Home Sales Consultant
dan@oeveringhomes.com
1433 Cernohous Ave. Ste. A
New Richmond WI 54017
715-243-0001

Hillside Trail Townhomes LLC
Cory Breunig
767 McCutcheon Road, Hudson, WI

Marshal Associates
Marion Shaw
726 E Hwy 12 Unit # 102, Hudson, Wisconsin
715-381-1590

Table 13
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS OUTSIDE THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	Sampling Date	Influent Detects					
		TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)
863 Daisy Circle Andy Wagner [REDACTED] Well is not inside the SWCA water is not filtered Well: FP259	6/15/2016 7/23/2018 8/27/2019 8/4/2020	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND ND
889 Gavin Pass Eric Paine [REDACTED] water is not filtered Well: ZY434	10/13/2020	ND	ND	ND	ND	ND	ND
892 Gavin Pass Mark Witzel water is not filtered Well: AAG076	2/17/2021	ND	ND	ND	ND	ND	ND
1003 Labarge Road Kelly Goldbeck [REDACTED] water is not filtered Well: NB139	12/28/2020	ND	ND	ND	ND	ND	ND
709 Packer Drive John Wright [REDACTED] water is not filtered Well: NL235	12/8/2020	ND	ND	ND	ND	ND	ND
713 Packer Drive Maggie [REDACTED] water is not filtered Well: XX005	12/8/2020	ND	ND	ND	ND	ND	ND
717 Packer Drive Dan & Jodi Brunzel [REDACTED] water is not filtered Well: NB113	11/25/2019	0.5	ND	ND	ND	ND	ND
726 Packer Drive Tim Ecker [REDACTED] water is not filtered Well: NL454	12/8/2020	ND	ND	ND	ND	ND	ND
735 Packer Drive David & Jill Berger [REDACTED] water is not filtered Well: NL462	11/20/2019	ND	ND	ND	ND	ND	ND
736 Packer Drive Jon Lohman [REDACTED] water is not filtered Well: NB127	12/8/2020	ND	ND	ND	ND	ND	ND

Table 13
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS OUTSIDE THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	Sampling Date	Influent Detects					
		TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)
737 Packer Drive Patty Schoeder [REDACTED] water is not filtered Well: NL372	12/14/2020	ND	ND	ND	ND	ND	ND
756 Packer Drive Jill Hughes [REDACTED] water is not filtered Well: RP058	11/20/2019	ND	ND	ND	ND	ND	ND
1000 Scott Road Nicole Howe [REDACTED] water is not filtered Well: MP153	12/21/2020	ND	ND	ND	ND	ND	ND
1005 Scott Road Laurie Johnson [REDACTED] water is not filtered Well: XX006	11/25/2019	0.52	ND	ND	ND	ND	ND
1015 Scott Road Kori & Carl Land [REDACTED] water is not filtered Well: XX007	1/7/2021	ND	ND	ND	ND	ND	ND
1021 Scott Road Beverly & Bob Larsen [REDACTED] water is not filtered Well: UV874	1/18/2021	ND	ND	ND	ND	ND	ND
1009 Tanney Lane Lynn Klein [REDACTED] water is not filtered Well: XX008	12/8/2020	ND	ND	ND	ND	ND	ND
663 Todd Lane Jeff Simons [REDACTED] water is not filtered Well: XX009	12/8/2020	ND	ND	ND	ND	ND	ND
887 Trail 12 Lynn Lawrence [REDACTED] water is not filtered Well: FJ475	12/21/2020	ND	ND	ND	ND	ND	ND
891 Trail 12 Brian Babka [REDACTED] water is not filtered Well: XX010	12/14/2020	ND	ND	ND	ND	ND	ND

Table 13
SUMMARY OF PRIVATE WELL ANALYTICAL RESULTS OUTSIDE THE SWCDA
Junker Sanitary Landfill FID # 656026800

Location and Sampling Schedule*	Sampling Date	Influent Detects					
		TCE (ppb) JL-100=11.5 JL-300=33.3/11.5	PCE (ppb) JL-100=NA JL-300=2.5	1,1,1-TCA (ppb) JL-100=15.8 JL-300=51.2/15.8	1,1-DCE (ppb) JL-100=NA JL-300=5.7	R-11 (ppb)	Chloroform (ppb)
892 Trail 12 Ashley Cook [REDACTED] water is not filtered Well: XX011	12/21/2020	ND	ND	ND	ND	ND	ND
850 Young Road Julie Graber [REDACTED] water is not filtered Well: XX012	12/14/2020	ND	ND	ND	ND	ND	ND

Notes:

Private wells are located outside of the SWCDA and are not included in regular monitoring schedule.

TCE = Trichloroethylene

PCE = Tetrachloroethylene

1,1,1-TCA = 1,1,1-Trichloroethane

1,1-DCE = 1,1-Dichloroethene

R-11 = Trichlorofluoromethane, Fluorotrichloromethane, Freon11

ppb = parts per billion, equivalent to micrograms per liter (ug/L)

ND = No Detection

- = Sample was not collected

J Flag = Reported value was between the limit of detection and the limit of quantitation

"Well: XX001-XX004" etc. are arbitrary WI Unique Well Numbers

JL-100 and JL-300 specification limits are listed under headers for Volume Used and the four tracked contaminants.

APPENDIX A

LANDFILL MONITORING TASKS

TASK 1
WEEKLY MONITORING/SAMPLING REQUIREMENTS

Cedar Corporation
 Junker Landfill Gas Extraction System

Task Description	Comments
<u>FENCED AREA AT FLARE BUILDING</u>	
Check blower/flare for vandalism and check flame sensor	Clean UV flame sensor - system must be shut down and auto dialer disabled.
Measure oxygen (O ₂), methane (CH ₄), carbon dioxide (CO ₂), and balance gas at blower.	Sample port downstream of valve, downstream of blower - use Landtec GEM-500 gas monitor
Record blower pressure reading	Gauge on header line upstream of valve, upstream of blower - inches of water
Record header line pressure reading	Sample port on header line upstream of valve, upstream of blower - inches of water - use GEM-500 gas monitor
Measure gas temperature	Sample port downstream of valve, downstream of blower - use thermometer
Measure/calculate gas flow and velocity at blower	Sample port downstream of valve, downstream of blower - use anemometer
Measure static pressure after blower	Sample port downstream of valve, downstream of blower - use GEM-500 gas monitor
Check blower/flare fasteners	See Operation and Monitoring Manual
Check explosion relief valve operation	See Operation and Monitoring Manual - system must be shut down and auto dialer disabled
Measure and record condensate/leachate depth in tank	Underground tank adjacent to and north of fenced area--dispose if >3,000 gallons. Condensate/leachate hauled by Pinky's Sewer Service, Lakeland, MN (651-436-5788) to Hudson, WI, WWTP (715-386-4767).
Lubricate blower motor	See Operating and Maintenance Manual

TASK 1 (Continued)
WEEKLY MONITORING/SAMPLING REQUIREMENTS

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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LANDFILL LEACHATE EXTRACTION WELL

Record pressure, drawdown and cycling time for each pump

LANDFILL CAP - Record Following Observations

Condition of ground: frozen/wet soils, ponding water, stressed vegetation, leachate seep, etc.

ATMOSPHERIC DATA

Record ambient temperature, barometric pressure, and barometric pressure trend

Obtain from the National Weather Service at Minneapolis-St. Paul International Airport; Phone (952-361-6680 for recording or -6708)

SAMPLING OF PRIVATE WATER SUPPLY WELLS

Sample influent within two weeks of initial GAC filter installation for VOCs (EPA Method 8021 or 8260). In addition, sample effluent if TCE has been previously detected at or above 2.0 ug/L. If TCE has previously been detected below 2.0 ug/L, sample effluent every 3rd filter change-out.

Laboratory results are to be sent to the well owner/consumer.

COMMUNITY RELATIONS

Respond to inquiries and concerns as they arise

<p>Note: Above task information revised from the Junker Landfill Remedial Investigation Report by Wenck Associates, Inc., date 4/95. Last revised 01/2020.</p>

TASK 2
BI-WEEKLY MONITORING/SAMPLING REQUIREMENTS

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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Task 1 -- Weekly Monitoring/Sampling Requirements, plus the following:

FENCED AREA AT FLARE BUILDING

Calculate extracted gas volumes at blower

See Operating and Maintenance Manual

SAMPLING OF PRIVATE WATER SUPPLY WELLS

Continue scheduling and sampling private water supply wells and report laboratory analytical results to the well owner/consumer

<p>Note: Above task information revised from the Junker Landfill Remedial Investigation Report by Wenck Associates, Inc., date 4/95. Last revised 01/2020.</p>

TASK 3
MONTHLY MONITORING/SAMPLING REQUIREMENTS

Cedar Corporation
 Junker Landfill Gas Extraction System

Task Description	Comments
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Task 1 -- Weekly Monitoring/Sampling Requirements

Task 2 -- Bi-Weekly Monitoring/Sampling Requirements, plus the following:

FENCED AREA AT FLARE BUILDING

Exercise valves at blower	See Operation and Maintenance Manual
Measure pressure drop across flame arrestor. Record down-stream pressure as pressure to flare also.	Sample ports on opposite sides of flame arrestor - inches of water

GAS MEASUREMENTS

Gas Probes -GMW-6S, 6M, 6D and GMW-8S (add GMW-5S, 5M, 5D and GMW-8M and 8D if GMW-6 or GMW-8S has methane; add the remaining probes from GMW-3 through GMW-10 if either GMW-5S, 5M, 5D, GMW-8M or 8D also has methane)

Measure probe vacuum, record static pressure; Measure probe O ₂ , CH ₄ , and CO ₂ , balance gas	Probe Head Connection-use GEM-500 gas monitor Electronic submittal to Madison quarterly
---	--

Inspect probe for repair/maintenance

Gas Extraction Wells - GEW-3, GEW-5 through GEW-12, and GEW-19 through GEW-21

Measure well-head vacuum	Well Head Sample Port - use GEM-500 gas monitor
Measure lateral vacuum at well head	Lateral Sample Port - use GEM-500 gas monitor
Measure well-head temperature	Lateral Sample Port - use thermometer. Measure at well-head port if possible, only use lateral sample port if well head sample port has physical constraints or measurements at the two sample ports have been shown to be the same by comparison
Measure well head O ₂ , CH ₄ , CO ₂ and balance gas	Lateral Sample Port - use GEM-500 gas monitor Wells that have valve closed - open valve and purge well for minimum of two minutes prior to taking readings
Measure/calculate well head gas flow and velocity	Lateral Sample Port - use anemometer
Check and record valve opening on wells	
Drain lines at GEW-3, GEW-5 and GEW-6	Electronic data submittal to Madison quarterly

TASK 3 (Continued)
MONTHLY MONITORING/SAMPLING REQUIREMENTS

Cedar Corporation
 Junker Landfill Gas Extraction System

Task Description	Comments
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LEACHATE MEASUREMENTS

Gas Extraction Wells - GEW-7 through GEW-10, and GEW-21

Measure leachate depths at well head; perform measurements listed above first	Manually run pumps at GEW-7 through GEW-10 for 5 minutes, then shut off pumps at GEW-7 through GEW-10. Measure leachate depth in these wells last. Valve off gas flow before removing the fitting at the access portal, see O & M Plan
---	--

Leachate Extraction Well - LEW-1

Measure leachate depth at well head	Turn pump off before leachate measurements begin. Measure leachate here after other wells have been measured
-------------------------------------	--

Inspect well head for vandalism, etc.	Electronic submittal to Madison quarterly
---------------------------------------	---

Inspect well-head piping

LANDFILL CAP - Record Observations

Differential Settling	Annual Repair
Erosion	If major, repair immediately
Vegetative deterioration/dead areas and growth	Semi-annually repair
Condition of access road	Repair as needed
Condition of drainage-way, spillways, erosion-control structures, and devices	Repair as needed
Effectiveness of infiltration basins based on monthly precipitation amounts	Note significant changes in water depth
Leachate seeps--inspect for and if present sample for SVOCs (Method 8270) and RCRA metals (ICP)	

TASK 3 (Continued)
MONTHLY MONITORING/SAMPLING REQUIREMENTS

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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SAMPLING OF PRIVATE WATER SUPPLY WELLS

Continue scheduling and sampling private water supply wells and report laboratory analytical results to the well owner/consumer

Confirm scheduling of filter exchanges with Culligan. Then arrange sampling schedules with well owners.

MISCELLANEOUS

Buildings	Note damage
Site Fence	Note damage
Culverts	Note damage or plugging
Garbage Accumulation/Removal	Removal to be performed annually
Snow Removal	Removal to be performed as required to permit access to perform O & M tasks.
Mowing	Mowing to be performed two times per year
Condition of concrete pads	Note damage
Condition of telephone and electrical services	Changes made if any

Note: Above task information revised from the Junker Landfill Remedial Investigation Report by Wenck Associates, Inc., dated 4/95. Last revision: 01/2020.

TASK 4
QUARTERLY MONITORING/SAMPLING REQUIREMENTS
(March, June, September, December)

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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- Task 1 -- Weekly Monitoring/Sampling Requirements**
Task 2 -- Bi-Weekly Monitoring/Sampling Requirements
Task 3 -- Monthly Monitoring/Sampling Requirements, plus the following:

FENCED AREA AT FLARE BUILDING

Confirm seals in both driplegs - sediment not obstructing "U" position	Landfill
--	----------

GAS MEASUREMENTS

Gas Probes - GMW-1A, 1B, 2A, 2B, 3, 4A, 4B, 5S, 5M, 5D, 6S, 6M, 6D, 7, 8S, 8M, 8D, 9, 10, MW-4, MW-7 and MW-13

Measure probe vacuum, record static pressure; Measure probe O ₂ , CH ₄ , and CO ₂ , balance gas	Probe Head Connection-use GEM-500 gas monitor Electronic submittal to Madison quarterly
---	--

Inspect probe for repair/maintenance

Gas Extraction Wells -GEW-1 through GEW-15, and GEW-17 through GEW-21

Measure well-head vacuum	Well Head Sample Port - use GEM-500 gas monitor
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Measure lateral vacuum at well head	Lateral Sample Port - use GEM-500 gas monitor
-------------------------------------	---

Measure well-head temperature	Lateral Sample Port - use thermometer. Measure at well-head port if possible, only use lateral sample port if well head sample port has physical constraints or measurements at the two sample ports have been shown to be the same by comparison
-------------------------------	---

Measure well head O ₂ , CH ₄ , CO ₂ and balance gas	Lateral Sample Port - use GEM-500 gas monitor Wells that have valve closed - open valve and purge well for minimum of two minutes prior to taking readings
--	---

Measure/calculate well head gas flow and velocity	Lateral Sample Port - use anemometer
---	--------------------------------------

Check and record valve opening on wells

Drain lines at GEW-3, GEW-5 and GEW-6 Electronic data submittal to Madison quarterly

TASK 4 (Continued)
QUARTERLY MONITORING/SAMPLING REQUIREMENTS
(March, June, September, December)

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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LEACHATE MEASUREMENTS

Gas Extraction Wells - GEW-1 through GEW-15, and GEW-17 through GEW 21

Measure leachate depths at well head; perform gas measurements listed above first	Measure leachate depth in these wells last.
---	---

Leachate Head Wells - LHW-1, 2, 3 and 4

Measure leachate depths at well head	Electronic submittal to Madison quarterly
Inspect well head for vandalism, etc.	

Leachate Extraction Well - LEW-1

Measure leachate depth at well head	Turn pump off before leachate measurements begin. Measure leachate here after other wells have been measured
-------------------------------------	--

Inspect well head for vandalism, etc.	
Inspect well-head piping	Electronic submittal to Madison quarterly

SAMPLING OF PRIVATE WATER SUPPLY WELLS

Continue scheduling and sampling private water supply wells and report laboratory analytical results to the well owner/consumer

<p>Note: Above task information revised from the Junker Landfill Remedial Investigation Report by Wenck Associates, Inc., dated 4/95. Last revised: 01/2020.</p>

TASK 5
SEMI-ANNUAL MONITORING/SAMPLING REQUIREMENTS
(June and December)

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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- Task 1 -- Weekly Monitoring/Sampling Requirements**
Task 2 -- Bi-Weekly Monitoring/Sampling Requirements
Task 3 -- Monthly Monitoring/Sampling Requirements
Task 4 -- Quarterly Monitoring/Sampling Requirements, plus the following:

FENCED AREA AT FLARE BUILDING

Confirm seals in both driplegs -- sediment not obstructing "U" position	Landfill
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GAS MEASUREMENTS

Gas Probes - GMW-1A, 1B, 2A, 2B, 3, 4A, 4B, 5S, 5M, 5D, 6S, 6M, 6D, 7, 8S, 8M, 8D, 9, 10, MW-4, MW-7 and MW-13

Measure probe vacuum, record static pressure; Measure probe O ₂ , CH ₄ , and CO ₂ , balance gas	Probe Head Connection-use GEM-500 gas monitor Electronic submittal to Madison quarterly
---	--

Inspect probe for repair/maintenance

Gas Extraction Wells - GEW-1 through GEW-15, GEW-17 through GEW-21

Measure well-head vacuum	Well Head Sample Port - use GEM-500 gas monitor
--------------------------	---

Measure lateral vacuum at well head	Lateral Sample Port - use GEM-500 gas monitor
-------------------------------------	---

Measure well-head temperature	Lateral Sample Port - use thermometer. Measure at well-head port if possible, only use lateral sample port if well head sample port has physical constraints or measurements at the two sample ports have been shown to be the same by comparison
-------------------------------	---

Measure well head O ₂ , CH ₄ , CO ₂ and balance gas	Lateral Sample Port - use GEM-500 gas monitor Wells that have valve closed - open valve and purge well for minimum of two minutes prior to taking readings
--	---

Measure/calculate well head gas flow and velocity	Lateral Sample Port - use anemometer
---	--------------------------------------

Check and record valve opening on wells

Drain lines at GEW-3, GEW-5 and GEW-6	Electronic submittal of data to Madison
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TASK 5 (continued)
SEMI-ANNUAL MONITORING/SAMPLING REQUIREMENTS
(June and December)

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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LEACHATE MEASUREMENTS

Gas Extraction Wells - GEW-1 through GEW-15, and GEW-17 through GEW 21

Measure leachate depths at well head; perform gas measurements listed above first	Measure leachate depth in these wells last.
---	---

Leachate Head Wells - LHW-1, 2, 3 and 4

Measure leachate depths at well head	Electronic submittal to Madison quarterly
Inspect well head for vandalism, etc.	

Leachate Extraction Well - LEW-1

Measure leachate depth at well head	Turn pump off before leachate measurements begin. Measure leachate here after other wells have been measured
Inspect well head for vandalism, etc.	Electronic submittal to Madison quarterly
Inspect well-head piping	

METHANE MEASUREMENTS AT PRIVATE RESIDENCES

Check methane monitor in basement if gas extraction system is inoperative for a period of time.	888 E. Highway 12
Perform maintenance if required	890 E. Highway 12
	898 E. Highway 12
	902 Alexander Rd. Checks their monitor.

<p>Note: Above task information revised from the Junker Landfill Remedial Investigation Report by Wenck Associates, Inc., dated 4/95. Last revised: 01/2020.</p>

TASK 6
ANNUAL MONITORING/SAMPLING REQUIREMENTS
(June)

Cedar Corporation
 Junker Landfill Gas Extraction System

Task Description	Comments
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- Task 1 -- Weekly Monitoring/Sampling Requirements**
- Task 2 -- Bi-Weekly Monitoring/Sampling Requirements**
- Task 3 -- Monthly Monitoring/Sampling Requirements**
- Task 4 -- Quarterly Monitoring/Sampling Requirements**
- Task 5 -- Semi-Annual Monitoring/Sampling Requirements, plus the following:**

FENCED AREA AT FLARE BUILDING

<p>Sample blower for following analyses:</p> <p style="padding-left: 40px;">VOC scan (EPA Method TO-14 or 15)</p> <p>Sample condensate/leachate from storage tank and test for the following:</p> <p style="padding-left: 40px;">Field Conductivity at 25° C</p> <p style="padding-left: 40px;">Field pH</p> <p style="padding-left: 40px;">Total Suspended Solids (TSS)*</p> <p style="padding-left: 40px;">BOD_{5 Day} (24-hour hold time)*</p> <p style="padding-left: 40px;">COD</p> <p style="padding-left: 40px;">Fe, Mn, Cu, Ni, Zn, Mo, total</p> <p style="padding-left: 40px;">As, Cd, Cr, Pb, Hg, Se, Ag, total</p> <p style="padding-left: 40px;">Cyanide</p> <p style="padding-left: 40px;">Alkalinity</p> <p style="padding-left: 40px;">Chlorides</p> <p style="padding-left: 40px;">Total Kjeldahl Nitrogen</p> <p style="padding-left: 40px;">Total Phosphorous</p> <p style="padding-left: 40px;">VOCs (Chloroform included)</p> <p style="padding-left: 40px;">Semi-Volatiles</p>	<p>Sample port after valve following blower with Summa canister. Sample annually</p> <p>Sample obtained from access port w/ disposable bailer.</p> <p>Electronic submittal of data to Madison</p> <p>Method SM25440D</p> <p style="padding-left: 40px;">Method SM5210B</p> <p>Method <u>410.4</u></p> <p>Method 200.7 or <u>6010</u></p> <p>Method 200.7 or <u>6010</u> (Hg by EPA 245.1)</p> <p>Method <u>335.4</u> or 9010A</p> <p>Method 310.2</p> <p>Method 325.2</p> <p>Method 351.2</p> <p>Method 365.1</p> <p>Method 8021 or <u>8260</u></p> <p>Method 8270</p>
--	--

*BOD_{5 Day} and TSS are analyzed by the waste treatment facility each month.

Confirm seals in both driplegs -- sediment not obstructing "U" position	Landfill
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GROUNDWATER MONITORING

A. Monitoring Wells

<p>Sample groundwater for analysis from the following monitoring wells: MW-3, MW-4, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14,</p>	<p>Dedicated bailers are used for purging and collection Field blanks (2) are collected during sample collection.</p>
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TASK 6 (Continued)
ANNUAL MONITORING/SAMPLING REQUIREMENTS
(June)

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
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GROUNDWATER MONITORING (cont.)

MW-15A, MW-15B (biennial), MW-15C, MW-16, Trip Blank (1), Duplicates (2)	Report MW-15 results to 947 Bakken Ln (Steve Bakken) Report MW-12 results to Scott Fortune, 891 Alexander Rd, Roberts, WI 54023
--	--

In-Field and Analytical Parameters:

Groundwater elevation	Electronic submittal of data to Madison
Temperature	Duplicates to receive only VOCs anal.
Conductivity at 25° C	
pH	
Alkalinity	Method 310.2
Chlorides	Method 325.2
COD	Method <u>410.4</u>
Total Hardness, filtered in field	
Fe, dissolved, filtered in field	Method 200.7 or <u>6010</u>
Mn, dissolved, filtered in field	Method 200.7 or <u>6010</u>
VOCs	EPA Method 8021 or 8260
SVOCs on MW-3 or MW-13	EPA Method 8270

B. Private Water Supply Wells

Schedule and sample private water supply wells for VOCs (EPA Method 8021 or 8260) within the SWCA in which GAC filters are not installed. Private water supply wells without GAC filters are included in Table 14 of the Annual Junker Landfill Report and noted with “water is not filtered”. Report laboratory analytical results to the well owner/consumer.

COMMUNITY RELATIONS

Send Annual Report to Town of Hudson (Clerk, 980 Co. Rd A, Hudson, WI 54016) and Hudson Public Library (Kathy Norden, 911 4th St., Hudson, WI 54016). Appendices placed on CD where feasible.

<p>Note: Above task information revised from the Junker Landfill Remedial Investigation Report by Wenck Associates, Inc., dated 4/95. Last revised: 01/2020.</p>

APPENDIX B

LABORATORY ANALYTICAL REPORT – GROUNDWATER MONITORING
WELLS AND CONDENSATE/LEACHATE TANK

LABORATORY ANALYTICAL REPORTS – LANDFILL GAS

ANALYTICAL REPORT

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

Laboratory Job ID: 500-201198-1
Client Project/Site: Junker Landfill

For:

Cedar Corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751

Attn: Mitch Evenson



*Authorized for release by:
7/6/2021 4:39:59 PM*

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

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results through
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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Job ID: 500-201198-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-201198-1

Comments

No additional comments.

Receipt

The samples were received on 6/22/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.4° C.

GC/MS VOA

Method 8260B: The continuing calibration verification (CCV) associated with batch 500-607193 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-3 (500-201198-1), MW-4 (500-201198-2) and MW-7 (500-201198-3).

Method 8260B: The laboratory control sample (LCS) for analytical batch 500-607193 recovered outside control limits for the following analytes: Bromomethane, Dibromomethane, Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) and the laboratory control sample (LCS) associated with batch 500-607393 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-12 (500-201198-4).

Method 8260B: Acetone was detected in the following sample: MW-12 (500-201198-4). The method blank associated with this sample was below the reporting limit for Acetone. Acetone is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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

Detection Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-3

Lab Sample ID: 500-201198-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethylene	1.5		0.50	0.16	ug/L	1		8260B	Total/NA
Iron	8.8		0.20	0.082	mg/L	1		6010B	Dissolved
Manganese	0.30		0.010	0.0023	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	188		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	188		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	12.7		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	17.2		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	86.74				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	417				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.63				SU	1		Field Sampling	Total/NA
Field Temperature	17.5				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	900.18				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 500-201198-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethylene	0.98		0.50	0.16	ug/L	1		8260B	Total/NA
Hardness as calcium carbonate	246		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	205		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	16.0		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	15.7		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	116.86				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	501				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.50				SU	1		Field Sampling	Total/NA
Field Temperature	16.8				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	900.78				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 500-201198-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethylene	0.80		0.50	0.16	ug/L	1		8260B	Total/NA
Hardness as calcium carbonate	253		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	206		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	16.9		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	16.7		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	111.10				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	500				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.52				SU	1		Field Sampling	Total/NA
Field Temperature	19.8				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	901.91				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-12

Lab Sample ID: 500-201198-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	27		10	1.7	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	1.1		1.0	0.43	ug/L	1		8260B	Total/NA
Iron	0.12	J	0.20	0.082	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	358		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	318		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	2.3		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	8.1	J	10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	154.85				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	632				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.23				SU	1		Field Sampling	Total/NA
Field Temperature	23.1				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	910.69				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago



Method Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
SM 2340B	Total Hardness (as CaCO ₃) by calculation	SM	TAL CHI
SM 2320B	Alkalinity	SM	TAL CHI
SM 4500 Cl- E	Chloride, Total	SM	TAL CHI
SM 5220C	COD	SM	TAL CHI
Field Sampling	Field Sampling	EPA	TAL CHI
3010A	Preparation, Total Metals	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
SM 5220	COD	SM	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

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

Sample Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-201198-1	MW-3	Water	06/18/21 08:30	06/22/21 10:00	
500-201198-2	MW-4	Water	06/18/21 09:30	06/22/21 10:00	
500-201198-3	MW-7	Water	06/18/21 10:30	06/22/21 10:00	
500-201198-4	MW-12	Water	06/18/21 13:15	06/22/21 10:00	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-3
Date Collected: 06/18/21 08:30
Date Received: 06/22/21 10:00

Lab Sample ID: 500-201198-1
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.0	J	10	1.7	ug/L			07/01/21 16:48	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 16:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 16:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 16:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 16:48	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 16:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 16:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 16:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 16:48	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 16:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 16:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 16:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 16:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 16:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 16:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 16:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 16:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 16:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 16:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 16:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 16:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 16:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 16:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 16:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 16:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 16:48	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 16:48	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 16:48	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 16:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 16:48	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 16:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 16:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 16:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 16:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 16:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 16:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 16:48	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 16:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 16:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 16:48	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 16:48	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 16:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-3
Date Collected: 06/18/21 08:30
Date Received: 06/22/21 10:00

Lab Sample ID: 500-201198-1
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 16:48	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 16:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 16:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 16:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 16:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 16:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 16:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 16:48	1
Trichloroethylene	1.5		0.50	0.16	ug/L			07/01/21 16:48	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 16:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 16:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 16:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 16:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 16:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124					07/01/21 16:48	1
Dibromofluoromethane	114		75 - 120					07/01/21 16:48	1
1,2-Dichloroethane-d4 (Surr)	122		75 - 126					07/01/21 16:48	1
Toluene-d8 (Surr)	93		75 - 120					07/01/21 16:48	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	8.8		0.20	0.082	mg/L		06/28/21 08:30	06/28/21 18:30	1
Manganese	0.30		0.010	0.0023	mg/L		06/28/21 08:30	06/28/21 18:30	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	188		0.91	0.46	mg/L		06/28/21 08:30	06/29/21 07:44	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	188		5.0	3.7	mg/L			06/30/21 20:26	1
Chloride	12.7		2.0	1.0	mg/L			07/05/21 16:13	1
Chemical Oxygen Demand	17.2		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	86.74				ft			06/18/21 08:30	1
Field Color	N				NONE			06/18/21 08:30	1
Field Conductivity	417				umhos/cm			06/18/21 08:30	1
Field Odor	N				NONE			06/18/21 08:30	1
Field pH	7.63				SU			06/18/21 08:30	1
Field Temperature	17.5				Degrees C			06/18/21 08:30	1
Field Turbidity	Y				NONE			06/18/21 08:30	1
Groundwater Elevation (ft MSL)	900.18				ft			06/18/21 08:30	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-4

Lab Sample ID: 500-201198-2

Date Collected: 06/18/21 09:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 17:16	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 17:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 17:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 17:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 17:16	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 17:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 17:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 17:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 17:16	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 17:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 17:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 17:16	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 17:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 17:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 17:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 17:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 17:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 17:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 17:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 17:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 17:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 17:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 17:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 17:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 17:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 17:16	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 17:16	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 17:16	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 17:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 17:16	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 17:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 17:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 17:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 17:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 17:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 17:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 17:16	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 17:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 17:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 17:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 17:16	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 17:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-4

Lab Sample ID: 500-201198-2

Date Collected: 06/18/21 09:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 17:16	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 17:16	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 17:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 17:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 17:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 17:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 17:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 17:16	1
Trichloroethylene	0.98		0.50	0.16	ug/L			07/01/21 17:16	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 17:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 17:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 17:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 17:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 17:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124					07/01/21 17:16	1
Dibromofluoromethane	112		75 - 120					07/01/21 17:16	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					07/01/21 17:16	1
Toluene-d8 (Surr)	94		75 - 120					07/01/21 17:16	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/28/21 08:30	06/28/21 18:33	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/28/21 08:30	06/28/21 18:33	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	246		0.91	0.46	mg/L		06/28/21 08:30	06/29/21 07:44	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	205		5.0	3.7	mg/L			06/30/21 20:33	1
Chloride	16.0		2.0	1.0	mg/L			07/05/21 16:13	1
Chemical Oxygen Demand	15.7		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	116.86				ft			06/18/21 09:30	1
Field Color	N				NONE			06/18/21 09:30	1
Field Conductivity	501				umhos/cm			06/18/21 09:30	1
Field Odor	N				NONE			06/18/21 09:30	1
Field pH	7.50				SU			06/18/21 09:30	1
Field Temperature	16.8				Degrees C			06/18/21 09:30	1
Field Turbidity	N				NONE			06/18/21 09:30	1
Groundwater Elevation (ft MSL)	900.78				ft			06/18/21 09:30	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-7

Lab Sample ID: 500-201198-3

Date Collected: 06/18/21 10:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 17:44	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 17:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 17:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 17:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 17:44	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 17:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 17:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 17:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 17:44	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 17:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 17:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 17:44	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 17:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 17:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 17:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 17:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 17:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 17:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 17:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 17:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 17:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 17:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 17:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 17:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 17:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 17:44	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 17:44	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 17:44	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 17:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 17:44	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 17:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 17:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 17:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 17:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 17:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 17:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 17:44	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 17:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 17:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 17:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 17:44	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 17:44	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-7

Lab Sample ID: 500-201198-3

Date Collected: 06/18/21 10:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 17:44	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 17:44	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 17:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 17:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 17:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 17:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 17:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 17:44	1
Trichloroethylene	0.80		0.50	0.16	ug/L			07/01/21 17:44	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 17:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 17:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 17:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 17:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 17:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124					07/01/21 17:44	1
Dibromofluoromethane	111		75 - 120					07/01/21 17:44	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 126					07/01/21 17:44	1
Toluene-d8 (Surr)	95		75 - 120					07/01/21 17:44	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/28/21 08:30	06/28/21 18:36	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/28/21 08:30	06/28/21 18:36	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	253		0.91	0.46	mg/L		06/28/21 08:30	06/29/21 07:44	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	206		5.0	3.7	mg/L			06/30/21 20:45	1
Chloride	16.9		2.0	1.0	mg/L			07/05/21 16:14	1
Chemical Oxygen Demand	16.7		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	111.10				ft			06/18/21 10:30	1
Field Color	N				NONE			06/18/21 10:30	1
Field Conductivity	500				umhos/cm			06/18/21 10:30	1
Field Odor	N				NONE			06/18/21 10:30	1
Field pH	7.52				SU			06/18/21 10:30	1
Field Temperature	19.8				Degrees C			06/18/21 10:30	1
Field Turbidity	Y				NONE			06/18/21 10:30	1
Groundwater Elevation (ft MSL)	901.91				ft			06/18/21 10:30	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-12

Lab Sample ID: 500-201198-4

Date Collected: 06/18/21 13:15

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	27		10	1.7	ug/L			07/02/21 10:26	1
Benzene	<0.15		0.50	0.15	ug/L			07/02/21 10:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/02/21 10:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/02/21 10:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/02/21 10:26	1
Bromoform	<0.48		1.0	0.48	ug/L			07/02/21 10:26	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/02/21 10:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/02/21 10:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/02/21 10:26	1
Chloroform	<0.37		2.0	0.37	ug/L			07/02/21 10:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/02/21 10:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/02/21 10:26	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/02/21 10:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/02/21 10:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/02/21 10:26	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/02/21 10:26	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/02/21 10:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/02/21 10:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/02/21 10:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/02/21 10:26	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/02/21 10:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/02/21 10:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/02/21 10:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/02/21 10:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/02/21 10:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/02/21 10:26	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/02/21 10:26	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/02/21 10:26	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/02/21 10:26	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/02/21 10:26	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/02/21 10:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/02/21 10:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/02/21 10:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/02/21 10:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/02/21 10:26	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/02/21 10:26	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/02/21 10:26	1
Styrene	<0.39		1.0	0.39	ug/L			07/02/21 10:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/02/21 10:26	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/02/21 10:26	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/02/21 10:26	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/02/21 10:26	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-12

Lab Sample ID: 500-201198-4

Date Collected: 06/18/21 13:15

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/02/21 10:26	1
Toluene	<0.15		0.50	0.15	ug/L			07/02/21 10:26	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/02/21 10:26	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/02/21 10:26	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/02/21 10:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/02/21 10:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/02/21 10:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/02/21 10:26	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/02/21 10:26	1
Trichlorofluoromethane	1.1		1.0	0.43	ug/L			07/02/21 10:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/02/21 10:26	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/02/21 10:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/02/21 10:26	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/02/21 10:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/02/21 10:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124					07/02/21 10:26	1
Dibromofluoromethane	109		75 - 120					07/02/21 10:26	1
1,2-Dichloroethane-d4 (Surr)	113		75 - 126					07/02/21 10:26	1
Toluene-d8 (Surr)	96		75 - 120					07/02/21 10:26	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.12	J	0.20	0.082	mg/L		06/28/21 08:30	06/28/21 18:40	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/28/21 08:30	06/28/21 18:40	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	358		0.91	0.46	mg/L		06/28/21 08:30	06/29/21 07:44	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	318		5.0	3.7	mg/L			06/30/21 20:52	1
Chloride	2.3		2.0	1.0	mg/L			07/05/21 16:14	1
Chemical Oxygen Demand	8.1	J	10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	154.85				ft			06/18/21 13:15	1
Field Color	N				NONE			06/18/21 13:15	1
Field Conductivity	632				umhos/cm			06/18/21 13:15	1
Field Odor	N				NONE			06/18/21 13:15	1
Field pH	7.23				SU			06/18/21 13:15	1
Field Temperature	23.1				Degrees C			06/18/21 13:15	1
Field Turbidity	Y				NONE			06/18/21 13:15	1
Groundwater Elevation (ft MSL)	910.69				ft			06/18/21 13:15	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Metals

Qualifier	Qualifier Description
J	Reported value was between the limit of detection and the limit of quantitation.

General Chemistry

Qualifier	Qualifier Description
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

QC Association Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

GC/MS VOA

Analysis Batch: 607193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Total/NA	Water	8260B	
500-201198-2	MW-4	Total/NA	Water	8260B	
500-201198-3	MW-7	Total/NA	Water	8260B	
MB 500-607193/6	Method Blank	Total/NA	Water	8260B	
LCS 500-607193/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 607393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-4	MW-12	Total/NA	Water	8260B	
MB 500-607393/7	Method Blank	Total/NA	Water	8260B	
LCS 500-607393/3	Lab Control Sample	Total/NA	Water	8260B	

Metals

Prep Batch: 606487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	3010A	
500-201198-2	MW-4	Dissolved	Water	3010A	
500-201198-3	MW-7	Dissolved	Water	3010A	
500-201198-4	MW-12	Dissolved	Water	3010A	
MB 500-606487/1-A	Method Blank	Total/NA	Water	3010A	
LCS 500-606487/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 606650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	6010B	606487
500-201198-2	MW-4	Dissolved	Water	6010B	606487
500-201198-3	MW-7	Dissolved	Water	6010B	606487
500-201198-4	MW-12	Dissolved	Water	6010B	606487
MB 500-606487/1-A	Method Blank	Total/NA	Water	6010B	606487
LCS 500-606487/2-A	Lab Control Sample	Total/NA	Water	6010B	606487

Analysis Batch: 606697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	SM 2340B	606487
500-201198-2	MW-4	Dissolved	Water	SM 2340B	606487
500-201198-3	MW-7	Dissolved	Water	SM 2340B	606487
500-201198-4	MW-12	Dissolved	Water	SM 2340B	606487

General Chemistry

Analysis Batch: 607165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	SM 2320B	
500-201198-2	MW-4	Dissolved	Water	SM 2320B	
500-201198-3	MW-7	Dissolved	Water	SM 2320B	
500-201198-4	MW-12	Dissolved	Water	SM 2320B	
MB 500-607165/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-607165/3	Lab Control Sample	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

General Chemistry

Prep Batch: 607399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	SM 5220	
500-201198-2	MW-4	Dissolved	Water	SM 5220	
500-201198-3	MW-7	Dissolved	Water	SM 5220	
500-201198-4	MW-12	Dissolved	Water	SM 5220	
MB 500-607399/1-A	Method Blank	Total/NA	Water	SM 5220	
LCS 500-607399/2-A	Lab Control Sample	Total/NA	Water	SM 5220	

Analysis Batch: 607527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	SM 5220C	607399
500-201198-2	MW-4	Dissolved	Water	SM 5220C	607399
500-201198-3	MW-7	Dissolved	Water	SM 5220C	607399
500-201198-4	MW-12	Dissolved	Water	SM 5220C	607399
MB 500-607399/1-A	Method Blank	Total/NA	Water	SM 5220C	607399
LCS 500-607399/2-A	Lab Control Sample	Total/NA	Water	SM 5220C	607399

Analysis Batch: 607925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Dissolved	Water	SM 4500 Cl- E	
500-201198-2	MW-4	Dissolved	Water	SM 4500 Cl- E	
500-201198-3	MW-7	Dissolved	Water	SM 4500 Cl- E	
500-201198-4	MW-12	Dissolved	Water	SM 4500 Cl- E	
MB 500-607925/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-607925/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 607491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201198-1	MW-3	Total/NA	Water	Field Sampling	
500-201198-2	MW-4	Total/NA	Water	Field Sampling	
500-201198-3	MW-7	Total/NA	Water	Field Sampling	
500-201198-4	MW-12	Total/NA	Water	Field Sampling	

Surrogate Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-201198-1	MW-3	87	114	122	93
500-201198-2	MW-4	85	112	118	94
500-201198-3	MW-7	86	111	115	95
500-201198-4	MW-12	85	109	113	96
LCS 500-607193/4	Lab Control Sample	84	110	114	96
LCS 500-607393/3	Lab Control Sample	83	105	112	96
MB 500-607193/6	Method Blank	86	109	116	96
MB 500-607393/7	Method Blank	87	111	115	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

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

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: MB 500-607193/6
Matrix: Water
Analysis Batch: 607193

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<1.7		10	1.7	ug/L			07/01/21 12:37	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 12:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 12:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 12:37	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 12:37	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 12:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 12:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 12:37	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 12:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 12:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 12:37	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 12:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 12:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 12:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 12:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 12:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 12:37	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 12:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 12:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 12:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 12:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 12:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 12:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/01/21 12:37	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 12:37	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/01/21 12:37	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 12:37	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 12:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 12:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 12:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 12:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 12:37	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: MB 500-607193/6
Matrix: Water
Analysis Batch: 607193

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 12:37	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 12:37	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 12:37	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 12:37	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 12:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 12:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 12:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 12:37	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 12:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/01/21 12:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 12:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 12:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 12:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 12:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124		07/01/21 12:37	1
Dibromofluoromethane	109		75 - 120		07/01/21 12:37	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126		07/01/21 12:37	1
Toluene-d8 (Surr)	96		75 - 120		07/01/21 12:37	1

Lab Sample ID: LCS 500-607193/4
Matrix: Water
Analysis Batch: 607193

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	50.0		ug/L		100	40 - 143
Benzene	50.0	53.9		ug/L		108	70 - 120
Bromobenzene	50.0	50.1		ug/L		100	70 - 122
Bromochloromethane	50.0	59.3		ug/L		119	65 - 122
Bromodichloromethane	50.0	57.7		ug/L		115	69 - 120
Bromoform	50.0	62.5		ug/L		125	56 - 132
Carbon disulfide	50.0	52.0		ug/L		104	66 - 120
Carbon tetrachloride	50.0	65.9		ug/L		132	59 - 133
Chlorobenzene	50.0	51.1		ug/L		102	70 - 120
Chloroethane	50.0	48.8		ug/L		98	48 - 136
Chloroform	50.0	55.1		ug/L		110	70 - 120
2-Chlorotoluene	50.0	47.8		ug/L		96	70 - 125
4-Chlorotoluene	50.0	48.4		ug/L		97	68 - 124
cis-1,2-Dichloroethylene	50.0	52.5		ug/L		105	70 - 125
cis-1,3-Dichloropropene	50.0	52.8		ug/L		106	64 - 127
Dibromochloromethane	50.0	56.4		ug/L		113	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/L		102	56 - 123
1,2-Dibromoethane	50.0	52.2		ug/L		104	70 - 125
Dichlorodifluoromethane	50.0	59.1		ug/L		118	40 - 159
1,1-Dichloroethane	50.0	47.4		ug/L		95	70 - 125

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: LCS 500-607193/4
Matrix: Water
Analysis Batch: 607193

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	56.6		ug/L		113	68 - 127
1,1-Dichloroethylene	50.0	53.0		ug/L		106	67 - 122
1,2-Dichloropropane	50.0	44.7		ug/L		89	67 - 130
1,3-Dichloropropane	50.0	55.3		ug/L		111	62 - 136
2,2-Dichloropropane	50.0	56.4		ug/L		113	58 - 139
1,1-Dichloropropene	50.0	59.2		ug/L		118	70 - 121
Ethylbenzene	50.0	52.0		ug/L		104	70 - 123
Hexachlorobutadiene	50.0	48.2		ug/L		96	51 - 150
Isopropylbenzene	50.0	49.4		ug/L		99	70 - 126
1,3-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
Methyl bromide	50.0	88.6	*	ug/L		177	40 - 152
Methyl chloride	50.0	38.7		ug/L		77	56 - 152
Methylene bromide	50.0	60.4	*	ug/L		121	70 - 120
Methylene Chloride	50.0	50.7		ug/L		101	69 - 125
Methyl ethyl ketone (MEK)	50.0	44.4		ug/L		89	46 - 144
Methyl tert-butyl ether	50.0	53.7		ug/L		107	55 - 123
Naphthalene	50.0	41.3		ug/L		83	53 - 144
n-Butylbenzene	50.0	48.9		ug/L		98	68 - 125
N-Propylbenzene	50.0	48.7		ug/L		97	69 - 127
1,2-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 125
1,4-Dichlorobenzene	50.0	51.4		ug/L		103	70 - 120
p-Isopropyltoluene	50.0	49.0		ug/L		98	70 - 125
sec-Butylbenzene	50.0	48.7		ug/L		97	70 - 123
Styrene	50.0	55.2		ug/L		110	70 - 120
tert-Butylbenzene	50.0	47.0		ug/L		94	70 - 121
1,1,1,2-Tetrachloroethane	50.0	56.5		ug/L		113	70 - 125
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	62 - 140
Tetrachloroethylene	50.0	57.0		ug/L		114	70 - 128
Tetrahydrofuran	100	81.8		ug/L		82	59 - 139
Toluene	50.0	51.4		ug/L		103	70 - 125
1,2-trans-Dichloroethylene	50.0	52.5		ug/L		105	70 - 125
trans-1,3-Dichloropropene	50.0	54.7		ug/L		109	62 - 128
1,2,3-Trichlorobenzene	50.0	42.5		ug/L		85	51 - 145
1,2,4-Trichlorobenzene	50.0	45.4		ug/L		91	57 - 137
1,1,1-Trichloroethane	50.0	61.1		ug/L		122	70 - 125
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	71 - 130
Trichloroethylene	50.0	58.2		ug/L		116	70 - 125
Trichlorofluoromethane	50.0	65.4	*	ug/L		131	55 - 128
1,2,3-Trichloropropane	50.0	51.7		ug/L		103	50 - 133
1,2,4-Trimethylbenzene	50.0	50.3		ug/L		101	70 - 123
1,3,5-Trimethylbenzene	50.0	49.7		ug/L		99	70 - 123
Vinyl chloride	50.0	46.2		ug/L		92	64 - 126
Xylenes, Total	100	106		ug/L		106	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane	110		75 - 120
1,2-Dichloroethane-d4 (Surr)	114		75 - 126

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: LCS 500-607193/4
Matrix: Water
Analysis Batch: 607193

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-607393/7
Matrix: Water
Analysis Batch: 607393

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

Analyte	MB MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<1.7		10	1.7	ug/L			07/02/21 09:58	1
Benzene	<0.15		0.50	0.15	ug/L			07/02/21 09:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/02/21 09:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/02/21 09:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/02/21 09:58	1
Bromoform	<0.48		1.0	0.48	ug/L			07/02/21 09:58	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/02/21 09:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/02/21 09:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/02/21 09:58	1
Chloroform	<0.37		2.0	0.37	ug/L			07/02/21 09:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/02/21 09:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/02/21 09:58	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/02/21 09:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/02/21 09:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/02/21 09:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/02/21 09:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/02/21 09:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/02/21 09:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/02/21 09:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/02/21 09:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/02/21 09:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/02/21 09:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/02/21 09:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/02/21 09:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/02/21 09:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/02/21 09:58	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/02/21 09:58	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/02/21 09:58	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/02/21 09:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/02/21 09:58	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/02/21 09:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/02/21 09:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/02/21 09:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/02/21 09:58	1

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: MB 500-607393/7
Matrix: Water
Analysis Batch: 607393

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/02/21 09:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/02/21 09:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/02/21 09:58	1
Styrene	<0.39		1.0	0.39	ug/L			07/02/21 09:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/02/21 09:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/02/21 09:58	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/02/21 09:58	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/02/21 09:58	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/02/21 09:58	1
Toluene	<0.15		0.50	0.15	ug/L			07/02/21 09:58	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/02/21 09:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/02/21 09:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/02/21 09:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/02/21 09:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/02/21 09:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/02/21 09:58	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/02/21 09:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/02/21 09:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/02/21 09:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/02/21 09:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/02/21 09:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/02/21 09:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/02/21 09:58	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	87		72 - 124		07/02/21 09:58	1
Dibromofluoromethane	111		75 - 120		07/02/21 09:58	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 126		07/02/21 09:58	1
Toluene-d8 (Surr)	96		75 - 120		07/02/21 09:58	1

Lab Sample ID: LCS 500-607393/3
Matrix: Water
Analysis Batch: 607393

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	46.2		ug/L		92	70 - 122
Bromochloromethane	50.0	51.8		ug/L		104	65 - 122
Bromodichloromethane	50.0	52.2		ug/L		104	69 - 120
Bromoform	50.0	56.8		ug/L		114	56 - 132
Carbon disulfide	50.0	46.3		ug/L		93	66 - 120
Carbon tetrachloride	50.0	62.4		ug/L		125	59 - 133
Chlorobenzene	50.0	47.9		ug/L		96	70 - 120
Chloroethane	50.0	47.3		ug/L		95	48 - 136
Chloroform	50.0	50.8		ug/L		102	70 - 120
2-Chlorotoluene	50.0	45.5		ug/L		91	70 - 125
4-Chlorotoluene	50.0	46.6		ug/L		93	68 - 124

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: LCS 500-607393/3
Matrix: Water
Analysis Batch: 607393

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-Dichloroethylene	50.0	47.3		ug/L		95	70 - 125
cis-1,3-Dichloropropene	50.0	48.1		ug/L		96	64 - 127
Dibromochloromethane	50.0	51.7		ug/L		103	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/L		91	56 - 123
1,2-Dibromoethane	50.0	45.7		ug/L		91	70 - 125
Dichlorodifluoromethane	50.0	56.7		ug/L		113	40 - 159
1,1-Dichloroethane	50.0	43.0		ug/L		86	70 - 125
1,2-Dichloroethane	50.0	51.1		ug/L		102	68 - 127
1,1-Dichloroethylene	50.0	48.7		ug/L		97	67 - 122
1,2-Dichloropropane	50.0	41.2		ug/L		82	67 - 130
1,3-Dichloropropane	50.0	48.8		ug/L		98	62 - 136
2,2-Dichloropropane	50.0	52.4		ug/L		105	58 - 139
1,1-Dichloropropene	50.0	54.8		ug/L		110	70 - 121
Ethylbenzene	50.0	49.5		ug/L		99	70 - 123
Hexachlorobutadiene	50.0	51.2		ug/L		102	51 - 150
Isopropylbenzene	50.0	47.6		ug/L		95	70 - 126
1,3-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 125
Methyl bromide	50.0	85.7	*	ug/L		171	40 - 152
Methyl chloride	50.0	36.6		ug/L		73	56 - 152
Methylene bromide	50.0	52.6		ug/L		105	70 - 120
Methylene Chloride	50.0	44.9		ug/L		90	69 - 125
Methyl ethyl ketone (MEK)	50.0	38.1		ug/L		76	46 - 144
Methyl tert-butyl ether	50.0	46.7		ug/L		93	55 - 123
Naphthalene	50.0	34.9		ug/L		70	53 - 144
n-Butylbenzene	50.0	48.3		ug/L		97	68 - 125
N-Propylbenzene	50.0	47.0		ug/L		94	69 - 127
1,2-Dichlorobenzene	50.0	46.3		ug/L		93	70 - 125
1,4-Dichlorobenzene	50.0	48.1		ug/L		96	70 - 120
p-Isopropyltoluene	50.0	47.8		ug/L		96	70 - 125
sec-Butylbenzene	50.0	47.5		ug/L		95	70 - 123
Styrene	50.0	50.8		ug/L		102	70 - 120
tert-Butylbenzene	50.0	45.7		ug/L		91	70 - 121
1,1,1,2-Tetrachloroethane	50.0	53.0		ug/L		106	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	40.2		ug/L		80	62 - 140
Tetrachloroethylene	50.0	53.7		ug/L		107	70 - 128
Tetrahydrofuran	100	69.0		ug/L		69	59 - 139
Toluene	50.0	48.8		ug/L		98	70 - 125
1,2-trans-Dichloroethylene	50.0	48.2		ug/L		96	70 - 125
trans-1,3-Dichloropropene	50.0	49.4		ug/L		99	62 - 128
1,2,3-Trichlorobenzene	50.0	37.1		ug/L		74	51 - 145
1,2,4-Trichlorobenzene	50.0	39.8		ug/L		80	57 - 137
1,1,1-Trichloroethane	50.0	57.0		ug/L		114	70 - 125
1,1,2-Trichloroethane	50.0	46.2		ug/L		92	71 - 130
Trichloroethylene	50.0	53.4		ug/L		107	70 - 125
Trichlorofluoromethane	50.0	63.9		ug/L		128	55 - 128
1,2,3-Trichloropropane	50.0	46.8		ug/L		94	50 - 133
1,2,4-Trimethylbenzene	50.0	47.4		ug/L		95	70 - 123
1,3,5-Trimethylbenzene	50.0	47.7		ug/L		95	70 - 123
Vinyl chloride	50.0	44.3		ug/L		89	64 - 126

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

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

Lab Sample ID: LCS 500-607393/3
Matrix: Water
Analysis Batch: 607393

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, Total	100	99.5		ug/L		100	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		72 - 124
Dibromofluoromethane	105		75 - 120
1,2-Dichloroethane-d4 (Surr)	112		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-606487/1-A
Matrix: Water
Analysis Batch: 606650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606487

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/28/21 08:30	06/28/21 17:42	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/28/21 08:30	06/28/21 17:42	1

Lab Sample ID: LCS 500-606487/2-A
Matrix: Water
Analysis Batch: 606650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	1.00	1.07		mg/L		107	80 - 120
Manganese	0.500	0.480		mg/L		96	80 - 120

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-607165/2
Matrix: Water
Analysis Batch: 607165

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<3.7		5.0	3.7	mg/L			06/30/21 18:15	1

Lab Sample ID: LCS 500-607165/3
Matrix: Water
Analysis Batch: 607165

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	100	102.7		mg/L		103	90 - 110

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-607925/16
Matrix: Water
Analysis Batch: 607925

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		2.0	1.0	mg/L			07/05/21 16:10	1

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: LCS 500-607925/17
Matrix: Water
Analysis Batch: 607925

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.73		mg/L		104	85 - 115

Method: SM 5220C - COD

Lab Sample ID: MB 500-607399/1-A
Matrix: Water
Analysis Batch: 607527

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 607399

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<6.0		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:00	1

Lab Sample ID: LCS 500-607399/2-A
Matrix: Water
Analysis Batch: 607527

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 607399

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	50.0	48.48		mg/L		97	85 - 115

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-3

Date Collected: 06/18/21 08:30

Date Received: 06/22/21 10:00

Lab Sample ID: 500-201198-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 16:48	JDD	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606650	06/28/21 18:30	EEN	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606697	06/29/21 07:44	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 20:26	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:13	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:16	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607491	06/18/21 08:30	JVB	TAL CHI

Client Sample ID: MW-4

Date Collected: 06/18/21 09:30

Date Received: 06/22/21 10:00

Lab Sample ID: 500-201198-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 17:16	JDD	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606650	06/28/21 18:33	EEN	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606697	06/29/21 07:44	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 20:33	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:13	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:18	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607491	06/18/21 09:30	JVB	TAL CHI

Client Sample ID: MW-7

Date Collected: 06/18/21 10:30

Date Received: 06/22/21 10:00

Lab Sample ID: 500-201198-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 17:44	JDD	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606650	06/28/21 18:36	EEN	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606697	06/29/21 07:44	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 20:45	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:14	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:19	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607491	06/18/21 10:30	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Client Sample ID: MW-12

Lab Sample ID: 500-201198-4

Date Collected: 06/18/21 13:15

Matrix: Water

Date Received: 06/22/21 10:00

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260B		1	607393	07/02/21 10:26	JDD	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606650	06/28/21 18:40	EEN	TAL CHI
Dissolved	Prep	3010A			606487	06/28/21 08:30	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606697	06/29/21 07:44	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 20:52	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:14	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:20	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607491	06/18/21 13:15	JVB	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201198-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

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Eurofins TestAmerica, Chicago

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

Chain of Custody Record



Client Information		Sampler: BJI		Lab PM: Fredrick Sandie		Carrier Tracking No(s):		COC No: 500-92191-30169 3							
Client Contact: Kirsten Lee		Phone:		E-Mail: sandra.fredrick@eurofinset.com		State of Origin:		Page 3 of 8							
Company: Cedar Corporation		PWSID:		Analysis Requested						Job #: 500-201198					
Address: 604 Wilson Avenue		Due Date Requested:		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> All Change, COC Total Hardness, Filtered Diss. Fe, Mn, Filtered VOCs						Preservation Codes					
City: Menomonee		TAT Requested (days):								A HCL M Hexane		B NaOH N None		C Zn Acetate O AsNaO2	
State Zip: WI 54751		Compliance Project Δ Yes Δ No:								D Nitric Acid P Na2O4S		E NaHSO4 Q Na2SO3		F MeOH R Na2S2O3	
Phone: 715-235-9081(Tel)		Purchase Order not required:								G Amchlor S H2SO4		H Ascorbic Acid T TSP Dodecahydrate		I Ice U Acetone	
Email: kirsten.lee@cedarcorp.com		WO #:		J DI Water V MCAA		K EDTA W pH 4-5		L EDA Z other (specify)							
Project Name: Junker Landfill		Project #: 50006557		Other:		Total Number of containers: 6		Special Instructions/Note							
Site:		SSOW#:		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)											
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Preservation Code:							
1 MW-3		6/18/21		0830		G		Water							
2 MW-4		↓		0930		↓		Water							
3 MW-7		↓		1030		↓		Water							
4 MW-12		↓		115		↓		Water							
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months										
Deliverable Requested I II III IV Other (specify)					Special Instructions/QC Requirements: EDS, wrong dates on vials, please log labels as "MW" not "JMW"										
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by: <i>Kirsten Lee</i>		Date/Time: 6/18/21 0830		Company: Cedarcorp		Received by: <i>John Smith</i>		Date/Time: 6/22/21 1000							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:							
Custody Seals Intact: Δ Yes Δ No		Custody Seal No:		Cooler Temperature(s) °C and Other Remarks: 0.4											

Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-201198-1

Login Number: 201198

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	0.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

6/17/21
6/18/21

MIN#	DIV	TDC	GLUE	TIME	DATE
3	86.74	986.92	900.18	0850	6/18/21
4	116.86	1017.04	900.78	0930	6/18/21
6	109.44	needs to be resurveyed		1330	6/17/21
7	111.40	1019.01	901.91	1030	6/18/21
8	102.34	needs to be resurveyed		1310	6/17/21
9	106.46			1340	6/17/21
10	107.38			1410	6/17/21
11	130.21	1034.16	903.95	1000	6/17/21
12	154.85	1005.54	910.69	1315	6/18/21
* 13	110.06	1011.85	901.79	0915	6/17/21
14	69.49	970.15	901.26	1100	6/17/21
15A	70.33	924.29	853.96	1130	6/17/21
15B	70.55	924.52	853.97	1120	6/17/21
15C	70.30	924.66	854.36	1115	6/17/21
116	59.33	915.13	855.80	1240	6/17/21
116	-	-	-	-	6/17/21
Blower	-	-	-	1600	6/16/21
Leachate	-	-	-	1600	6/16/21

collected GPS coordinates
* SUCs

Pinkys pumped 36" 1,680 gallons

T/C/O	PH	Temp	Cond	DNR#
Mud/CLN	7.53	17.5	417	3
N/CLN	7.50	16.8	501	4
SH/CLN	7.13	21.4	615	6
SH/CLN	7.52	19.8	500	7
SH/CLN	7.51	22.1	512	8
N/CLN	7.42	21.7	488	9
N/CLN	7.50	21.9	488	10
N/CLN	7.72	19.9	452	15
SH/CLN	7.23	23.1	632	17
SH/CLN	7.61	18.1	514	19
SH/CLN	7.24	19.5	608	21
SH/CLN	7.88	17.5	521	23
N/CLN	7.70	17.9	542	25
N/CLN	7.49	19.0	506	27
N/CLN	7.33	24.7	499	29
-	-	-	-	-
-	-	-	-	-
V/BODY	7.03	22.1	410	401

Return to Rain

ANALYTICAL REPORT

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

Laboratory Job ID: 500-201166-1
Client Project/Site: Junker Landfill
Revision: 1

For:
Cedar Corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751

Attn: Mitch Evenson



Authorized for release by:
7/7/2021 4:38:04 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

Review your project
results through
TotalAccess

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Job ID: 500-201166-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-201166-1

Comments

No additional comments.

Receipt

The samples were received on 6/19/2021 10:30 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 -0.1° C and 1.2° C.

Revised Report

Revision added to correct field data to indicate no odor for samples MW-6 and MW-8.

Receipt Exceptions

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC). COC list date 6/17/21 for all samples however all sample containers list date as 6/16/21. Logged per COC per client.

GC/MS VOA

Method 8260B: Acetone/ Methylene chloride were detected in the following samples: MW-6 (500-201166-1), MW-8 (500-201166-2), MW-9 (500-201166-3), MW-10 (500-201166-4), MW-14 (500-201166-7), MW-15A (500-201166-8) and Trip Blank (500-201166-13). The method blanks associated with these samples was below the reporting limit for these compounds. Methylene chloride and Acetone are known lab contaminants; therefore all low level detects for these compound could be suspected as lab contamination.

Method 8260B: The continuing calibration verification (CCVIS) associated with batch 606874 recovered above the upper control limit for Chloroethane and Dichlorodifluoromethane. The samples associated with this CCV were below the reporting limit for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-6 (500-201166-1), MW-8 (500-201166-2), MW-9 (500-201166-3) and MW-10 (500-201166-4).

Method 8260B: The continuing calibration verification (CCV) associated with batch 606957 recovered above the upper control limit for Methyl bromide. The samples associated with this CCV were below the reporting limit for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Trip Blank (500-201166-13).

Method 8260B: The laboratory control sample (LCS) and continuing calibration verification (CCVIS) for 607193 recovered outside control limits for the following analytes: Methyl bromide, Methylene bromide, and Trichlorofluoromethane. These analytes were biased high in the LCS/CCVIS and were below the reporting limit in the associated samples; therefore, the data have been reported. MW-11 (500-201166-5), MW-13 (500-201166-6), MW-14 (500-201166-7), MW-15A (500-201166-8), MW-15B (500-201166-9), MW-15C (500-201166-10), MW-16 (500-201166-11) and MW-116 (500-201166-12)

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

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 500-605296 was outside the method criteria for the following analyte(s): Butyl benzyl phthalate, Carbazole, Hexachlorobenzene, Hexachlorocyclopentadiene, Pentachlorophenol and 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 500-605213 was outside the method criteria for the following analyte(s): 4-Nitrophenol, Bis(2-ethylhexyl) phthalate and Butyl benzyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

Metals

Method 6010B: The continuing calibration blank (CCB) at line 78 contained Iron above the reporting limit (RL). The sample MW-6

Case Narrative

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Job ID: 500-201166-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

(500-201166-1), MW-8 (500-201166-2), MW-9 (500-201166-3), MW-10 (500-201166-4) and MW-11 (500-201166-5) associated with this CCB did not contain the target compound; therefore, re-analysis of samples was not performed.

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

Field Service / Mobile Lab

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

General Chemistry

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

Organic Prep

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

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Detection Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-6

Lab Sample ID: 500-201166-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5	J	5.0	1.6	ug/L	1		8260B	Total/NA
Manganese	0.0029	J	0.010	0.0023	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	304		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	163		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	30.9		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	52.5		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	109.44				ft	1		Field Sampling	Total/NA
Field Color	Y				NONE	1		Field Sampling	Total/NA
Field Conductivity	615				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.13				SU	1		Field Sampling	Total/NA
Field Temperature	21.6				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA

Client Sample ID: MW-8

Lab Sample ID: 500-201166-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.4	J	5.0	1.6	ug/L	1		8260B	Total/NA
Hardness as calcium carbonate	270		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	200		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	21.5		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	7.1	J	10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	102.34				ft	1		Field Sampling	Total/NA
Field Color	Y				NONE	1		Field Sampling	Total/NA
Field Conductivity	512				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.51				SU	1		Field Sampling	Total/NA
Field Temperature	22.1				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 500-201166-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5	J	5.0	1.6	ug/L	1		8260B	Total/NA
Trichloroethylene	1.5		0.50	0.16	ug/L	1		8260B	Total/NA
Hardness as calcium carbonate	261		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	207		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	13.7		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	15.7		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	106.46				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	488				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.42				SU	1		Field Sampling	Total/NA
Field Temperature	21.7				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 500-201166-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.80	J ^c	3.0	0.67	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.59	J	1.0	0.41	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-10 (Continued)

Lab Sample ID: 500-201166-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.6	J	5.0	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethylene	0.79	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethylene	1.9		0.50	0.16	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	1.7		1.0	0.43	ug/L	1		8260B	Total/NA
Hardness as calcium carbonate	262		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	208		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	11.1		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	18.7		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	107.38				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	488				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.50				SU	1		Field Sampling	Total/NA
Field Temperature	21.9				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 500-201166-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethylene	0.93		0.50	0.16	ug/L	1		8260B	Total/NA
Iron	0.13	J B ^	0.20	0.082	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	237		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	195		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	10.4		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	13.1		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	130.21				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	452				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.72				SU	1		Field Sampling	Total/NA
Field Temperature	19.9				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	903.95				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 500-201166-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethylene	6.8		0.50	0.16	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	0.91	J *	1.0	0.43	ug/L	1		8260B	Total/NA
Bis(2-ethylhexyl) phthalate	1.4	J	7.9	1.3	ug/L	1		8270D	Total/NA
Hardness as calcium carbonate	252		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	219		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	14.9		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Depth to Water (ft from MP)	110.06				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	514				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.61				SU	1		Field Sampling	Total/NA
Field Temperature	18.1				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	901.79				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-14

Lab Sample ID: 500-201166-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.6	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethylene	0.19	J	0.50	0.16	ug/L	1		8260B	Total/NA
Manganese	0.010		0.010	0.0023	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	277		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	231		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	31.3		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	8.1	J	10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	69.49				ft	1		Field Sampling	Total/NA
Field Color	Y				NONE	1		Field Sampling	Total/NA
Field Conductivity	608				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.24				SU	1		Field Sampling	Total/NA
Field Temperature	19.5				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	901.26				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-15A

Lab Sample ID: 500-201166-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.1	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethylene	0.64		0.50	0.16	ug/L	1		8260B	Total/NA
Manganese	0.0032	J	0.010	0.0023	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	256		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	226		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	16.2		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	16.2		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	70.33				ft	1		Field Sampling	Total/NA
Field Color	Y				NONE	1		Field Sampling	Total/NA
Field Conductivity	521				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.88				SU	1		Field Sampling	Total/NA
Field Temperature	17.5				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	853.96				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-15B

Lab Sample ID: 500-201166-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethylene	1.4		0.50	0.16	ug/L	1		8260B	Total/NA
Hardness as calcium carbonate	263		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	217		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	21.0		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Depth to Water (ft from MP)	70.55				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	542				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.70				SU	1		Field Sampling	Total/NA
Field Temperature	17.9				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	853.97				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15C

Lab Sample ID: 500-201166-10

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.27	J	0.50	0.15	ug/L	1		8260B	Total/NA
Trichloroethylene	1.2		0.50	0.16	ug/L	1		8260B	Total/NA
Manganese	0.0081	J	0.010	0.0023	mg/L	1		6010B	Dissolved
Hardness as calcium carbonate	248		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	228		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	18.0		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	11.6		10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	70.30				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	506				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.49				SU	1		Field Sampling	Total/NA
Field Temperature	19.0				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	854.36				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-16

Lab Sample ID: 500-201166-11

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Hardness as calcium carbonate	256		0.91	0.46	mg/L	1		SM 2340B	Dissolved
Alkalinity	228		5.0	3.7	mg/L	1		SM 2320B	Dissolved
Chloride	6.0		2.0	1.0	mg/L	1		SM 4500 Cl- E	Dissolved
Chemical Oxygen Demand	7.6	J	10.0	6.0	mg/L	1		SM 5220C	Dissolved
Depth to Water (ft from MP)	59.33				ft	1		Field Sampling	Total/NA
Field Color	N				NONE	1		Field Sampling	Total/NA
Field Conductivity	499				umhos/cm	1		Field Sampling	Total/NA
Field Odor	N				NONE	1		Field Sampling	Total/NA
Field pH	7.33				SU	1		Field Sampling	Total/NA
Field Temperature	24.7				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	N				NONE	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	855.80				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-116

Lab Sample ID: 500-201166-12

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 500-201166-13

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	1.7	ug/L	1		8260B	Total/NA
Methylene Chloride	5.7		5.0	1.6	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
SM 2340B	Total Hardness (as CaCO ₃) by calculation	SM	TAL CHI
SM 2320B	Alkalinity	SM	TAL CHI
SM 4500 Cl- E	Chloride, Total	SM	TAL CHI
SM 5220C	COD	SM	TAL CHI
Field Sampling	Field Sampling	EPA	TAL CHI
3010A	Preparation, Total Metals	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
SM 5220	COD	SM	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

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

Sample Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-201166-1	MW-6	Water	06/17/21 13:30	06/19/21 10:30	
500-201166-2	MW-8	Water	06/17/21 13:10	06/19/21 10:30	
500-201166-3	MW-9	Water	06/17/21 13:40	06/19/21 10:30	
500-201166-4	MW-10	Water	06/17/21 14:10	06/19/21 10:30	
500-201166-5	MW-11	Water	06/17/21 10:00	06/19/21 10:30	
500-201166-6	MW-13	Water	06/17/21 09:15	06/19/21 10:30	
500-201166-7	MW-14	Water	06/17/21 11:00	06/19/21 10:30	
500-201166-8	MW-15A	Water	06/17/21 11:30	06/19/21 10:30	
500-201166-9	MW-15B	Water	06/17/21 12:00	06/19/21 10:30	
500-201166-10	MW-15C	Water	06/17/21 11:45	06/19/21 10:30	
500-201166-11	MW-16	Water	06/17/21 12:40	06/19/21 10:30	
500-201166-12	MW-116	Water	06/17/21 00:00	06/19/21 10:30	
500-201166-13	Trip Blank	Water	06/17/21 00:00	06/19/21 10:30	

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-6

Lab Sample ID: 500-201166-1

Date Collected: 06/17/21 13:30

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/30/21 19:19	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 19:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 19:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 19:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 19:19	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 19:19	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 19:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 19:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			06/30/21 19:19	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 19:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 19:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 19:19	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 19:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 19:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 19:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 19:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			06/30/21 19:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 19:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 19:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 19:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 19:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 19:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 19:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 19:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 19:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 19:19	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 19:19	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 19:19	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 19:19	1
Methylene Chloride	2.5 J		5.0	1.6	ug/L			06/30/21 19:19	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 19:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 19:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 19:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 19:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 19:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 19:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 19:19	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 19:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 19:19	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 19:19	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 19:19	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 19:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-6

Lab Sample ID: 500-201166-1

Date Collected: 06/17/21 13:30

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 19:19	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 19:19	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 19:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 19:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 19:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 19:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 19:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 19:19	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 19:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 19:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 19:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 19:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 19:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 19:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124					06/30/21 19:19	1
Dibromofluoromethane	97		75 - 120					06/30/21 19:19	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					06/30/21 19:19	1
Toluene-d8 (Surr)	94		75 - 120					06/30/21 19:19	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/25/21 21:33	1
Manganese	0.0029	J	0.010	0.0023	mg/L		06/25/21 08:23	06/25/21 21:33	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	304		0.91	0.46	mg/L		06/25/21 08:23	06/28/21 08:03	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	163		5.0	3.7	mg/L			06/30/21 18:39	1
Chloride	30.9		2.0	1.0	mg/L			07/05/21 16:10	1
Chemical Oxygen Demand	52.5		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	109.44				ft			06/17/21 13:30	1
Field Color	Y				NONE			06/17/21 13:30	1
Field Conductivity	615				umhos/cm			06/17/21 13:30	1
Field Odor	N				NONE			06/17/21 13:30	1
Field pH	7.13				SU			06/17/21 13:30	1
Field Temperature	21.6				Degrees C			06/17/21 13:30	1
Field Turbidity	Y				NONE			06/17/21 13:30	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-8
Date Collected: 06/17/21 13:10
Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-2
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/30/21 19:47	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 19:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 19:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 19:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 19:47	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 19:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 19:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 19:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			06/30/21 19:47	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 19:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 19:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 19:47	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 19:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 19:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 19:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 19:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			06/30/21 19:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 19:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 19:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 19:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 19:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 19:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 19:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 19:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 19:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 19:47	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 19:47	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 19:47	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 19:47	1
Methylene Chloride	2.4 J		5.0	1.6	ug/L			06/30/21 19:47	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 19:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 19:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 19:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 19:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 19:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 19:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 19:47	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 19:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 19:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 19:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 19:47	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 19:47	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-8
Date Collected: 06/17/21 13:10
Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-2
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 19:47	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 19:47	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 19:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 19:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 19:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 19:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 19:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 19:47	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 19:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 19:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 19:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 19:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 19:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 19:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124					06/30/21 19:47	1
Dibromofluoromethane	97		75 - 120					06/30/21 19:47	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126					06/30/21 19:47	1
Toluene-d8 (Surr)	95		75 - 120					06/30/21 19:47	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/25/21 22:18	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/25/21 22:18	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	270		0.91	0.46	mg/L		06/25/21 08:23	06/28/21 08:03	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	200		5.0	3.7	mg/L			06/30/21 18:46	1
Chloride	21.5		2.0	1.0	mg/L			07/05/21 16:10	1
Chemical Oxygen Demand	7.1	J	10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	102.34				ft			06/17/21 13:10	1
Field Color	Y				NONE			06/17/21 13:10	1
Field Conductivity	512				umhos/cm			06/17/21 13:10	1
Field Odor	N				NONE			06/17/21 13:10	1
Field pH	7.51				SU			06/17/21 13:10	1
Field Temperature	22.1				Degrees C			06/17/21 13:10	1
Field Turbidity	Y				NONE			06/17/21 13:10	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-9

Lab Sample ID: 500-201166-3

Date Collected: 06/17/21 13:40

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/30/21 20:14	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 20:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 20:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 20:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 20:14	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 20:14	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 20:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 20:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			06/30/21 20:14	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 20:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 20:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 20:14	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 20:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 20:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 20:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 20:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			06/30/21 20:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 20:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 20:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 20:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 20:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 20:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 20:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 20:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 20:14	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 20:14	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 20:14	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 20:14	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 20:14	1
Methylene Chloride	2.5 J		5.0	1.6	ug/L			06/30/21 20:14	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 20:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 20:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 20:14	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 20:14	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 20:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 20:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 20:14	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 20:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 20:14	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 20:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 20:14	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 20:14	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-9

Lab Sample ID: 500-201166-3

Date Collected: 06/17/21 13:40

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 20:14	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 20:14	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 20:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 20:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 20:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 20:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 20:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 20:14	1
Trichloroethylene	1.5		0.50	0.16	ug/L			06/30/21 20:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 20:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 20:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 20:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 20:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 20:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124					06/30/21 20:14	1
Dibromofluoromethane	97		75 - 120					06/30/21 20:14	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					06/30/21 20:14	1
Toluene-d8 (Surr)	94		75 - 120					06/30/21 20:14	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/25/21 22:21	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/25/21 22:21	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	261		0.91	0.46	mg/L		06/25/21 08:23	06/28/21 08:03	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	207		5.0	3.7	mg/L			06/30/21 18:53	1
Chloride	13.7		2.0	1.0	mg/L			07/05/21 16:11	1
Chemical Oxygen Demand	15.7		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	106.46				ft			06/17/21 13:40	1
Field Color	N				NONE			06/17/21 13:40	1
Field Conductivity	488				umhos/cm			06/17/21 13:40	1
Field Odor	N				NONE			06/17/21 13:40	1
Field pH	7.42				SU			06/17/21 13:40	1
Field Temperature	21.7				Degrees C			06/17/21 13:40	1
Field Turbidity	N				NONE			06/17/21 13:40	1

Euofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-10
Date Collected: 06/17/21 14:10
Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-4
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/30/21 20:43	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 20:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 20:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 20:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 20:43	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 20:43	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 20:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 20:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			06/30/21 20:43	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 20:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 20:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 20:43	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 20:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 20:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 20:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 20:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
Dichlorodifluoromethane	0.80	J ^c	3.0	0.67	ug/L			06/30/21 20:43	1
1,1-Dichloroethane	0.59	J	1.0	0.41	ug/L			06/30/21 20:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 20:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 20:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 20:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 20:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 20:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 20:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 20:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 20:43	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 20:43	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 20:43	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 20:43	1
Methylene Chloride	2.6	J	5.0	1.6	ug/L			06/30/21 20:43	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 20:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 20:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 20:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 20:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 20:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 20:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 20:43	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 20:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 20:43	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 20:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 20:43	1
Tetrachloroethylene	0.79	J	1.0	0.37	ug/L			06/30/21 20:43	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-10

Lab Sample ID: 500-201166-4

Date Collected: 06/17/21 14:10

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 20:43	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 20:43	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 20:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 20:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 20:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 20:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 20:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 20:43	1
Trichloroethylene	1.9		0.50	0.16	ug/L			06/30/21 20:43	1
Trichlorofluoromethane	1.7		1.0	0.43	ug/L			06/30/21 20:43	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 20:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 20:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 20:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 20:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124					06/30/21 20:43	1
Dibromofluoromethane	97		75 - 120					06/30/21 20:43	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					06/30/21 20:43	1
Toluene-d8 (Surr)	93		75 - 120					06/30/21 20:43	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/25/21 22:24	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/25/21 22:24	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	262		0.91	0.46	mg/L		06/25/21 08:23	06/28/21 08:03	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	208		5.0	3.7	mg/L			06/30/21 19:01	1
Chloride	11.1		2.0	1.0	mg/L			07/05/21 16:11	1
Chemical Oxygen Demand	18.7		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:02	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	107.38				ft			06/17/21 14:10	1
Field Color	N				NONE			06/17/21 14:10	1
Field Conductivity	488				umhos/cm			06/17/21 14:10	1
Field Odor	N				NONE			06/17/21 14:10	1
Field pH	7.50				SU			06/17/21 14:10	1
Field Temperature	21.9				Degrees C			06/17/21 14:10	1
Field Turbidity	N				NONE			06/17/21 14:10	1

Eurolins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-11

Lab Sample ID: 500-201166-5

Date Collected: 06/17/21 10:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 13:05	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 13:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 13:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 13:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 13:05	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 13:05	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 13:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 13:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 13:05	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 13:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 13:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 13:05	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 13:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 13:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 13:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 13:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 13:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 13:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 13:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 13:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 13:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 13:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 13:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 13:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 13:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 13:05	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 13:05	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 13:05	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 13:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 13:05	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 13:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 13:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 13:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 13:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 13:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 13:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 13:05	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 13:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 13:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 13:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 13:05	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 13:05	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-11

Lab Sample ID: 500-201166-5

Date Collected: 06/17/21 10:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 13:05	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 13:05	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 13:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 13:05	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 13:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 13:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 13:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 13:05	1
Trichloroethylene	0.93		0.50	0.16	ug/L			07/01/21 13:05	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 13:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 13:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 13:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 13:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 13:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124					07/01/21 13:05	1
Dibromofluoromethane	111		75 - 120					07/01/21 13:05	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126					07/01/21 13:05	1
Toluene-d8 (Surr)	96		75 - 120					07/01/21 13:05	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.13	J B ^	0.20	0.082	mg/L		06/25/21 08:23	06/25/21 22:28	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/25/21 22:28	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	237		0.91	0.46	mg/L		06/25/21 08:23	06/28/21 08:03	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	195		5.0	3.7	mg/L			06/30/21 19:15	1
Chloride	10.4		2.0	1.0	mg/L			07/05/21 16:11	1
Chemical Oxygen Demand	13.1		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:09	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	130.21				ft			06/17/21 10:00	1
Field Color	N				NONE			06/17/21 10:00	1
Field Conductivity	452				umhos/cm			06/17/21 10:00	1
Field Odor	N				NONE			06/17/21 10:00	1
Field pH	7.72				SU			06/17/21 10:00	1
Field Temperature	19.9				Degrees C			06/17/21 10:00	1
Field Turbidity	N				NONE			06/17/21 10:00	1
Groundwater Elevation (ft MSL)	903.95				ft			06/17/21 10:00	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-13

Lab Sample ID: 500-201166-6

Date Collected: 06/17/21 09:15

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 13:33	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 13:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 13:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 13:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 13:33	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 13:33	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 13:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 13:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 13:33	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 13:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 13:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 13:33	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 13:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 13:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 13:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 13:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 13:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 13:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 13:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 13:33	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 13:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 13:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 13:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 13:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 13:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 13:33	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 13:33	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 13:33	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 13:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 13:33	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 13:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 13:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 13:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 13:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 13:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 13:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 13:33	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 13:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 13:33	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 13:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 13:33	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 13:33	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-13
Date Collected: 06/17/21 09:15
Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-6
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 13:33	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 13:33	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 13:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 13:33	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 13:33	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 13:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 13:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 13:33	1
Trichloroethylene	6.8		0.50	0.16	ug/L			07/01/21 13:33	1
Trichlorofluoromethane	0.91	J *	1.0	0.43	ug/L			07/01/21 13:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 13:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 13:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 13:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 13:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					07/01/21 13:33	1
Dibromofluoromethane	114		75 - 120					07/01/21 13:33	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					07/01/21 13:33	1
Toluene-d8 (Surr)	95		75 - 120					07/01/21 13:33	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		1.6	0.19	ug/L		06/21/21 07:12	06/21/21 21:28	1
1,2-Dichlorobenzene	<0.19		1.6	0.19	ug/L		06/21/21 07:12	06/21/21 21:28	1
1,3-Dichlorobenzene	<0.16		1.6	0.16	ug/L		06/21/21 07:12	06/21/21 21:28	1
1,4-Dichlorobenzene	<0.16		1.6	0.16	ug/L		06/21/21 07:12	06/21/21 21:28	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,2'-oxybis[1-chloropropane]	<0.30		1.6	0.30	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,4,5-Trichlorophenol	<2.0		7.9	2.0	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,4,6-Trichlorophenol	<0.56		3.9	0.56	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,4-Dichlorophenol	<2.0		7.9	2.0	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,4-Dimethylphenol	<1.4		7.9	1.4	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,4-Dinitrophenol	<6.8		16	6.8	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,4-Dinitrotoluene	<0.19		0.79	0.19	ug/L		06/21/21 07:12	06/21/21 21:28	1
2,6-Dinitrotoluene	<0.058		0.79	0.058	ug/L		06/21/21 07:12	06/21/21 21:28	1
2-Chloronaphthalene	<0.18		1.6	0.18	ug/L		06/21/21 07:12	06/21/21 21:28	1
2-Chlorophenol	<0.44		3.9	0.44	ug/L		06/21/21 07:12	06/21/21 21:28	1
2-Methylnaphthalene	<0.051		1.6	0.051	ug/L		06/21/21 07:12	06/21/21 21:28	1
2-Methylphenol	<0.24		1.6	0.24	ug/L		06/21/21 07:12	06/21/21 21:28	1
2-Nitroaniline	<1.0		3.9	1.0	ug/L		06/21/21 07:12	06/21/21 21:28	1
2-Nitrophenol	<2.0		7.9	2.0	ug/L		06/21/21 07:12	06/21/21 21:28	1
3 & 4 Methylphenol	<0.35		1.6	0.35	ug/L		06/21/21 07:12	06/21/21 21:28	1
3,3'-Dichlorobenzidine	<1.3		3.9	1.3	ug/L		06/21/21 07:12	06/21/21 21:28	1
3-Nitroaniline	<1.4		7.9	1.4	ug/L		06/21/21 07:12	06/21/21 21:28	1
4,6-Dinitro-2-methylphenol	<4.6		16	4.6	ug/L		06/21/21 07:12	06/21/21 21:28	1
4-Bromophenyl phenyl ether	<0.42		3.9	0.42	ug/L		06/21/21 07:12	06/21/21 21:28	1
4-Chloro-3-methylphenol	<1.8		7.9	1.8	ug/L		06/21/21 07:12	06/21/21 21:28	1
4-Chloroaniline	<1.6		7.9	1.6	ug/L		06/21/21 07:12	06/21/21 21:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-13

Lab Sample ID: 500-201166-6

Date Collected: 06/17/21 09:15

Matrix: Water

Date Received: 06/19/21 10:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.50		3.9	0.50	ug/L		06/21/21 07:12	06/21/21 21:28	1
4-Nitroaniline	<1.3		7.9	1.3	ug/L		06/21/21 07:12	06/21/21 21:28	1
4-Nitrophenol	<5.8		16	5.8	ug/L		06/21/21 07:12	06/21/21 21:28	1
Acenaphthene	<0.24		0.79	0.24	ug/L		06/21/21 07:12	06/21/21 21:28	1
Acenaphthylene	<0.21		0.79	0.21	ug/L		06/21/21 07:12	06/21/21 21:28	1
Anthracene	<0.26		0.79	0.26	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzo[a]pyrene	<0.078		0.16	0.078	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzo[b]fluoranthene	<0.063		0.16	0.063	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzo[g,h,i]perylene	<0.29		0.79	0.29	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzo[k]fluoranthene	<0.050		0.16	0.050	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzoic acid	<4.5		16	4.5	ug/L		06/21/21 07:12	06/21/21 21:28	1
Benzyl alcohol	<4.7		16	4.7	ug/L		06/21/21 07:12	06/21/21 21:28	1
Bis(2-chloroethoxy)methane	<0.22		1.6	0.22	ug/L		06/21/21 07:12	06/21/21 21:28	1
Bis(2-chloroethyl)ether	<0.23		1.6	0.23	ug/L		06/21/21 07:12	06/21/21 21:28	1
Bis(2-ethylhexyl) phthalate	1.4	J	7.9	1.3	ug/L		06/21/21 07:12	06/21/21 21:28	1
Butyl benzyl phthalate	<0.38	^c	1.6	0.38	ug/L		06/21/21 07:12	06/21/21 21:28	1
Carbazole	<0.28	^c	3.9	0.28	ug/L		06/21/21 07:12	06/21/21 21:28	1
Chrysene	<0.054		0.16	0.054	ug/L		06/21/21 07:12	06/21/21 21:28	1
Dibenz(a,h)anthracene	<0.040		0.24	0.040	ug/L		06/21/21 07:12	06/21/21 21:28	1
Dibenzofuran	<0.21		1.6	0.21	ug/L		06/21/21 07:12	06/21/21 21:28	1
Diethyl phthalate	<0.28		3.9	0.28	ug/L		06/21/21 07:12	06/21/21 21:28	1
Dimethyl phthalate	<0.25		3.9	0.25	ug/L		06/21/21 07:12	06/21/21 21:28	1
Di-n-butyl phthalate	<0.57		3.9	0.57	ug/L		06/21/21 07:12	06/21/21 21:28	1
Di-n-octyl phthalate	<0.83		7.9	0.83	ug/L		06/21/21 07:12	06/21/21 21:28	1
Fluoranthene	<0.36		0.79	0.36	ug/L		06/21/21 07:12	06/21/21 21:28	1
Fluorene	<0.19		0.79	0.19	ug/L		06/21/21 07:12	06/21/21 21:28	1
Hexachlorobenzene	<0.062	^c	0.39	0.062	ug/L		06/21/21 07:12	06/21/21 21:28	1
Hexachlorobutadiene	<0.40		3.9	0.40	ug/L		06/21/21 07:12	06/21/21 21:28	1
Hexachlorocyclopentadiene	<5.0	^c	16	5.0	ug/L		06/21/21 07:12	06/21/21 21:28	1
Hexachloroethane	<0.47		3.9	0.47	ug/L		06/21/21 07:12	06/21/21 21:28	1
Indeno[1,2,3-cd]pyrene	<0.059		0.16	0.059	ug/L		06/21/21 07:12	06/21/21 21:28	1
Isophorone	<0.29		1.6	0.29	ug/L		06/21/21 07:12	06/21/21 21:28	1
Naphthalene	<0.24		0.79	0.24	ug/L		06/21/21 07:12	06/21/21 21:28	1
Nitrobenzene	<0.35		0.79	0.35	ug/L		06/21/21 07:12	06/21/21 21:28	1
N-Nitrosodi-n-propylamine	<0.12		0.39	0.12	ug/L		06/21/21 07:12	06/21/21 21:28	1
N-Nitrosodiphenylamine	<0.29		1.6	0.29	ug/L		06/21/21 07:12	06/21/21 21:28	1
Pentachlorophenol	<3.1	^c	16	3.1	ug/L		06/21/21 07:12	06/21/21 21:28	1
Phenanthrene	<0.24		0.79	0.24	ug/L		06/21/21 07:12	06/21/21 21:28	1
Phenol	<0.53		3.9	0.53	ug/L		06/21/21 07:12	06/21/21 21:28	1
Pyrene	<0.34		0.79	0.34	ug/L		06/21/21 07:12	06/21/21 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	62	^c	40 - 145	06/21/21 07:12	06/21/21 21:28	1
2-Fluorobiphenyl	91		34 - 110	06/21/21 07:12	06/21/21 21:28	1
2-Fluorophenol (Surr)	56		27 - 110	06/21/21 07:12	06/21/21 21:28	1
Nitrobenzene-d5 (Surr)	89		36 - 120	06/21/21 07:12	06/21/21 21:28	1
Phenol-d5 (Surr)	40		20 - 110	06/21/21 07:12	06/21/21 21:28	1
Terphenyl-d14 (Surr)	134		40 - 145	06/21/21 07:12	06/21/21 21:28	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-13

Lab Sample ID: 500-201166-6

Date Collected: 06/17/21 09:15

Matrix: Water

Date Received: 06/19/21 10:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/29/21 15:23	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/29/21 15:23	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	252		0.91	0.46	mg/L		06/25/21 08:23	06/30/21 08:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	219		5.0	3.7	mg/L			06/30/21 19:26	1
Chloride	14.9		2.0	1.0	mg/L			07/05/21 16:11	1
Chemical Oxygen Demand	<6.0		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	110.06				ft			06/17/21 09:15	1
Field Color	N				NONE			06/17/21 09:15	1
Field Conductivity	514				umhos/cm			06/17/21 09:15	1
Field Odor	N				NONE			06/17/21 09:15	1
Field pH	7.61				SU			06/17/21 09:15	1
Field Temperature	18.1				Degrees C			06/17/21 09:15	1
Field Turbidity	Y				NONE			06/17/21 09:15	1
Groundwater Elevation (ft MSL)	901.79				ft			06/17/21 09:15	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-14

Lab Sample ID: 500-201166-7

Date Collected: 06/17/21 11:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.6	J	10	1.7	ug/L			07/01/21 14:01	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 14:01	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:01	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 14:01	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 14:01	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 14:01	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 14:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 14:01	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 14:01	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 14:01	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 14:01	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 14:01	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 14:01	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 14:01	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 14:01	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 14:01	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 14:01	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 14:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 14:01	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 14:01	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 14:01	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 14:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 14:01	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 14:01	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 14:01	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:01	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 14:01	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 14:01	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 14:01	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 14:01	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 14:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 14:01	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 14:01	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 14:01	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:01	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 14:01	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:01	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 14:01	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:01	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 14:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 14:01	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 14:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-14

Lab Sample ID: 500-201166-7

Date Collected: 06/17/21 11:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 14:01	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 14:01	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 14:01	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 14:01	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 14:01	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 14:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 14:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 14:01	1
Trichloroethylene	0.19	J	0.50	0.16	ug/L			07/01/21 14:01	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/01/21 14:01	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 14:01	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:01	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 14:01	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 14:01	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124					07/01/21 14:01	1
Dibromofluoromethane	112		75 - 120					07/01/21 14:01	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126					07/01/21 14:01	1
Toluene-d8 (Surr)	95		75 - 120					07/01/21 14:01	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/29/21 15:26	1
Manganese	0.010		0.010	0.0023	mg/L		06/25/21 08:23	06/29/21 15:26	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	277		0.91	0.46	mg/L		06/25/21 08:23	06/30/21 08:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	231		5.0	3.7	mg/L			06/30/21 19:33	1
Chloride	31.3		2.0	1.0	mg/L			07/05/21 16:12	1
Chemical Oxygen Demand	8.1	J	10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:11	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	69.49				ft			06/17/21 11:00	1
Field Color	Y				NONE			06/17/21 11:00	1
Field Conductivity	608				umhos/cm			06/17/21 11:00	1
Field Odor	N				NONE			06/17/21 11:00	1
Field pH	7.24				SU			06/17/21 11:00	1
Field Temperature	19.5				Degrees C			06/17/21 11:00	1
Field Turbidity	Y				NONE			06/17/21 11:00	1
Groundwater Elevation (ft MSL)	901.26				ft			06/17/21 11:00	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15A

Lab Sample ID: 500-201166-8

Date Collected: 06/17/21 11:30

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.1	J	10	1.7	ug/L			07/01/21 14:29	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 14:29	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:29	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 14:29	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 14:29	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 14:29	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 14:29	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 14:29	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 14:29	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 14:29	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 14:29	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 14:29	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 14:29	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 14:29	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 14:29	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 14:29	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 14:29	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 14:29	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 14:29	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 14:29	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 14:29	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 14:29	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 14:29	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 14:29	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 14:29	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:29	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 14:29	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 14:29	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 14:29	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 14:29	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 14:29	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 14:29	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 14:29	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 14:29	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:29	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 14:29	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:29	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 14:29	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:29	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 14:29	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 14:29	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 14:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15A

Lab Sample ID: 500-201166-8

Date Collected: 06/17/21 11:30

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 14:29	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 14:29	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 14:29	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 14:29	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 14:29	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 14:29	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 14:29	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 14:29	1
Trichloroethylene	0.64		0.50	0.16	ug/L			07/01/21 14:29	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 14:29	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 14:29	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:29	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 14:29	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 14:29	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		07/01/21 14:29	1
Dibromofluoromethane	114		75 - 120		07/01/21 14:29	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126		07/01/21 14:29	1
Toluene-d8 (Surr)	97		75 - 120		07/01/21 14:29	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/29/21 15:30	1
Manganese	0.0032	J	0.010	0.0023	mg/L		06/25/21 08:23	06/29/21 15:30	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	256		0.91	0.46	mg/L		06/25/21 08:23	06/30/21 08:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	226		5.0	3.7	mg/L			06/30/21 19:41	1
Chloride	16.2		2.0	1.0	mg/L			07/05/21 16:12	1
Chemical Oxygen Demand	16.2		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	70.33				ft			06/17/21 11:30	1
Field Color	Y				NONE			06/17/21 11:30	1
Field Conductivity	521				umhos/cm			06/17/21 11:30	1
Field Odor	N				NONE			06/17/21 11:30	1
Field pH	7.88				SU			06/17/21 11:30	1
Field Temperature	17.5				Degrees C			06/17/21 11:30	1
Field Turbidity	Y				NONE			06/17/21 11:30	1
Groundwater Elevation (ft MSL)	853.96				ft			06/17/21 11:30	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15B

Lab Sample ID: 500-201166-9

Date Collected: 06/17/21 12:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 14:57	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 14:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 14:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 14:57	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 14:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 14:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 14:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 14:57	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 14:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 14:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 14:57	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 14:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 14:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 14:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 14:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 14:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 14:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 14:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 14:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 14:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 14:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 14:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 14:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 14:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:57	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 14:57	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 14:57	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 14:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 14:57	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 14:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 14:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 14:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 14:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 14:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:57	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 14:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 14:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 14:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 14:57	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 14:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15B

Lab Sample ID: 500-201166-9

Date Collected: 06/17/21 12:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 14:57	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 14:57	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 14:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 14:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 14:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 14:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 14:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 14:57	1
Trichloroethylene	1.4		0.50	0.16	ug/L			07/01/21 14:57	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 14:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 14:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 14:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 14:57	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 14:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					07/01/21 14:57	1
Dibromofluoromethane	110		75 - 120					07/01/21 14:57	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					07/01/21 14:57	1
Toluene-d8 (Surr)	96		75 - 120					07/01/21 14:57	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/29/21 15:43	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/29/21 15:43	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	263		0.91	0.46	mg/L		06/25/21 08:23	06/30/21 08:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	217		5.0	3.7	mg/L			06/30/21 19:49	1
Chloride	21.0		2.0	1.0	mg/L			07/05/21 16:12	1
Chemical Oxygen Demand	<6.0		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	70.55				ft			06/17/21 12:00	1
Field Color	N				NONE			06/17/21 12:00	1
Field Conductivity	542				umhos/cm			06/17/21 12:00	1
Field Odor	N				NONE			06/17/21 12:00	1
Field pH	7.70				SU			06/17/21 12:00	1
Field Temperature	17.9				Degrees C			06/17/21 12:00	1
Field Turbidity	N				NONE			06/17/21 12:00	1
Groundwater Elevation (ft MSL)	853.97				ft			06/17/21 12:00	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15C

Lab Sample ID: 500-201166-10

Date Collected: 06/17/21 11:45

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 15:25	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 15:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 15:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 15:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 15:25	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 15:25	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 15:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 15:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 15:25	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 15:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 15:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 15:25	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 15:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 15:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 15:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 15:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 15:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 15:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 15:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 15:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 15:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 15:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 15:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 15:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 15:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 15:25	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 15:25	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 15:25	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 15:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 15:25	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 15:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 15:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 15:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 15:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 15:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 15:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 15:25	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 15:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 15:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 15:25	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 15:25	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 15:25	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15C

Lab Sample ID: 500-201166-10

Date Collected: 06/17/21 11:45

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 15:25	1
Toluene	0.27	J	0.50	0.15	ug/L			07/01/21 15:25	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 15:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 15:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 15:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 15:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 15:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 15:25	1
Trichloroethylene	1.2		0.50	0.16	ug/L			07/01/21 15:25	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/01/21 15:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 15:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 15:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 15:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 15:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					07/01/21 15:25	1
Dibromofluoromethane	113		75 - 120					07/01/21 15:25	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					07/01/21 15:25	1
Toluene-d8 (Surr)	95		75 - 120					07/01/21 15:25	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/29/21 15:46	1
Manganese	0.0081	J	0.010	0.0023	mg/L		06/25/21 08:23	06/29/21 15:46	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	248		0.91	0.46	mg/L		06/25/21 08:23	06/30/21 08:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	228		5.0	3.7	mg/L			06/30/21 19:56	1
Chloride	18.0		2.0	1.0	mg/L			07/05/21 16:12	1
Chemical Oxygen Demand	11.6		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	70.30				ft			06/17/21 11:45	1
Field Color	N				NONE			06/17/21 11:45	1
Field Conductivity	506				umhos/cm			06/17/21 11:45	1
Field Odor	N				NONE			06/17/21 11:45	1
Field pH	7.49				SU			06/17/21 11:45	1
Field Temperature	19.0				Degrees C			06/17/21 11:45	1
Field Turbidity	N				NONE			06/17/21 11:45	1
Groundwater Elevation (ft MSL)	854.36				ft			06/17/21 11:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-16

Lab Sample ID: 500-201166-11

Date Collected: 06/17/21 12:40

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 15:53	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 15:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 15:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 15:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 15:53	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 15:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 15:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 15:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 15:53	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 15:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 15:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 15:53	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 15:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 15:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 15:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 15:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 15:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 15:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 15:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 15:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 15:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 15:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 15:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 15:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 15:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 15:53	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 15:53	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 15:53	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 15:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 15:53	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 15:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 15:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 15:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 15:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 15:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 15:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 15:53	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 15:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 15:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 15:53	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 15:53	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 15:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-16

Lab Sample ID: 500-201166-11

Date Collected: 06/17/21 12:40

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 15:53	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 15:53	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 15:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 15:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 15:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 15:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 15:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 15:53	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 15:53	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 15:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 15:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 15:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 15:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 15:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					07/01/21 15:53	1
Dibromofluoromethane	113		75 - 120					07/01/21 15:53	1
1,2-Dichloroethane-d4 (Surr)	121		75 - 126					07/01/21 15:53	1
Toluene-d8 (Surr)	95		75 - 120					07/01/21 15:53	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.082		0.20	0.082	mg/L		06/25/21 08:23	06/29/21 15:49	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/29/21 15:49	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	256		0.91	0.46	mg/L		06/25/21 08:23	06/30/21 08:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	228		5.0	3.7	mg/L			06/30/21 20:03	1
Chloride	6.0		2.0	1.0	mg/L			07/05/21 16:12	1
Chemical Oxygen Demand	7.6 J		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	59.33				ft			06/17/21 12:40	1
Field Color	N				NONE			06/17/21 12:40	1
Field Conductivity	499				umhos/cm			06/17/21 12:40	1
Field Odor	N				NONE			06/17/21 12:40	1
Field pH	7.33				SU			06/17/21 12:40	1
Field Temperature	24.7				Degrees C			06/17/21 12:40	1
Field Turbidity	N				NONE			06/17/21 12:40	1
Groundwater Elevation (ft MSL)	855.80				ft			06/17/21 12:40	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-116

Lab Sample ID: 500-201166-12

Date Collected: 06/17/21 00:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 16:20	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 16:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 16:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 16:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 16:20	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 16:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 16:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 16:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 16:20	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 16:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 16:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 16:20	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 16:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 16:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 16:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 16:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 16:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 16:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 16:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 16:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 16:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 16:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 16:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 16:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 16:20	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 16:20	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 16:20	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 16:20	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 16:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 16:20	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 16:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 16:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 16:20	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 16:20	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 16:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 16:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 16:20	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 16:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 16:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 16:20	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 16:20	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 16:20	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-116
Date Collected: 06/17/21 00:00
Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-12
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 16:20	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 16:20	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 16:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 16:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 16:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 16:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 16:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 16:20	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 16:20	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 16:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 16:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 16:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 16:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 16:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		07/01/21 16:20	1
Dibromofluoromethane	114		75 - 120		07/01/21 16:20	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126		07/01/21 16:20	1
Toluene-d8 (Surr)	95		75 - 120		07/01/21 16:20	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-201166-13

Date Collected: 06/17/21 00:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.1	J	10	1.7	ug/L			06/30/21 17:56	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 17:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 17:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 17:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 17:56	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 17:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 17:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 17:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/30/21 17:56	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 17:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 17:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 17:56	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 17:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 17:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 17:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 17:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/30/21 17:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 17:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 17:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 17:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 17:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 17:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 17:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 17:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 17:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 17:56	1
Methyl bromide	<0.80	^c	3.0	0.80	ug/L			06/30/21 17:56	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 17:56	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 17:56	1
Methylene Chloride	5.7		5.0	1.6	ug/L			06/30/21 17:56	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 17:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 17:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 17:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 17:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 17:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 17:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 17:56	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 17:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 17:56	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 17:56	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 17:56	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 17:56	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-201166-13

Date Collected: 06/17/21 00:00

Matrix: Water

Date Received: 06/19/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 17:56	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 17:56	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 17:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 17:56	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 17:56	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 17:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 17:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 17:56	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 17:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 17:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 17:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 17:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 17:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 17:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		06/30/21 17:56	1
Dibromofluoromethane	112		75 - 120		06/30/21 17:56	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126		06/30/21 17:56	1
Toluene-d8 (Surr)	97		75 - 120		06/30/21 17:56	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Reported value was between the limit of detection and the limit of quantitation.

GC/MS Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

General Chemistry

Qualifier	Qualifier Description
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

Eurofins TestAmerica, Chicago

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

QC Association Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

GC/MS VOA

Analysis Batch: 606874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Total/NA	Water	8260B	
500-201166-2	MW-8	Total/NA	Water	8260B	
500-201166-3	MW-9	Total/NA	Water	8260B	
500-201166-4	MW-10	Total/NA	Water	8260B	
MB 500-606874/6	Method Blank	Total/NA	Water	8260B	
LCS 500-606874/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 606957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-13	Trip Blank	Total/NA	Water	8260B	
MB 500-606957/6	Method Blank	Total/NA	Water	8260B	
LCS 500-606957/8	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 607193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-5	MW-11	Total/NA	Water	8260B	
500-201166-6	MW-13	Total/NA	Water	8260B	
500-201166-7	MW-14	Total/NA	Water	8260B	
500-201166-8	MW-15A	Total/NA	Water	8260B	
500-201166-9	MW-15B	Total/NA	Water	8260B	
500-201166-10	MW-15C	Total/NA	Water	8260B	
500-201166-11	MW-16	Total/NA	Water	8260B	
500-201166-12	MW-116	Total/NA	Water	8260B	
MB 500-607193/6	Method Blank	Total/NA	Water	8260B	
LCS 500-607193/4	Lab Control Sample	Total/NA	Water	8260B	
500-201166-12 MS	MW-116	Total/NA	Water	8260B	
500-201166-12 MSD	MW-116	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 605165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-6	MW-13	Total/NA	Water	3510C	
MB 500-605165/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-605165/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 605213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-605165/1-A	Method Blank	Total/NA	Water	8270D	605165
LCS 500-605165/2-A	Lab Control Sample	Total/NA	Water	8270D	605165

Analysis Batch: 605296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-6	MW-13	Total/NA	Water	8270D	605165

Metals

Prep Batch: 606188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	3010A	
500-201166-2	MW-8	Dissolved	Water	3010A	
500-201166-3	MW-9	Dissolved	Water	3010A	

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QC Association Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Metals (Continued)

Prep Batch: 606188 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-4	MW-10	Dissolved	Water	3010A	
500-201166-5	MW-11	Dissolved	Water	3010A	
500-201166-6	MW-13	Dissolved	Water	3010A	
500-201166-7	MW-14	Dissolved	Water	3010A	
500-201166-8	MW-15A	Dissolved	Water	3010A	
500-201166-9	MW-15B	Dissolved	Water	3010A	
500-201166-10	MW-15C	Dissolved	Water	3010A	
500-201166-11	MW-16	Dissolved	Water	3010A	
MB 500-606188/1-A	Method Blank	Total/NA	Water	3010A	
LCS 500-606188/2-A	Lab Control Sample	Total/NA	Water	3010A	
500-201166-1 MS	MW-6	Dissolved	Water	3010A	
500-201166-1 MSD	MW-6	Dissolved	Water	3010A	
500-201166-1 DU	MW-6	Dissolved	Water	3010A	

Analysis Batch: 606407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	6010B	606188
500-201166-2	MW-8	Dissolved	Water	6010B	606188
500-201166-3	MW-9	Dissolved	Water	6010B	606188
500-201166-4	MW-10	Dissolved	Water	6010B	606188
500-201166-5	MW-11	Dissolved	Water	6010B	606188
MB 500-606188/1-A	Method Blank	Total/NA	Water	6010B	606188
LCS 500-606188/2-A	Lab Control Sample	Total/NA	Water	6010B	606188
500-201166-1 MS	MW-6	Dissolved	Water	6010B	606188
500-201166-1 MSD	MW-6	Dissolved	Water	6010B	606188
500-201166-1 DU	MW-6	Dissolved	Water	6010B	606188

Analysis Batch: 606472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	SM 2340B	606188
500-201166-2	MW-8	Dissolved	Water	SM 2340B	606188
500-201166-3	MW-9	Dissolved	Water	SM 2340B	606188
500-201166-4	MW-10	Dissolved	Water	SM 2340B	606188
500-201166-5	MW-11	Dissolved	Water	SM 2340B	606188

Analysis Batch: 606889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-6	MW-13	Dissolved	Water	6010B	606188
500-201166-7	MW-14	Dissolved	Water	6010B	606188
500-201166-8	MW-15A	Dissolved	Water	6010B	606188
500-201166-9	MW-15B	Dissolved	Water	6010B	606188
500-201166-10	MW-15C	Dissolved	Water	6010B	606188
500-201166-11	MW-16	Dissolved	Water	6010B	606188

Analysis Batch: 606952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-6	MW-13	Dissolved	Water	SM 2340B	606188
500-201166-7	MW-14	Dissolved	Water	SM 2340B	606188
500-201166-8	MW-15A	Dissolved	Water	SM 2340B	606188
500-201166-9	MW-15B	Dissolved	Water	SM 2340B	606188
500-201166-10	MW-15C	Dissolved	Water	SM 2340B	606188

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QC Association Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Metals (Continued)

Analysis Batch: 606952 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-11	MW-16	Dissolved	Water	SM 2340B	606188

General Chemistry

Analysis Batch: 607165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	SM 2320B	
500-201166-2	MW-8	Dissolved	Water	SM 2320B	
500-201166-3	MW-9	Dissolved	Water	SM 2320B	
500-201166-4	MW-10	Dissolved	Water	SM 2320B	
500-201166-5	MW-11	Dissolved	Water	SM 2320B	
500-201166-6	MW-13	Dissolved	Water	SM 2320B	
500-201166-7	MW-14	Dissolved	Water	SM 2320B	
500-201166-8	MW-15A	Dissolved	Water	SM 2320B	
500-201166-9	MW-15B	Dissolved	Water	SM 2320B	
500-201166-10	MW-15C	Dissolved	Water	SM 2320B	
500-201166-11	MW-16	Dissolved	Water	SM 2320B	
MB 500-607165/2	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-607165/3	Lab Control Sample	Total/NA	Water	SM 2320B	
500-201166-4 DU	MW-10	Dissolved	Water	SM 2320B	

Prep Batch: 607399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	SM 5220	
500-201166-2	MW-8	Dissolved	Water	SM 5220	
500-201166-3	MW-9	Dissolved	Water	SM 5220	
500-201166-4	MW-10	Dissolved	Water	SM 5220	
500-201166-5	MW-11	Dissolved	Water	SM 5220	
500-201166-6	MW-13	Dissolved	Water	SM 5220	
500-201166-7	MW-14	Dissolved	Water	SM 5220	
500-201166-8	MW-15A	Dissolved	Water	SM 5220	
500-201166-9	MW-15B	Dissolved	Water	SM 5220	
500-201166-10	MW-15C	Dissolved	Water	SM 5220	
500-201166-11	MW-16	Dissolved	Water	SM 5220	
MB 500-607399/1-A	Method Blank	Total/NA	Water	SM 5220	
LCS 500-607399/2-A	Lab Control Sample	Total/NA	Water	SM 5220	
500-201166-4 MS	MW-10	Dissolved	Water	SM 5220	
500-201166-4 MSD	MW-10	Dissolved	Water	SM 5220	

Analysis Batch: 607527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	SM 5220C	607399
500-201166-2	MW-8	Dissolved	Water	SM 5220C	607399
500-201166-3	MW-9	Dissolved	Water	SM 5220C	607399
500-201166-4	MW-10	Dissolved	Water	SM 5220C	607399
500-201166-5	MW-11	Dissolved	Water	SM 5220C	607399
500-201166-6	MW-13	Dissolved	Water	SM 5220C	607399
500-201166-7	MW-14	Dissolved	Water	SM 5220C	607399
500-201166-8	MW-15A	Dissolved	Water	SM 5220C	607399
500-201166-9	MW-15B	Dissolved	Water	SM 5220C	607399
500-201166-10	MW-15C	Dissolved	Water	SM 5220C	607399

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QC Association Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

General Chemistry (Continued)

Analysis Batch: 607527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-11	MW-16	Dissolved	Water	SM 5220C	607399
MB 500-607399/1-A	Method Blank	Total/NA	Water	SM 5220C	607399
LCS 500-607399/2-A	Lab Control Sample	Total/NA	Water	SM 5220C	607399
500-201166-4 MS	MW-10	Dissolved	Water	SM 5220C	607399
500-201166-4 MSD	MW-10	Dissolved	Water	SM 5220C	607399

Analysis Batch: 607925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Dissolved	Water	SM 4500 Cl- E	
500-201166-2	MW-8	Dissolved	Water	SM 4500 Cl- E	
500-201166-3	MW-9	Dissolved	Water	SM 4500 Cl- E	
500-201166-4	MW-10	Dissolved	Water	SM 4500 Cl- E	
500-201166-5	MW-11	Dissolved	Water	SM 4500 Cl- E	
500-201166-6	MW-13	Dissolved	Water	SM 4500 Cl- E	
500-201166-7	MW-14	Dissolved	Water	SM 4500 Cl- E	
500-201166-8	MW-15A	Dissolved	Water	SM 4500 Cl- E	
500-201166-9	MW-15B	Dissolved	Water	SM 4500 Cl- E	
500-201166-10	MW-15C	Dissolved	Water	SM 4500 Cl- E	
500-201166-11	MW-16	Dissolved	Water	SM 4500 Cl- E	
MB 500-607925/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 500-607925/39	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-607925/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 500-607925/40	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
500-201166-1 MS	MW-6	Dissolved	Water	SM 4500 Cl- E	
500-201166-1 MSD	MW-6	Dissolved	Water	SM 4500 Cl- E	

Field Service / Mobile Lab

Analysis Batch: 607488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201166-1	MW-6	Total/NA	Water	Field Sampling	
500-201166-2	MW-8	Total/NA	Water	Field Sampling	
500-201166-3	MW-9	Total/NA	Water	Field Sampling	
500-201166-4	MW-10	Total/NA	Water	Field Sampling	
500-201166-5	MW-11	Total/NA	Water	Field Sampling	
500-201166-6	MW-13	Total/NA	Water	Field Sampling	
500-201166-7	MW-14	Total/NA	Water	Field Sampling	
500-201166-8	MW-15A	Total/NA	Water	Field Sampling	
500-201166-9	MW-15B	Total/NA	Water	Field Sampling	
500-201166-10	MW-15C	Total/NA	Water	Field Sampling	
500-201166-11	MW-16	Total/NA	Water	Field Sampling	

Surrogate Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-201166-1	MW-6	100	97	118	94
500-201166-2	MW-8	99	97	116	95
500-201166-3	MW-9	99	97	119	94
500-201166-4	MW-10	99	97	119	93
500-201166-5	MW-11	87	111	116	96
500-201166-6	MW-13	89	114	118	95
500-201166-7	MW-14	88	112	117	95
500-201166-8	MW-15A	90	114	119	97
500-201166-9	MW-15B	89	110	118	96
500-201166-10	MW-15C	90	113	119	95
500-201166-11	MW-16	90	113	121	95
500-201166-12	MW-116	89	114	118	95
500-201166-12 MS	MW-116	87	110	114	97
500-201166-12 MSD	MW-116	90	109	114	97
500-201166-13	Trip Blank	89	112	118	97
LCS 500-606874/4	Lab Control Sample	93	95	107	100
LCS 500-606957/8	Lab Control Sample	82	108	114	96
LCS 500-607193/4	Lab Control Sample	84	110	114	96
MB 500-606874/6	Method Blank	100	95	112	94
MB 500-606957/6	Method Blank	85	110	116	96
MB 500-607193/6	Method Blank	86	109	116	96

Surrogate Legend

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (40-145)	FBP (34-110)	2FP (27-110)	NBZ (36-120)	PHL (20-110)	TPHL (40-145)
500-201166-6	MW-13	62 ^c	91	56	89	40	134
LCS 500-605165/2-A	Lab Control Sample	103	74	54	89	52	106
MB 500-605165/1-A	Method Blank	89	64	46	73	35	96

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: MB 500-606874/6
Matrix: Water
Analysis Batch: 606874

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<1.7		10	1.7	ug/L			06/30/21 11:51	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 11:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 11:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 11:51	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 11:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 11:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 11:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/30/21 11:51	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 11:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 11:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 11:51	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 11:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 11:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 11:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 11:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/30/21 11:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 11:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 11:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 11:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 11:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 11:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 11:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 11:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 11:51	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 11:51	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 11:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/30/21 11:51	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 11:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 11:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 11:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 11:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 11:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: MB 500-606874/6
Matrix: Water
Analysis Batch: 606874

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 11:51	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 11:51	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 11:51	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 11:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 11:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 11:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 11:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 11:51	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 11:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 11:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 11:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 11:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 11:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		06/30/21 11:51	1
Dibromofluoromethane	95		75 - 120		06/30/21 11:51	1
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		06/30/21 11:51	1
Toluene-d8 (Surr)	94		75 - 120		06/30/21 11:51	1

Lab Sample ID: LCS 500-606874/4
Matrix: Water
Analysis Batch: 606874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	48.2		ug/L		96	40 - 143
Benzene	50.0	47.9		ug/L		96	70 - 120
Bromobenzene	50.0	38.2		ug/L		76	70 - 122
Bromochloromethane	50.0	43.9		ug/L		88	65 - 122
Bromodichloromethane	50.0	41.8		ug/L		84	69 - 120
Bromoform	50.0	29.5		ug/L		59	56 - 132
Carbon disulfide	50.0	50.2		ug/L		100	66 - 120
Carbon tetrachloride	50.0	52.4		ug/L		105	59 - 133
Chlorobenzene	50.0	46.6		ug/L		93	70 - 120
Chloroethane	50.0	66.2		ug/L		132	48 - 136
Chloroform	50.0	48.9		ug/L		98	70 - 120
2-Chlorotoluene	50.0	47.9		ug/L		96	70 - 125
4-Chlorotoluene	50.0	48.0		ug/L		96	68 - 124
cis-1,2-Dichloroethylene	50.0	46.4		ug/L		93	70 - 125
cis-1,3-Dichloropropene	50.0	41.0		ug/L		82	64 - 127
Dibromochloromethane	50.0	34.2		ug/L		68	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	31.9		ug/L		64	56 - 123
1,2-Dibromoethane	50.0	38.2		ug/L		76	70 - 125
Dichlorodifluoromethane	50.0	67.3		ug/L		135	40 - 159
1,1-Dichloroethane	50.0	50.8		ug/L		102	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: LCS 500-606874/4
Matrix: Water
Analysis Batch: 606874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	51.0		ug/L		102	68 - 127
1,1-Dichloroethylene	50.0	52.2		ug/L		104	67 - 122
1,2-Dichloropropane	50.0	48.6		ug/L		97	67 - 130
1,3-Dichloropropane	50.0	42.6		ug/L		85	62 - 136
2,2-Dichloropropane	50.0	50.5		ug/L		101	58 - 139
1,1-Dichloropropene	50.0	52.8		ug/L		106	70 - 121
Ethylbenzene	50.0	50.0		ug/L		100	70 - 123
Hexachlorobutadiene	50.0	60.6		ug/L		121	51 - 150
Isopropylbenzene	50.0	48.5		ug/L		97	70 - 126
1,3-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 125
Methyl bromide	50.0	59.4		ug/L		119	40 - 152
Methyl chloride	50.0	61.3		ug/L		123	56 - 152
Methylene bromide	50.0	44.3		ug/L		89	70 - 120
Methylene Chloride	50.0	46.0		ug/L		92	69 - 125
Methyl ethyl ketone (MEK)	50.0	44.2		ug/L		88	46 - 144
Methyl tert-butyl ether	50.0	54.7		ug/L		109	55 - 123
Naphthalene	50.0	41.3		ug/L		83	53 - 144
n-Butylbenzene	50.0	58.6		ug/L		117	68 - 125
N-Propylbenzene	50.0	50.3		ug/L		101	69 - 127
1,2-Dichlorobenzene	50.0	42.8		ug/L		86	70 - 125
1,4-Dichlorobenzene	50.0	44.0		ug/L		88	70 - 120
p-Isopropyltoluene	50.0	55.2		ug/L		110	70 - 125
sec-Butylbenzene	50.0	53.3		ug/L		107	70 - 123
Styrene	50.0	46.1		ug/L		92	70 - 120
tert-Butylbenzene	50.0	51.5		ug/L		103	70 - 121
1,1,1,2-Tetrachloroethane	50.0	45.6		ug/L		91	70 - 125
1,1,2,2-Tetrachloroethane	50.0	34.8		ug/L		70	62 - 140
Tetrachloroethylene	50.0	47.0		ug/L		94	70 - 128
Tetrahydrofuran	100	101		ug/L		101	59 - 139
Toluene	50.0	47.6		ug/L		95	70 - 125
1,2-trans-Dichloroethylene	50.0	49.7		ug/L		99	70 - 125
trans-1,3-Dichloropropene	50.0	39.1		ug/L		78	62 - 128
1,2,3-Trichlorobenzene	50.0	48.6		ug/L		97	51 - 145
1,2,4-Trichlorobenzene	50.0	47.8		ug/L		96	57 - 137
1,1,1-Trichloroethane	50.0	54.9		ug/L		110	70 - 125
1,1,2-Trichloroethane	50.0	39.6		ug/L		79	71 - 130
Trichloroethylene	50.0	46.0		ug/L		92	70 - 125
Trichlorofluoromethane	50.0	52.7		ug/L		105	55 - 128
1,2,3-Trichloropropane	50.0	36.8		ug/L		74	50 - 133
1,2,4-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
1,3,5-Trimethylbenzene	50.0	50.1		ug/L		100	70 - 123
Vinyl chloride	50.0	54.6		ug/L		109	64 - 126
Xylenes, Total	100	108		ug/L		108	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		72 - 124
Dibromofluoromethane	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	107		75 - 126

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: LCS 500-606874/4
Matrix: Water
Analysis Batch: 606874

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	100		75 - 120

Lab Sample ID: MB 500-606957/6
Matrix: Water
Analysis Batch: 606957

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

Analyte	MB MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<1.7		10	1.7	ug/L			06/30/21 13:17	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 13:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 13:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 13:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 13:17	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 13:17	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 13:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 13:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/30/21 13:17	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 13:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 13:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 13:17	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 13:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 13:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 13:17	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 13:17	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/30/21 13:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 13:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 13:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 13:17	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 13:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 13:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 13:17	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 13:17	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 13:17	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 13:17	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 13:17	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 13:17	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 13:17	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/30/21 13:17	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 13:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 13:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 13:17	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 13:17	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: MB 500-606957/6
Matrix: Water
Analysis Batch: 606957

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 13:17	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 13:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 13:17	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 13:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 13:17	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 13:17	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 13:17	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 13:17	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 13:17	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 13:17	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 13:17	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 13:17	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 13:17	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 13:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 13:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 13:17	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 13:17	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 13:17	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 13:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 13:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 13:17	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 13:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 13:17	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	85		72 - 124		06/30/21 13:17	1
Dibromofluoromethane	110		75 - 120		06/30/21 13:17	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126		06/30/21 13:17	1
Toluene-d8 (Surr)	96		75 - 120		06/30/21 13:17	1

Lab Sample ID: LCS 500-606957/8
Matrix: Water
Analysis Batch: 606957

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	53.2		ug/L		106	70 - 120
Bromobenzene	50.0	46.8		ug/L		94	70 - 122
Bromochloromethane	50.0	55.0		ug/L		110	65 - 122
Bromodichloromethane	50.0	54.6		ug/L		109	69 - 120
Bromoform	50.0	60.1		ug/L		120	56 - 132
Carbon disulfide	50.0	52.8		ug/L		106	66 - 120
Carbon tetrachloride	50.0	65.6		ug/L		131	59 - 133
Chlorobenzene	50.0	49.8		ug/L		100	70 - 120
Chloroethane	50.0	42.8		ug/L		86	48 - 136
Chloroform	50.0	53.5		ug/L		107	70 - 120
2-Chlorotoluene	50.0	45.6		ug/L		91	70 - 125
4-Chlorotoluene	50.0	46.7		ug/L		93	68 - 124

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: LCS 500-606957/8

Matrix: Water

Analysis Batch: 606957

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-Dichloroethylene	50.0	51.3		ug/L		103	70 - 125
cis-1,3-Dichloropropene	50.0	50.1		ug/L		100	64 - 127
Dibromochloromethane	50.0	54.4		ug/L		109	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.3		ug/L		99	56 - 123
1,2-Dibromoethane	50.0	50.9		ug/L		102	70 - 125
Dichlorodifluoromethane	50.0	51.2		ug/L		102	40 - 159
1,1-Dichloroethane	50.0	46.1		ug/L		92	70 - 125
1,2-Dichloroethane	50.0	54.7		ug/L		109	68 - 127
1,1-Dichloroethylene	50.0	53.6		ug/L		107	67 - 122
1,2-Dichloropropane	50.0	43.2		ug/L		86	67 - 130
1,3-Dichloropropane	50.0	53.1		ug/L		106	62 - 136
2,2-Dichloropropane	50.0	55.1		ug/L		110	58 - 139
1,1-Dichloropropene	50.0	59.0		ug/L		118	70 - 121
Ethylbenzene	50.0	50.7		ug/L		101	70 - 123
Hexachlorobutadiene	50.0	47.4		ug/L		95	51 - 150
Isopropylbenzene	50.0	47.8		ug/L		96	70 - 126
1,3-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 125
Methyl bromide	50.0	75.6		ug/L		151	40 - 152
Methyl chloride	50.0	35.0		ug/L		70	56 - 152
Methylene bromide	50.0	58.6		ug/L		117	70 - 120
Methylene Chloride	50.0	49.2		ug/L		98	69 - 125
Methyl ethyl ketone (MEK)	50.0	48.5		ug/L		97	46 - 144
Methyl tert-butyl ether	50.0	51.8		ug/L		104	55 - 123
Naphthalene	50.0	38.8		ug/L		78	53 - 144
n-Butylbenzene	50.0	48.5		ug/L		97	68 - 125
N-Propylbenzene	50.0	47.1		ug/L		94	69 - 127
1,2-Dichlorobenzene	50.0	47.6		ug/L		95	70 - 125
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 120
p-Isopropyltoluene	50.0	47.8		ug/L		96	70 - 125
sec-Butylbenzene	50.0	47.8		ug/L		96	70 - 123
Styrene	50.0	53.7		ug/L		107	70 - 120
tert-Butylbenzene	50.0	45.8		ug/L		92	70 - 121
1,1,1,2-Tetrachloroethane	50.0	54.7		ug/L		109	70 - 125
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/L		89	62 - 140
Tetrachloroethylene	50.0	56.7		ug/L		113	70 - 128
Tetrahydrofuran	100	82.1		ug/L		82	59 - 139
Toluene	50.0	50.3		ug/L		101	70 - 125
1,2-trans-Dichloroethylene	50.0	52.4		ug/L		105	70 - 125
trans-1,3-Dichloropropene	50.0	51.9		ug/L		104	62 - 128
1,2,3-Trichlorobenzene	50.0	39.7		ug/L		79	51 - 145
1,2,4-Trichlorobenzene	50.0	42.3		ug/L		85	57 - 137
1,1,1-Trichloroethane	50.0	60.0		ug/L		120	70 - 125
1,1,2-Trichloroethane	50.0	49.7		ug/L		99	71 - 130
Trichloroethylene	50.0	57.5		ug/L		115	70 - 125
Trichlorofluoromethane	50.0	57.8		ug/L		116	55 - 128
1,2,3-Trichloropropane	50.0	49.2		ug/L		98	50 - 133
1,2,4-Trimethylbenzene	50.0	47.9		ug/L		96	70 - 123
1,3,5-Trimethylbenzene	50.0	48.0		ug/L		96	70 - 123
Vinyl chloride	50.0	40.7		ug/L		81	64 - 126

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: LCS 500-606957/8
Matrix: Water
Analysis Batch: 606957

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, Total	100	103		ug/L		103	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		72 - 124
Dibromofluoromethane	108		75 - 120
1,2-Dichloroethane-d4 (Surr)	114		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-607193/6
Matrix: Water
Analysis Batch: 607193

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 12:37	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 12:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 12:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 12:37	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 12:37	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 12:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 12:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 12:37	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 12:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 12:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 12:37	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 12:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 12:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 12:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 12:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 12:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 12:37	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 12:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 12:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 12:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 12:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 12:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 12:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/01/21 12:37	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 12:37	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/01/21 12:37	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 12:37	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: MB 500-607193/6
Matrix: Water
Analysis Batch: 607193

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 12:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 12:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 12:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 12:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 12:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 12:37	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 12:37	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 12:37	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 12:37	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 12:37	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 12:37	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 12:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 12:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 12:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 12:37	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 12:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/01/21 12:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 12:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 12:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 12:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 12:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 12:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124		07/01/21 12:37	1
Dibromofluoromethane	109		75 - 120		07/01/21 12:37	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126		07/01/21 12:37	1
Toluene-d8 (Surr)	96		75 - 120		07/01/21 12:37	1

Lab Sample ID: LCS 500-607193/4
Matrix: Water
Analysis Batch: 607193

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	50.0		ug/L		100	40 - 143
Benzene	50.0	53.9		ug/L		108	70 - 120
Bromobenzene	50.0	50.1		ug/L		100	70 - 122
Bromochloromethane	50.0	59.3		ug/L		119	65 - 122
Bromodichloromethane	50.0	57.7		ug/L		115	69 - 120
Bromoform	50.0	62.5		ug/L		125	56 - 132
Carbon disulfide	50.0	52.0		ug/L		104	66 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: LCS 500-607193/4

Matrix: Water

Analysis Batch: 607193

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	50.0	65.9		ug/L		132	59 - 133
Chlorobenzene	50.0	51.1		ug/L		102	70 - 120
Chloroethane	50.0	48.8		ug/L		98	48 - 136
Chloroform	50.0	55.1		ug/L		110	70 - 120
2-Chlorotoluene	50.0	47.8		ug/L		96	70 - 125
4-Chlorotoluene	50.0	48.4		ug/L		97	68 - 124
cis-1,2-Dichloroethylene	50.0	52.5		ug/L		105	70 - 125
cis-1,3-Dichloropropene	50.0	52.8		ug/L		106	64 - 127
Dibromochloromethane	50.0	56.4		ug/L		113	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.8		ug/L		102	56 - 123
1,2-Dibromoethane	50.0	52.2		ug/L		104	70 - 125
Dichlorodifluoromethane	50.0	59.1		ug/L		118	40 - 159
1,1-Dichloroethane	50.0	47.4		ug/L		95	70 - 125
1,2-Dichloroethane	50.0	56.6		ug/L		113	68 - 127
1,1-Dichloroethylene	50.0	53.0		ug/L		106	67 - 122
1,2-Dichloropropane	50.0	44.7		ug/L		89	67 - 130
1,3-Dichloropropane	50.0	55.3		ug/L		111	62 - 136
2,2-Dichloropropane	50.0	56.4		ug/L		113	58 - 139
1,1-Dichloropropene	50.0	59.2		ug/L		118	70 - 121
Ethylbenzene	50.0	52.0		ug/L		104	70 - 123
Hexachlorobutadiene	50.0	48.2		ug/L		96	51 - 150
Isopropylbenzene	50.0	49.4		ug/L		99	70 - 126
1,3-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
Methyl bromide	50.0	88.6	*	ug/L		177	40 - 152
Methyl chloride	50.0	38.7		ug/L		77	56 - 152
Methylene bromide	50.0	60.4	*	ug/L		121	70 - 120
Methylene Chloride	50.0	50.7		ug/L		101	69 - 125
Methyl ethyl ketone (MEK)	50.0	44.4		ug/L		89	46 - 144
Methyl tert-butyl ether	50.0	53.7		ug/L		107	55 - 123
Naphthalene	50.0	41.3		ug/L		83	53 - 144
n-Butylbenzene	50.0	48.9		ug/L		98	68 - 125
N-Propylbenzene	50.0	48.7		ug/L		97	69 - 127
1,2-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 125
1,4-Dichlorobenzene	50.0	51.4		ug/L		103	70 - 120
p-Isopropyltoluene	50.0	49.0		ug/L		98	70 - 125
sec-Butylbenzene	50.0	48.7		ug/L		97	70 - 123
Styrene	50.0	55.2		ug/L		110	70 - 120
tert-Butylbenzene	50.0	47.0		ug/L		94	70 - 121
1,1,1,2-Tetrachloroethane	50.0	56.5		ug/L		113	70 - 125
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	62 - 140
Tetrachloroethylene	50.0	57.0		ug/L		114	70 - 128
Tetrahydrofuran	100	81.8		ug/L		82	59 - 139
Toluene	50.0	51.4		ug/L		103	70 - 125
1,2-trans-Dichloroethylene	50.0	52.5		ug/L		105	70 - 125
trans-1,3-Dichloropropene	50.0	54.7		ug/L		109	62 - 128
1,2,3-Trichlorobenzene	50.0	42.5		ug/L		85	51 - 145
1,2,4-Trichlorobenzene	50.0	45.4		ug/L		91	57 - 137
1,1,1-Trichloroethane	50.0	61.1		ug/L		122	70 - 125
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	71 - 130

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: LCS 500-607193/4

Matrix: Water

Analysis Batch: 607193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethylene	50.0	58.2		ug/L		116	70 - 125
Trichlorofluoromethane	50.0	65.4	*	ug/L		131	55 - 128
1,2,3-Trichloropropane	50.0	51.7		ug/L		103	50 - 133
1,2,4-Trimethylbenzene	50.0	50.3		ug/L		101	70 - 123
1,3,5-Trimethylbenzene	50.0	49.7		ug/L		99	70 - 123
Vinyl chloride	50.0	46.2		ug/L		92	64 - 126
Xylenes, Total	100	106		ug/L		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		72 - 124
Dibromofluoromethane	110		75 - 120
1,2-Dichloroethane-d4 (Surr)	114		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: 500-201166-12 MS

Matrix: Water

Analysis Batch: 607193

Client Sample ID: MW-116

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	<1.7		50.0	39.7		ug/L		79	40 - 143
Benzene	<0.15		50.0	55.4		ug/L		111	70 - 120
Bromobenzene	<0.36		50.0	52.2		ug/L		104	70 - 122
Bromochloromethane	<0.43		50.0	57.3		ug/L		115	65 - 122
Bromodichloromethane	<0.37		50.0	56.9		ug/L		114	69 - 120
Bromoform	<0.48		50.0	58.6		ug/L		117	56 - 132
Carbon disulfide	<0.45		50.0	53.0		ug/L		106	66 - 120
Carbon tetrachloride	<0.38		50.0	67.4	F1	ug/L		135	59 - 133
Chlorobenzene	<0.39		50.0	51.6		ug/L		103	70 - 120
Chloroethane	<0.51		50.0	44.3		ug/L		89	48 - 136
Chloroform	<0.37		50.0	56.4		ug/L		113	70 - 120
2-Chlorotoluene	<0.31		50.0	50.0		ug/L		100	70 - 125
4-Chlorotoluene	<0.35		50.0	49.5		ug/L		99	68 - 124
cis-1,2-Dichloroethylene	<0.41		50.0	53.5		ug/L		107	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	49.8		ug/L		100	64 - 127
Dibromochloromethane	<0.49		50.0	55.3		ug/L		111	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	49.7		ug/L		99	56 - 123
1,2-Dibromoethane	<0.39		50.0	50.0		ug/L		100	70 - 125
Dichlorodifluoromethane	<0.67		50.0	52.5		ug/L		105	40 - 159
1,1-Dichloroethane	<0.41		50.0	48.2		ug/L		96	70 - 125
1,2-Dichloroethane	<0.39		50.0	56.3		ug/L		113	68 - 127
1,1-Dichloroethylene	<0.39		50.0	53.8		ug/L		108	67 - 122
1,2-Dichloropropane	<0.43		50.0	45.1		ug/L		90	67 - 130
1,3-Dichloropropane	<0.36		50.0	53.0		ug/L		106	62 - 136
2,2-Dichloropropane	<0.44		50.0	53.2		ug/L		106	58 - 139
1,1-Dichloropropene	<0.30		50.0	59.7		ug/L		119	70 - 121
Ethylbenzene	<0.18		50.0	52.5		ug/L		105	70 - 123
Hexachlorobutadiene	<0.45		50.0	47.2		ug/L		94	51 - 150
Isopropylbenzene	<0.39		50.0	53.1		ug/L		106	70 - 126

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: 500-201166-12 MS

Client Sample ID: MW-116

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 607193

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	<0.40		50.0	51.2		ug/L		102	70 - 125
Methyl bromide	<0.80	^c *	50.0	81.1	F1	ug/L		162	40 - 152
Methyl chloride	<0.32		50.0	34.6		ug/L		69	56 - 152
Methylene bromide	<0.27	*	50.0	58.0		ug/L		116	70 - 120
Methylene Chloride	<1.6		50.0	50.8		ug/L		102	69 - 125
Methyl ethyl ketone (MEK)	<2.1		50.0	39.4		ug/L		79	46 - 144
Methyl tert-butyl ether	<0.39		50.0	49.6		ug/L		99	55 - 123
Naphthalene	<0.34		50.0	35.6		ug/L		71	53 - 144
n-Butylbenzene	<0.39		50.0	46.3		ug/L		93	68 - 125
N-Propylbenzene	<0.41		50.0	50.6		ug/L		101	69 - 127
1,2-Dichlorobenzene	<0.33		50.0	50.7		ug/L		101	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	50.8		ug/L		102	70 - 120
p-Isopropyltoluene	<0.36		50.0	49.3		ug/L		99	70 - 125
sec-Butylbenzene	<0.40		50.0	51.2		ug/L		102	70 - 123
Styrene	<0.39		50.0	53.8		ug/L		108	70 - 120
tert-Butylbenzene	<0.40		50.0	51.2		ug/L		102	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	57.3		ug/L		115	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	46.0		ug/L		92	62 - 140
Tetrachloroethylene	<0.37		50.0	56.0		ug/L		112	70 - 128
Tetrahydrofuran	<1.9		100	73.9		ug/L		74	59 - 139
Toluene	<0.15		50.0	52.6		ug/L		105	70 - 125
1,2-trans-Dichloroethylene	<0.35		50.0	52.9		ug/L		106	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	51.0		ug/L		102	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	35.5		ug/L		71	51 - 145
1,2,4-Trichlorobenzene	<0.34		50.0	36.4		ug/L		73	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	61.6		ug/L		123	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	50.7		ug/L		101	71 - 130
Trichloroethylene	<0.16		50.0	58.2		ug/L		116	70 - 125
Trichlorofluoromethane	<0.43	*	50.0	60.3		ug/L		121	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	52.3		ug/L		105	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	50.9		ug/L		102	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	51.8		ug/L		104	70 - 123
Vinyl chloride	<0.20		50.0	41.4		ug/L		83	64 - 126
Xylenes, Total	<0.22		100	106		ug/L		106	70 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		72 - 124
Dibromofluoromethane	110		75 - 120
1,2-Dichloroethane-d4 (Surr)	114		75 - 126
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: 500-201166-12 MSD

Client Sample ID: MW-116

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 607193

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	<1.7		50.0	36.9		ug/L		74	40 - 143	7	20
Benzene	<0.15		50.0	53.5		ug/L		107	70 - 120	3	20

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: 500-201166-12 MSD
Matrix: Water
Analysis Batch: 607193

Client Sample ID: MW-116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	<0.36		50.0	52.2		ug/L		104	70 - 122	0	20
Bromochloromethane	<0.43		50.0	55.3		ug/L		111	65 - 122	4	20
Bromodichloromethane	<0.37		50.0	54.7		ug/L		109	69 - 120	4	20
Bromoform	<0.48		50.0	57.5		ug/L		115	56 - 132	2	20
Carbon disulfide	<0.45		50.0	50.1		ug/L		100	66 - 120	6	20
Carbon tetrachloride	<0.38		50.0	65.4		ug/L		131	59 - 133	3	20
Chlorobenzene	<0.39		50.0	49.4		ug/L		99	70 - 120	4	20
Chloroethane	<0.51		50.0	46.0		ug/L		92	48 - 136	4	20
Chloroform	<0.37		50.0	54.6		ug/L		109	70 - 120	3	20
2-Chlorotoluene	<0.31		50.0	50.3		ug/L		101	70 - 125	1	20
4-Chlorotoluene	<0.35		50.0	48.8		ug/L		98	68 - 124	2	20
cis-1,2-Dichloroethylene	<0.41		50.0	50.8		ug/L		102	70 - 125	5	20
cis-1,3-Dichloropropene	<0.42		50.0	47.9		ug/L		96	64 - 127	4	20
Dibromochloromethane	<0.49		50.0	53.6		ug/L		107	68 - 125	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	49.9		ug/L		100	56 - 123	0	20
1,2-Dibromoethane	<0.39		50.0	48.7		ug/L		97	70 - 125	3	20
Dichlorodifluoromethane	<0.67		50.0	53.9		ug/L		108	40 - 159	3	20
1,1-Dichloroethane	<0.41		50.0	46.6		ug/L		93	70 - 125	3	20
1,2-Dichloroethane	<0.39		50.0	53.8		ug/L		108	68 - 127	5	20
1,1-Dichloroethylene	<0.39		50.0	52.6		ug/L		105	67 - 122	2	20
1,2-Dichloropropane	<0.43		50.0	43.8		ug/L		88	67 - 130	3	20
1,3-Dichloropropane	<0.36		50.0	51.6		ug/L		103	62 - 136	3	20
2,2-Dichloropropane	<0.44		50.0	51.9		ug/L		104	58 - 139	2	20
1,1-Dichloropropene	<0.30		50.0	56.8		ug/L		114	70 - 121	5	20
Ethylbenzene	<0.18		50.0	50.2		ug/L		100	70 - 123	5	20
Hexachlorobutadiene	<0.45		50.0	49.0		ug/L		98	51 - 150	4	20
Isopropylbenzene	<0.39		50.0	53.3		ug/L		107	70 - 126	0	20
1,3-Dichlorobenzene	<0.40		50.0	50.1		ug/L		100	70 - 125	2	20
Methyl bromide	<0.80	^c *	50.0	84.2	F1	ug/L		168	40 - 152	4	20
Methyl chloride	<0.32		50.0	35.9		ug/L		72	56 - 152	4	20
Methylene bromide	<0.27	*	50.0	57.1		ug/L		114	70 - 120	2	20
Methylene Chloride	<1.6		50.0	48.7		ug/L		97	69 - 125	4	20
Methyl ethyl ketone (MEK)	<2.1		50.0	40.2		ug/L		80	46 - 144	2	20
Methyl tert-butyl ether	<0.39		50.0	48.4		ug/L		97	55 - 123	2	20
Naphthalene	<0.34		50.0	36.9		ug/L		74	53 - 144	4	20
n-Butylbenzene	<0.39		50.0	44.3		ug/L		89	68 - 125	4	20
N-Propylbenzene	<0.41		50.0	50.1		ug/L		100	69 - 127	1	20
1,2-Dichlorobenzene	<0.33		50.0	51.3		ug/L		103	70 - 125	1	20
1,4-Dichlorobenzene	<0.36		50.0	49.5		ug/L		99	70 - 120	3	20
p-Isopropyltoluene	<0.36		50.0	48.7		ug/L		97	70 - 125	1	20
sec-Butylbenzene	<0.40		50.0	51.6		ug/L		103	70 - 123	1	20
Styrene	<0.39		50.0	51.8		ug/L		104	70 - 120	4	20
tert-Butylbenzene	<0.40		50.0	52.3		ug/L		105	70 - 121	2	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	55.4		ug/L		111	70 - 125	3	20
1,1,1,2,2-Tetrachloroethane	<0.40		50.0	46.5		ug/L		93	62 - 140	1	20
Tetrachloroethylene	<0.37		50.0	53.9		ug/L		108	70 - 128	4	20
Tetrahydrofuran	<1.9		100	71.3		ug/L		71	59 - 139	4	20
Toluene	<0.15		50.0	50.8		ug/L		102	70 - 125	4	20
1,2-trans-Dichloroethylene	<0.35		50.0	50.8		ug/L		102	70 - 125	4	20

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

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

Lab Sample ID: 500-201166-12 MSD
Matrix: Water
Analysis Batch: 607193

Client Sample ID: MW-116
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	<0.36		50.0	48.7		ug/L		97	62 - 128	5	20
1,2,3-Trichlorobenzene	<0.46		50.0	36.0		ug/L		72	51 - 145	1	20
1,2,4-Trichlorobenzene	<0.34		50.0	35.0		ug/L		70	57 - 137	4	20
1,1,1-Trichloroethane	<0.38		50.0	60.3		ug/L		121	70 - 125	2	20
1,1,2-Trichloroethane	<0.35		50.0	48.4		ug/L		97	71 - 130	5	20
Trichloroethylene	<0.16		50.0	55.7		ug/L		111	70 - 125	5	20
Trichlorofluoromethane	<0.43	*	50.0	61.6		ug/L		123	55 - 128	2	20
1,2,3-Trichloropropane	<0.41		50.0	53.2		ug/L		106	50 - 133	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	50.5		ug/L		101	70 - 123	1	20
1,3,5-Trimethylbenzene	<0.25		50.0	51.7		ug/L		103	70 - 123	0	20
Vinyl chloride	<0.20		50.0	43.4		ug/L		87	64 - 126	5	20
Xylenes, Total	<0.22		100	101		ug/L		101	70 - 125	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		72 - 124
Dibromofluoromethane	109		75 - 120
1,2-Dichloroethane-d4 (Surr)	114		75 - 126
Toluene-d8 (Surr)	97		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-605165/1-A
Matrix: Water
Analysis Batch: 605213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605165

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		1.6	0.19	ug/L		06/21/21 07:12	06/21/21 15:30	1
1,2-Dichlorobenzene	<0.20		1.6	0.20	ug/L		06/21/21 07:12	06/21/21 15:30	1
1,3-Dichlorobenzene	<0.17		1.6	0.17	ug/L		06/21/21 07:12	06/21/21 15:30	1
1,4-Dichlorobenzene	<0.17		1.6	0.17	ug/L		06/21/21 07:12	06/21/21 15:30	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,2'-oxybis[1-chloropropane]	<0.30		1.6	0.30	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,4,5-Trichlorophenol	<2.1		8.0	2.1	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,4,6-Trichlorophenol	<0.57		4.0	0.57	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,4-Dichlorophenol	<2.1		8.0	2.1	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,4-Dimethylphenol	<1.4		8.0	1.4	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,4-Dinitrophenol	<6.9		16	6.9	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,4-Dinitrotoluene	<0.20		0.80	0.20	ug/L		06/21/21 07:12	06/21/21 15:30	1
2,6-Dinitrotoluene	<0.059		0.80	0.059	ug/L		06/21/21 07:12	06/21/21 15:30	1
2-Chloronaphthalene	<0.19		1.6	0.19	ug/L		06/21/21 07:12	06/21/21 15:30	1
2-Chlorophenol	<0.45		4.0	0.45	ug/L		06/21/21 07:12	06/21/21 15:30	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/21/21 07:12	06/21/21 15:30	1
2-Methylphenol	<0.24		1.6	0.24	ug/L		06/21/21 07:12	06/21/21 15:30	1
2-Nitroaniline	<1.0		4.0	1.0	ug/L		06/21/21 07:12	06/21/21 15:30	1
2-Nitrophenol	<2.0		8.0	2.0	ug/L		06/21/21 07:12	06/21/21 15:30	1
3 & 4 Methylphenol	<0.36		1.6	0.36	ug/L		06/21/21 07:12	06/21/21 15:30	1
3,3'-Dichlorobenzidine	<1.4		4.0	1.4	ug/L		06/21/21 07:12	06/21/21 15:30	1
3-Nitroaniline	<1.4		8.0	1.4	ug/L		06/21/21 07:12	06/21/21 15:30	1
4,6-Dinitro-2-methylphenol	<4.7		16	4.7	ug/L		06/21/21 07:12	06/21/21 15:30	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-605165/1-A
Matrix: Water
Analysis Batch: 605213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605165

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.43		4.0	0.43	ug/L		06/21/21 07:12	06/21/21 15:30	1
4-Chloro-3-methylphenol	<1.8		8.0	1.8	ug/L		06/21/21 07:12	06/21/21 15:30	1
4-Chloroaniline	<1.6		8.0	1.6	ug/L		06/21/21 07:12	06/21/21 15:30	1
4-Chlorophenyl phenyl ether	<0.51		4.0	0.51	ug/L		06/21/21 07:12	06/21/21 15:30	1
4-Nitroaniline	<1.3		8.0	1.3	ug/L		06/21/21 07:12	06/21/21 15:30	1
4-Nitrophenol	<5.9		16	5.9	ug/L		06/21/21 07:12	06/21/21 15:30	1
Acenaphthene	<0.25		0.80	0.25	ug/L		06/21/21 07:12	06/21/21 15:30	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		06/21/21 07:12	06/21/21 15:30	1
Anthracene	<0.27		0.80	0.27	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzoic acid	<4.6		16	4.6	ug/L		06/21/21 07:12	06/21/21 15:30	1
Benzyl alcohol	<4.8		16	4.8	ug/L		06/21/21 07:12	06/21/21 15:30	1
Bis(2-chloroethoxy)methane	<0.23		1.6	0.23	ug/L		06/21/21 07:12	06/21/21 15:30	1
Bis(2-chloroethyl)ether	<0.23		1.6	0.23	ug/L		06/21/21 07:12	06/21/21 15:30	1
Bis(2-ethylhexyl) phthalate	<1.4		8.0	1.4	ug/L		06/21/21 07:12	06/21/21 15:30	1
Butyl benzyl phthalate	<0.38		1.6	0.38	ug/L		06/21/21 07:12	06/21/21 15:30	1
Carbazole	<0.28		4.0	0.28	ug/L		06/21/21 07:12	06/21/21 15:30	1
Chrysene	<0.055		0.16	0.055	ug/L		06/21/21 07:12	06/21/21 15:30	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		06/21/21 07:12	06/21/21 15:30	1
Dibenzofuran	<0.21		1.6	0.21	ug/L		06/21/21 07:12	06/21/21 15:30	1
Diethyl phthalate	<0.29		4.0	0.29	ug/L		06/21/21 07:12	06/21/21 15:30	1
Dimethyl phthalate	<0.25		4.0	0.25	ug/L		06/21/21 07:12	06/21/21 15:30	1
Di-n-butyl phthalate	<0.58		4.0	0.58	ug/L		06/21/21 07:12	06/21/21 15:30	1
Di-n-octyl phthalate	<0.84		8.0	0.84	ug/L		06/21/21 07:12	06/21/21 15:30	1
Fluoranthene	<0.36		0.80	0.36	ug/L		06/21/21 07:12	06/21/21 15:30	1
Fluorene	<0.20		0.80	0.20	ug/L		06/21/21 07:12	06/21/21 15:30	1
Hexachlorobenzene	<0.064		0.40	0.064	ug/L		06/21/21 07:12	06/21/21 15:30	1
Hexachlorobutadiene	<0.41		4.0	0.41	ug/L		06/21/21 07:12	06/21/21 15:30	1
Hexachlorocyclopentadiene	<5.1		16	5.1	ug/L		06/21/21 07:12	06/21/21 15:30	1
Hexachloroethane	<0.48		4.0	0.48	ug/L		06/21/21 07:12	06/21/21 15:30	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		06/21/21 07:12	06/21/21 15:30	1
Isophorone	<0.30		1.6	0.30	ug/L		06/21/21 07:12	06/21/21 15:30	1
Naphthalene	<0.25		0.80	0.25	ug/L		06/21/21 07:12	06/21/21 15:30	1
Nitrobenzene	<0.36		0.80	0.36	ug/L		06/21/21 07:12	06/21/21 15:30	1
N-Nitrosodi-n-propylamine	<0.12		0.40	0.12	ug/L		06/21/21 07:12	06/21/21 15:30	1
N-Nitrosodiphenylamine	<0.30		1.6	0.30	ug/L		06/21/21 07:12	06/21/21 15:30	1
Pentachlorophenol	<3.2		16	3.2	ug/L		06/21/21 07:12	06/21/21 15:30	1
Phenanthrene	<0.24		0.80	0.24	ug/L		06/21/21 07:12	06/21/21 15:30	1
Phenol	<0.54		4.0	0.54	ug/L		06/21/21 07:12	06/21/21 15:30	1
Pyrene	<0.34		0.80	0.34	ug/L		06/21/21 07:12	06/21/21 15:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		40 - 145	06/21/21 07:12	06/21/21 15:30	1
2-Fluorobiphenyl	64		34 - 110	06/21/21 07:12	06/21/21 15:30	1

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-605165/1-A
Matrix: Water
Analysis Batch: 605213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605165

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorophenol (Surr)	46		27 - 110	06/21/21 07:12	06/21/21 15:30	1
Nitrobenzene-d5 (Surr)	73		36 - 120	06/21/21 07:12	06/21/21 15:30	1
Phenol-d5 (Surr)	35		20 - 110	06/21/21 07:12	06/21/21 15:30	1
Terphenyl-d14 (Surr)	96		40 - 145	06/21/21 07:12	06/21/21 15:30	1

Lab Sample ID: LCS 500-605165/2-A
Matrix: Water
Analysis Batch: 605213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 605165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2,4-Trichlorobenzene	32.0	14.8		ug/L		46	26 - 110
1,2-Dichlorobenzene	32.0	15.0		ug/L		47	26 - 110
1,3-Dichlorobenzene	32.0	13.3		ug/L		42	22 - 110
1,4-Dichlorobenzene	32.0	13.9		ug/L		43	23 - 110
1-Methylnaphthalene	32.0	20.7		ug/L		65	38 - 110
2,2'-oxybis[1-chloropropane]	32.0	24.2		ug/L		76	38 - 140
2,4,5-Trichlorophenol	32.0	32.4		ug/L		101	63 - 124
2,4,6-Trichlorophenol	32.0	28.8		ug/L		90	62 - 121
2,4-Dichlorophenol	32.0	27.3		ug/L		85	58 - 120
2,4-Dimethylphenol	32.0	28.7		ug/L		90	51 - 115
2,4-Dinitrophenol	64.0	59.0		ug/L		92	37 - 130
2,4-Dinitrotoluene	32.0	34.3		ug/L		107	63 - 129
2,6-Dinitrotoluene	32.0	32.2		ug/L		101	63 - 129
2-Chloronaphthalene	32.0	19.7		ug/L		62	39 - 110
2-Chlorophenol	32.0	25.0		ug/L		78	59 - 110
2-Methylnaphthalene	32.0	19.4		ug/L		61	34 - 110
2-Methylphenol	32.0	25.7		ug/L		80	53 - 115
2-Nitroaniline	32.0	33.6		ug/L		105	59 - 138
2-Nitrophenol	32.0	28.2		ug/L		88	59 - 115
3 & 4 Methylphenol	32.0	23.9		ug/L		75	50 - 116
3,3'-Dichlorobenzidine	32.0	30.7		ug/L		96	60 - 132
3-Nitroaniline	32.0	24.2		ug/L		76	47 - 123
4,6-Dinitro-2-methylphenol	64.0	63.0		ug/L		98	50 - 129
4-Bromophenyl phenyl ether	32.0	21.7		ug/L		68	58 - 120
4-Chloro-3-methylphenol	32.0	32.7		ug/L		102	64 - 128
4-Chloroaniline	32.0	23.1		ug/L		72	35 - 128
4-Chlorophenyl phenyl ether	32.0	19.6		ug/L		61	48 - 116
4-Nitroaniline	32.0	17.2		ug/L		54	35 - 110
4-Nitrophenol	64.0	66.0		ug/L		103	20 - 110
Acenaphthene	32.0	20.6		ug/L		64	46 - 110
Acenaphthylene	32.0	23.4		ug/L		73	47 - 113
Anthracene	32.0	29.2		ug/L		91	67 - 118
Benzo[a]anthracene	32.0	30.3		ug/L		95	70 - 126
Benzo[a]pyrene	32.0	36.2		ug/L		113	70 - 135
Benzo[b]fluoranthene	32.0	31.6		ug/L		99	69 - 136
Benzo[g,h,i]perylene	32.0	32.1		ug/L		100	70 - 135
Benzo[k]fluoranthene	32.0	33.2		ug/L		104	70 - 133
Benzoic acid	64.0	44.6		ug/L		70	10 - 112

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-605165/2-A
Matrix: Water
Analysis Batch: 605213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 605165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl alcohol	32.0	28.1		ug/L		88	46 - 132
Bis(2-chloroethoxy)methane	32.0	29.8		ug/L		93	59 - 118
Bis(2-chloroethyl)ether	32.0	20.7		ug/L		65	54 - 112
Bis(2-ethylhexyl) phthalate	32.0	41.7		ug/L		130	69 - 136
Butyl benzyl phthalate	32.0	39.3		ug/L		123	68 - 135
Carbazole	32.0	31.0		ug/L		97	61 - 145
Chrysene	32.0	31.7		ug/L		99	68 - 129
Dibenz(a,h)anthracene	32.0	34.8		ug/L		109	70 - 134
Dibenzofuran	32.0	22.1		ug/L		69	51 - 110
Diethyl phthalate	32.0	37.0		ug/L		116	62 - 123
Dimethyl phthalate	32.0	32.0		ug/L		100	63 - 122
Di-n-butyl phthalate	32.0	36.9		ug/L		115	69 - 129
Di-n-octyl phthalate	32.0	35.0		ug/L		109	68 - 137
Fluoranthene	32.0	29.8		ug/L		93	68 - 126
Fluorene	32.0	21.4		ug/L		67	53 - 120
Hexachlorobenzene	32.0	27.6		ug/L		86	61 - 126
Hexachlorobutadiene	32.0	12.1		ug/L		38	20 - 100
Hexachlorocyclopentadiene	32.0	10.9	J	ug/L		34	10 - 105
Hexachloroethane	32.0	13.3		ug/L		42	20 - 100
Indeno[1,2,3-cd]pyrene	32.0	33.2		ug/L		104	65 - 133
Isophorone	32.0	29.2		ug/L		91	54 - 127
Naphthalene	32.0	20.5		ug/L		64	36 - 110
Nitrobenzene	32.0	29.0		ug/L		91	54 - 121
N-Nitrosodi-n-propylamine	32.0	27.8		ug/L		87	47 - 131
N-Nitrosodiphenylamine	32.0	28.6		ug/L		89	66 - 120
Pentachlorophenol	64.0	64.3		ug/L		100	42 - 148
Phenanthrene	32.0	28.4		ug/L		89	65 - 120
Phenol	32.0	16.8		ug/L		52	33 - 100
Pyrene	32.0	32.7		ug/L		102	70 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	103		40 - 145
2-Fluorobiphenyl	74		34 - 110
2-Fluorophenol (Surr)	54		27 - 110
Nitrobenzene-d5 (Surr)	89		36 - 120
Phenol-d5 (Surr)	52		20 - 110
Terphenyl-d14 (Surr)	106		40 - 145

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-606188/1-A
Matrix: Water
Analysis Batch: 606407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606188

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.120	J	0.20	0.082	mg/L		06/25/21 08:23	06/25/21 21:26	1
Manganese	<0.0023		0.010	0.0023	mg/L		06/25/21 08:23	06/25/21 21:26	1

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-606188/2-A
Matrix: Water
Analysis Batch: 606407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606188
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Iron	1.00	0.950		mg/L		95	80 - 120
Manganese	0.500	0.494		mg/L		99	80 - 120

Lab Sample ID: 500-201166-1 MS
Matrix: Water
Analysis Batch: 606407

Client Sample ID: MW-6
Prep Type: Dissolved
Prep Batch: 606188
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Iron	<0.082		1.00	1.01		mg/L		101	75 - 125
Manganese	0.0029	J	0.500	0.495		mg/L		98	75 - 125

Lab Sample ID: 500-201166-1 MSD
Matrix: Water
Analysis Batch: 606407

Client Sample ID: MW-6
Prep Type: Dissolved
Prep Batch: 606188
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Iron	<0.082		1.00	1.14		mg/L		114	75 - 125	12	20
Manganese	0.0029	J	0.500	0.503		mg/L		100	75 - 125	2	20

Lab Sample ID: 500-201166-1 DU
Matrix: Water
Analysis Batch: 606407

Client Sample ID: MW-6
Prep Type: Dissolved
Prep Batch: 606188
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Iron	<0.082		1.00	1.42		mg/L				NC	20
Manganese	0.0029	J	0.500	0.00339	J	mg/L				17	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-607165/2
Matrix: Water
Analysis Batch: 607165

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<3.7		5.0	3.7	mg/L			06/30/21 18:15	1

Lab Sample ID: LCS 500-607165/3
Matrix: Water
Analysis Batch: 607165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Alkalinity	100	102.7		mg/L		103	90 - 110

Lab Sample ID: 500-201166-4 DU
Matrix: Water
Analysis Batch: 607165

Client Sample ID: MW-10
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Alkalinity	208		100	204.6		mg/L				2	20

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-607925/16
Matrix: Water
Analysis Batch: 607925

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		2.0	1.0	mg/L			07/05/21 16:10	1

Lab Sample ID: MB 500-607925/39
Matrix: Water
Analysis Batch: 607925

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		2.0	1.0	mg/L			07/05/21 16:14	1

Lab Sample ID: LCS 500-607925/17
Matrix: Water
Analysis Batch: 607925

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.73		mg/L		104	85 - 115

Lab Sample ID: LCS 500-607925/40
Matrix: Water
Analysis Batch: 607925

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.61		mg/L		103	85 - 115

Lab Sample ID: 500-201166-1 MS
Matrix: Water
Analysis Batch: 607925

Client Sample ID: MW-6
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	30.9		20.0	53.48		mg/L		113	75 - 125

Lab Sample ID: 500-201166-1 MSD
Matrix: Water
Analysis Batch: 607925

Client Sample ID: MW-6
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	30.9		20.0	53.47		mg/L		113	75 - 125	0	20

Method: SM 5220C - COD

Lab Sample ID: MB 500-607399/1-A
Matrix: Water
Analysis Batch: 607527

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 607399

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<6.0		10.0	6.0	mg/L		07/02/21 06:57	07/02/21 11:00	1

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QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201166-1

Method: SM 5220C - COD (Continued)

Lab Sample ID: LCS 500-607399/2-A
Matrix: Water
Analysis Batch: 607527

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 607399
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	50.0	48.48		mg/L		97	85 - 115

Lab Sample ID: 500-201166-4 MS
Matrix: Water
Analysis Batch: 607527

Client Sample ID: MW-10
Prep Type: Dissolved
Prep Batch: 607399
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Chemical Oxygen Demand	18.7		50.0	68.18		mg/L		99	75 - 125

Lab Sample ID: 500-201166-4 MSD
Matrix: Water
Analysis Batch: 607527

Client Sample ID: MW-10
Prep Type: Dissolved
Prep Batch: 607399
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chemical Oxygen Demand	18.7		50.0	67.68		mg/L		98	75 - 125	1	20

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-6

Date Collected: 06/17/21 13:30

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	606874	06/30/21 19:19	JMP	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606407	06/25/21 21:33	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606472	06/28/21 08:03	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 18:39	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:10	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:05	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 13:30	JVB	TAL CHI

Client Sample ID: MW-8

Date Collected: 06/17/21 13:10

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	606874	06/30/21 19:47	JMP	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606407	06/25/21 22:18	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606472	06/28/21 08:03	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 18:46	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:10	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:06	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 13:10	JVB	TAL CHI

Client Sample ID: MW-9

Date Collected: 06/17/21 13:40

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	606874	06/30/21 20:14	JMP	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606407	06/25/21 22:21	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606472	06/28/21 08:03	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 18:53	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:11	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:07	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 13:40	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-10

Date Collected: 06/17/21 14:10

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	606874	06/30/21 20:43	JMP	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606407	06/25/21 22:24	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606472	06/28/21 08:03	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:01	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:11	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:02	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 14:10	JVB	TAL CHI

Client Sample ID: MW-11

Date Collected: 06/17/21 10:00

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 13:05	JDD	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606407	06/25/21 22:28	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606472	06/28/21 08:03	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:15	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:11	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:09	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 10:00	JVB	TAL CHI

Client Sample ID: MW-13

Date Collected: 06/17/21 09:15

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 13:33	JDD	TAL CHI
Total/NA	Prep	3510C			605165	06/21/21 07:12	SB	TAL CHI
Total/NA	Analysis	8270D		1	605296	06/21/21 21:28	SS	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606889	06/29/21 15:23	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606952	06/30/21 08:54	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:26	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:11	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:10	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 09:15	JVB	TAL CHI

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-14

Date Collected: 06/17/21 11:00

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 14:01	JDD	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606889	06/29/21 15:26	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606952	06/30/21 08:54	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:33	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:12	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:11	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 11:00	JVB	TAL CHI

Client Sample ID: MW-15A

Date Collected: 06/17/21 11:30

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 14:29	JDD	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606889	06/29/21 15:30	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606952	06/30/21 08:54	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:41	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:12	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:12	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 11:30	JVB	TAL CHI

Client Sample ID: MW-15B

Date Collected: 06/17/21 12:00

Date Received: 06/19/21 10:30

Lab Sample ID: 500-201166-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 14:57	JDD	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606889	06/29/21 15:43	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606952	06/30/21 08:54	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:49	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:12	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:13	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 12:00	JVB	TAL CHI

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1

Client Sample ID: MW-15C

Lab Sample ID: 500-201166-10

Date Collected: 06/17/21 11:45

Matrix: Water

Date Received: 06/19/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 15:25	JDD	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606889	06/29/21 15:46	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606952	06/30/21 08:54	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 19:56	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:12	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:14	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 11:45	JVB	TAL CHI

Client Sample ID: MW-16

Lab Sample ID: 500-201166-11

Date Collected: 06/17/21 12:40

Matrix: Water

Date Received: 06/19/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 15:53	JDD	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	6010B		1	606889	06/29/21 15:49	EEN	TAL CHI
Dissolved	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Dissolved	Analysis	SM 2340B		1	606952	06/30/21 08:54	EEN	TAL CHI
Dissolved	Analysis	SM 2320B		1	607165	06/30/21 20:03	SMO	TAL CHI
Dissolved	Analysis	SM 4500 Cl- E		1	607925	07/05/21 16:12	MS	TAL CHI
Dissolved	Prep	SM 5220			607399	07/02/21 06:57	JGM	TAL CHI
Dissolved	Analysis	SM 5220C		1	607527	07/02/21 11:15	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607488	06/17/21 12:40	JVB	TAL CHI

Client Sample ID: MW-116

Lab Sample ID: 500-201166-12

Date Collected: 06/17/21 00:00

Matrix: Water

Date Received: 06/19/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	607193	07/01/21 16:20	JDD	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-201166-13

Date Collected: 06/17/21 00:00

Matrix: Water

Date Received: 06/19/21 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	606957	06/30/21 17:56	JDD	TAL CHI

Laboratory References:

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

Eurofins TestAmerica, Chicago

Accreditation/Certification Summary

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201166-1


Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

Client Information		Sampler: KAL/BJI		Lab PM: Fredrick Sandie		Carrier Tracking No(s):		COC No: 500-92191-30169 1						
Client Contact: Kirsten Lee		Phone:		E-Mail: sandra.fredrick@eurofinset.com		State of Origin:		Page: Page 1 of 12						
Company: Cedar Corporation			PWSID:			Analysis Requested			Job #: 500-201166					
Address: 604 Wilson Avenue			Due Date Requested:			 <p>500-201166 COC</p>			Preservation Codes					
City: Menomonie			TAT Requested (days):						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 54751			Compliance Project <input type="checkbox"/> Yes <input type="checkbox"/> No						Field Filtered Sample (Yes or No) <input type="checkbox"/> Perform MS/MSD (Yes or No) <input type="checkbox"/> Alk, chloride, COO Total Hardness (Filtered) Diss Fe, Diss Mn (Filtered) VOCs SVOCs					
Phone: 715-235-9081(Tel)			PO #:									Total Number of containers:		
Email: kirsten.lee@cedarcorp.com			Purchase Order not required											
Project Name: Junker Landfill			Project #: 50006557			Special Instructions/Note								
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)								
1 MW-6	6/18/21	1330		Water			X	X	X	X	6			
2 MW-8	↓	1310		Water										
3 MW-9	↓	1340		Water										
4 MW-10	↓	1410		Water										
5 MW-11	↓	1000		Water										
6 MW-13	↓	0915		Water						X				
7 MW-14	↓	1100		Water										
8 MW-15A	↓	1130		Water										
9 MW-15B	↓	1200		Water										
10 MW-15C	↓	1145		Water										
11 MW-16	↓	1240		Water										
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months								
Deliverable Requested I II III IV Other (specify)						Special Instructions/QC Requirements: EDOs, field notes emailed to Sandie								
Empty Kit Relinquished by:			Date:			Time:			Method of Shipment:					
Relinquished by: Kirsten Lee		Date/Time: 6/18/21 1000		Company: Cedar Corp		Received by: Stephanie Hemond		Date/Time: 6/19/21 1030		Company: ETA-CHI				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:				
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:				
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No:			Cooler Temperature(s) °C and Other Remarks: -0.1, 12								

Eurofins TestAmerica, Chicago

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

Chain of Custody Record



Environment Testing
 America

Client Information			Sampler: KAL/BJI		Lab PM: Fredrick Sandie			Carrier Tracking No(s)			COC No 500-92191-30169 2					
Client Contact: Kirsten Lee			Phone		E-Mail sandra.fredrick@eurofinset.com			State of Origin			Page Page 2 of 2					
Company: Cedar Corporation				PWSID		Analysis Requested						Job #: 500-201166				
Address 604 Wilson Avenue			Due Date Requested			Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) VOCS						Total Number of Containers 3		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 Na252O3 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:		
City Menomonie			TAT Requested (days):													
State Zip WI 54751			Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Phone 715-235-9081(Tel)			PO #: Purchase Order not required													
Email kirsten.lee@cedarcorp.com			WO #:													
Project Name: Junker Landfill			Project #: 50006557													
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)							Special Instructions/Note				
12 MW-116		6/17/21	-		Water											
13 Trip Blank					Water											
					Water											
					Water											
					Water											
					Water											
					Water											
					Water											
					Water											
					Water											
					Water											
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Deliverable Requested I II III IV Other (specify)					Special Instructions/QC Requirements EDDs, field notes emailed to Sandra											
Empty Kit Relinquished by			Date		Time			Method of Shipment:								
Relinquished by: Kristen Lee		Date/Time: 6/18/21 1000		Company: CedarCorp		Received by: Stephanie Hernandez		Date/Time: 6/19/21 1030		Company: ETA-CHI						
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:						
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:						
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No			Cooler Temperature(s) °C and Other Remarks											



ORIGIN ID:PHDA (715) 235-9081
MITCH EVENSON
CEDAR CORPORATION
14 WILSON AVENUE

SHIP DATE 12OCT20
ACTWGT: 10 LB MAN
CAD: 0562065/CAFE3406

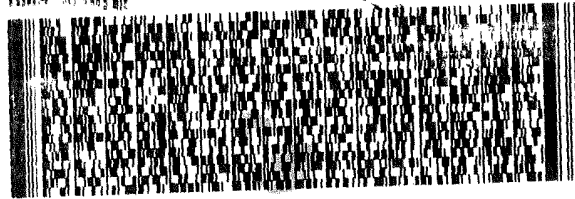
MONOMIE, WI 54751
UNITED STATES US

**SAMPLE RECEIVING
TESTAMERICA CHICAGO
2417 BOND STREET**

UNIVERSITY PARK IL 604843101

(708) 534-5200
REF \$500-86110

RMA



**FedEx
Express**



1201019110601uy

**RETURNS MON-SAT
SATURDAY 12:00P
PRIORITY OVERNIGHT**

FedEx

TRK#
0221 9235 2420 5092

X0 JOTA

**60484
IL-US
ORD**



F10 3798899 18Jun2021 EAWA 56DG3/B387/1823



ORIGIN ID:PHDA (715) 235-9081
MITCH EVENSON
CEDAR CORPORATION
14 WILSON AVENUE

SHIP DATE: 12OCT20
ACTWGT: 10.00 LB MAN
CAD: 0562065/CAFE3406

500-201166 Wayb

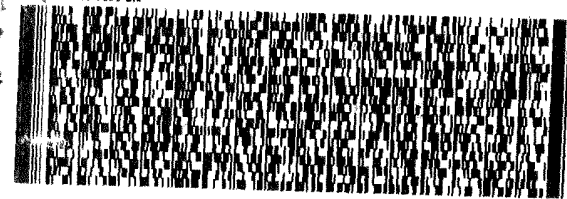
MONOMIE, WI 54751
UNITED STATES US

**SAMPLE RECEIVING
TESTAMERICA CHICAGO
2417 BOND STREET**

UNIVERSITY PARK IL 604843101

(708) 534-5200
REF \$500-86110

RMA



**FedEx
Express**



1201019110601uy

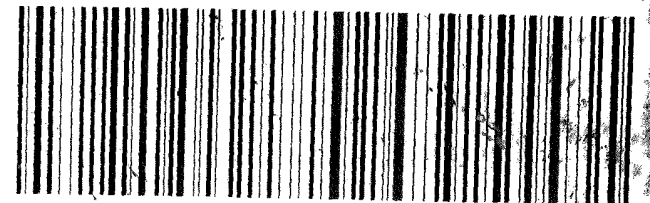
**RETURNS MON-SAT
SATURDAY 12:00P
PRIORITY OVERNIGHT**

FedEx

TRK#
0221 9235 2420 5081

X0 JOTA

**60484
IL-US
ORD**



F10 3798899 18Jun2021 EAWA 56DG3/B387/1823

Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-201166-1

Login Number: 201166

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Hernandez, Stephanie

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	-0.1, 1.2, Samples not frozen
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.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

6/17/21
6/18/21

MIN#	DIV	TDC	GLUE	TIME	TSF	Cloudy
3	86.74 Broken	986.92	900.18	0850		
4	116.86	1017.04	900.78	0930		
6	109.44	needs to be resurveyed		1330		
7	111.40	1019.01	901.91	1030		
8	102.34	needs to be resurveyed		1310		
9	106.46			1340		
10	107.38			1410		
11	130.21	1034.16	903.95	1000		
12	154.85	1005.54	910.69	1315		
* 13	110.06	1011.85	901.79	0915		
14	69.49	970.15	901.26	1100		
15A	70.33	924.29	853.96	1130		
15B	70.55	924.52	853.97	1120		
15C	70.30	924.66	854.36	1115		
116	59.33	915.13	855.80	1240		
116	-	-	-	-		
Blower	-	-	-	1600		
Leachate	-	-	-	1600		

collected GPS coordinates
* SUVs

Pinkys pumped 36" 1,680 gallons

T/C/O	PH	Temp	Cond	DNR#
Mud/CL/N	7.53	17.5	417	3
N/CL/N	7.50	16.8	501	4
SH/CL/N	7.13	21.4	615	6
SH/CL/N	7.52	19.8	500	7
SH/CL/N	7.51	22.1	512	8
N/CL/N	7.42	21.7	488	9
N/CL/N	7.50	21.9	488	10
N/CL/N	7.72	19.9	452	15
SH/CL/N	7.23	23.1	632	17
SH/CL/N	7.61	18.1	514	19
SH/CL/N	7.24	19.5	608	21
SH/CL/N	7.08	17.5	521	23
N/CL/N	7.70	17.9	542	25
N/CL/N	7.49	19.0	506	27
N/CL/N	7.33	24.7	499	29
-	-	-	-	-
-	-	-	-	-
V/BODY	7.03	22.1	410	401

nudsa
lock

Return to the Rain.

ANALYTICAL REPORT

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

Laboratory Job ID: 500-201089-1
Client Project/Site: Junker LF - Leachate

For:
Cedar Corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751

Attn: Mitch Evenson



Authorized for release by:
7/7/2021 12:27:11 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Job ID: 500-201089-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-201089-1

Comments

No additional comments.

Receipt

The sample was received on 6/18/2021 9:20 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

Receipt Exceptions

Method SM 5210B: The following sample(s) was received outside of holding time for BOD analysis.

GC/MS VOA

Methods 624, 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: Leachate (500-201089-1). Elevated reporting limits (RLs) are provided.

Method 8260B: The continuing calibration verification (CCV) associated with batch 606874 recovered above the upper control limit for Chloroethane and Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Leachate (500-201089-1).

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

GC/MS Semi VOA

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 500-605069 and analytical batch 500-605186 recovered outside control limits for the following analytes: 4-Nitrophenol.

Method 8270D: The continuing calibration verification (CCV) analyzed in 500-605186 was outside the method criteria for the following analyte(s): Di-n-octyl phthalate, Carbazole, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitroaniline and Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 500-605186 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene and Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

Metals

Method 3010A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: Leachate (500-201089-1). The reporting limits (RLs) have been adjusted proportionately.

Method 6010B: The method blank for preparation batch 500-605328 and analytical batch 500-605639 contained Iron above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

General Chemistry

Methods 335.4, 9012B: The method blank for preparation batch 500-606230 and analytical batch 500-606491 contained Cyanide, Total above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 335.4: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Cyanide, Free in preparation batch 500-606230 and analytical batch 500-606753 were outside control limits. Sample matrix interference is suspected because the associated laboratory

Case Narrative

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Job ID: 500-201089-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

control sample (LCS) recovery was within acceptance limits.

Method 335.4: The distillation sample ID from the Cyanide, Total prep batch was used to identify this sample in the Free Cyanide batch. However, the sample was not distilled for Free Cyanide, instead it was run straight on the instrument per the SOP. Leachate (500-201089-1)

Method SM 5210B: One or more of the glucose-glutamic acid standards (LCS) replicates for BOD recovered outside the recovery limits; however, the average recovery is within control limits. The method requirement is for the average recovery of the LCS replicates to meet criteria; therefore, no further action is required. Data has been flagged to indicate individual LCS recoveries that did not meet criteria.

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

Organic Prep

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

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Detection Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Client Sample ID: Leachate

Lab Sample ID: 500-201089-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		10	1.7	ug/L	1		8260B	Total/NA
Benzene	0.21	J	0.50	0.15	ug/L	1		8260B	Total/NA
Chlorobenzene	0.62	J	1.0	0.39	ug/L	1		8260B	Total/NA
2,2-Dichloropropane	0.82	J	1.0	0.44	ug/L	1		8260B	Total/NA
Ethylbenzene	2.2		0.50	0.18	ug/L	1		8260B	Total/NA
Methylene Chloride	1.8	J	5.0	1.6	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.52	J	1.0	0.39	ug/L	1		8260B	Total/NA
Naphthalene	1.8		1.0	0.34	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	2.1		1.0	0.36	ug/L	1		8260B	Total/NA
p-Isopropyltoluene	2.4		1.0	0.36	ug/L	1		8260B	Total/NA
Styrene	0.75	J	1.0	0.39	ug/L	1		8260B	Total/NA
Toluene	6.8		0.50	0.15	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.6		1.0	0.25	ug/L	1		8260B	Total/NA
Xylenes, Total	28		1.0	0.22	ug/L	1		8260B	Total/NA
Tetrahydrofuran - DL	990		100	19	ug/L	10		8260B	Total/NA
1,4-Dichlorobenzene	0.92	J	1.5	0.16	ug/L	1		8270D	Total/NA
2,4-Dimethylphenol	11		7.6	1.4	ug/L	1		8270D	Total/NA
Anthracene	0.31	J	0.76	0.25	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	4.4	J	7.6	1.3	ug/L	1		8270D	Total/NA
Carbazole	7.5	^c	3.8	0.27	ug/L	1		8270D	Total/NA
Naphthalene	0.74	J	0.76	0.23	ug/L	1		8270D	Total/NA
Phenanthrene	0.34	J	0.76	0.23	ug/L	1		8270D	Total/NA
Arsenic	0.10		0.10	0.037	mg/L	1		6010B	Total/NA
Chromium	0.098	J	0.10	0.017	mg/L	1		6010B	Total/NA
Copper	0.12	B	0.10	0.018	mg/L	1		6010B	Total/NA
Iron	2520	B ^	2.0	0.82	mg/L	1		6010B	Total/NA
Manganese	3.2	B	0.10	0.023	mg/L	1		6010B	Total/NA
Nickel	0.048	J	0.10	0.019	mg/L	1		6010B	Total/NA
Silver	0.043	J	0.050	0.015	mg/L	1		6010B	Total/NA
Zinc	0.35		0.20	0.050	mg/L	1		6010B	Total/NA
Mercury	0.00018	J	0.00020	0.000098	mg/L	1		7470A	Total/NA
Cyanide, Total	0.0045	J B	0.0050	0.0025	mg/L	1		335.4	Total/NA
Nitrogen, Kjeldahl	227	B	80.0	48.8	mg/L	2		4500 NH3 G	Total/NA
Alkalinity	1710		5.0	3.7	mg/L	1		SM 2320B	Total/NA
Total Suspended Solids	1750		125	48.3	mg/L	1		SM 2540D	Total/NA
Chloride	408		40.0	19.9	mg/L	20		SM 4500 Cl- E	Total/NA
Phosphorus as P	5.3		1.3	0.60	mg/L	5		SM 4500 P E	Total/NA
Biochemical Oxygen Demand	51.0	*	2.0	2.0	mg/L	1		SM 5210B	Total/NA
Chemical Oxygen Demand	806		100	60.4	mg/L	10		SM 5220C	Total/NA
Field Color	Y				NONE	1		Field Sampling	Total/NA
Field Conductivity	499				umhos/cm	1		Field Sampling	Total/NA
Field Odor	Y				NONE	1		Field Sampling	Total/NA
Field pH	7.03				SU	1		Field Sampling	Total/NA
Field Temperature	22.1				Degrees C	1		Field Sampling	Total/NA
Field Turbidity	Y				NONE	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI
335.4	Cyanide, Total	MCAWW	TAL CHI
4500 NH3 G	4500NH3 G - Nitrogen, Total Kjeldahl'	SM	TAL CHI
SM 2320B	Alkalinity	SM	TAL CHI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL CHI
SM 4500 Cl- E	Chloride, Total	SM	TAL CHI
SM 4500 P E	Phosphorus	SM	TAL CHI
SM 5210B	BOD, 5-Day	SM	TAL CHI
SM 5220C	COD	SM	TAL CHI
Field Sampling	Field Sampling	EPA	TAL CHI
3010A	Preparation, Total Metals	SW846	TAL CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI
7470A	Preparation, Mercury	SW846	TAL CHI
Distill/CN	Distillation, Cyanide	None	TAL CHI
SM 4500 P B	Phosphorous, Total and Ortho	SM	TAL CHI
SM 5220	COD	SM	TAL CHI
SM4500Norg_C	Preparation, Nitrogen -Total Kjeldahl	SM	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

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

Sample Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-201089-1	Leachate	Leachate	06/16/21 16:00	06/18/21 09:20	

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Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Client Sample ID: Leachate

Lab Sample ID: 500-201089-1

Date Collected: 06/16/21 16:00

Matrix: Leachate

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	22		10	1.7	ug/L			06/30/21 15:34	1
Benzene	0.21	J	0.50	0.15	ug/L			06/30/21 15:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 15:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 15:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 15:34	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 15:34	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 15:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 15:34	1
Chlorobenzene	0.62	J	1.0	0.39	ug/L			06/30/21 15:34	1
Chloroethane	<0.51	^{^c}	1.0	0.51	ug/L			06/30/21 15:34	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 15:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 15:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 15:34	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 15:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 15:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 15:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 15:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 15:34	1
Dichlorodifluoromethane	<0.67	^{^c}	3.0	0.67	ug/L			06/30/21 15:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 15:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 15:34	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 15:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 15:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 15:34	1
2,2-Dichloropropane	0.82	J	1.0	0.44	ug/L			06/30/21 15:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 15:34	1
Ethylbenzene	2.2		0.50	0.18	ug/L			06/30/21 15:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 15:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 15:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 15:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 15:34	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 15:34	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 15:34	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 15:34	1
Methylene Chloride	1.8	J	5.0	1.6	ug/L			06/30/21 15:34	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 15:34	1
Methyl tert-butyl ether	0.52	J	1.0	0.39	ug/L			06/30/21 15:34	1
Naphthalene	1.8		1.0	0.34	ug/L			06/30/21 15:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 15:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 15:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 15:34	1
1,4-Dichlorobenzene	2.1		1.0	0.36	ug/L			06/30/21 15:34	1
p-Isopropyltoluene	2.4		1.0	0.36	ug/L			06/30/21 15:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 15:34	1
Styrene	0.75	J	1.0	0.39	ug/L			06/30/21 15:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 15:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 15:34	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 15:34	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 15:34	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Client Sample ID: Leachate

Lab Sample ID: 500-201089-1

Date Collected: 06/16/21 16:00

Matrix: Leachate

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	6.8		0.50	0.15	ug/L			06/30/21 15:34	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 15:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 15:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 15:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 15:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 15:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 15:34	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 15:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 15:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 15:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 15:34	1
1,3,5-Trimethylbenzene	1.6		1.0	0.25	ug/L			06/30/21 15:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 15:34	1
Xylenes, Total	28		1.0	0.22	ug/L			06/30/21 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124		06/30/21 15:34	1
Dibromofluoromethane	95		75 - 120		06/30/21 15:34	1
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		06/30/21 15:34	1
Toluene-d8 (Surr)	97		75 - 120		06/30/21 15:34	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	990		100	19	ug/L			06/30/21 18:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124		06/30/21 18:51	10
Dibromofluoromethane	99		75 - 120		06/30/21 18:51	10
1,2-Dichloroethane-d4 (Surr)	113		75 - 126		06/30/21 18:51	10
Toluene-d8 (Surr)	93		75 - 120		06/30/21 18:51	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		1.5	0.18	ug/L		06/19/21 08:05	06/21/21 19:26	1
1,2-Dichlorobenzene	<0.19		1.5	0.19	ug/L		06/19/21 08:05	06/21/21 19:26	1
1,3-Dichlorobenzene	<0.16		1.5	0.16	ug/L		06/19/21 08:05	06/21/21 19:26	1
1,4-Dichlorobenzene	0.92	J	1.5	0.16	ug/L		06/19/21 08:05	06/21/21 19:26	1
1-Methylnaphthalene	<0.23		1.5	0.23	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,2'-oxybis[1-chloropropane]	<0.29		1.5	0.29	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,4,5-Trichlorophenol	<1.9		7.6	1.9	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,4,6-Trichlorophenol	<0.54		3.8	0.54	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,4-Dichlorophenol	<2.0		7.6	2.0	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,4-Dimethylphenol	11		7.6	1.4	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,4-Dinitrophenol	<6.5		15	6.5	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,4-Dinitrotoluene	<0.19		0.76	0.19	ug/L		06/19/21 08:05	06/21/21 19:26	1
2,6-Dinitrotoluene	<0.056		0.76	0.056	ug/L		06/19/21 08:05	06/21/21 19:26	1
2-Chloronaphthalene	<0.18		1.5	0.18	ug/L		06/19/21 08:05	06/21/21 19:26	1
2-Chlorophenol	<0.42		3.8	0.42	ug/L		06/19/21 08:05	06/21/21 19:26	1
2-Methylnaphthalene	<0.049		1.5	0.049	ug/L		06/19/21 08:05	06/21/21 19:26	1
2-Methylphenol	<0.23		1.5	0.23	ug/L		06/19/21 08:05	06/21/21 19:26	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Client Sample ID: Leachate

Lab Sample ID: 500-201089-1

Date Collected: 06/16/21 16:00

Matrix: Leachate

Date Received: 06/18/21 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<0.97		3.8	0.97	ug/L		06/19/21 08:05	06/21/21 19:26	1
2-Nitrophenol	<1.9		7.6	1.9	ug/L		06/19/21 08:05	06/21/21 19:26	1
3 & 4 Methylphenol	<0.34		1.5	0.34	ug/L		06/19/21 08:05	06/21/21 19:26	1
3,3'-Dichlorobenzidine	<1.3	^c	3.8	1.3	ug/L		06/19/21 08:05	06/21/21 19:26	1
3-Nitroaniline	<1.4	^c	7.6	1.4	ug/L		06/19/21 08:05	06/21/21 19:26	1
4,6-Dinitro-2-methylphenol	<4.5		15	4.5	ug/L		06/19/21 08:05	06/21/21 19:26	1
4-Bromophenyl phenyl ether	<0.41		3.8	0.41	ug/L		06/19/21 08:05	06/21/21 19:26	1
4-Chloro-3-methylphenol	<1.7		7.6	1.7	ug/L		06/19/21 08:05	06/21/21 19:26	1
4-Chloroaniline	<1.5		7.6	1.5	ug/L		06/19/21 08:05	06/21/21 19:26	1
4-Chlorophenyl phenyl ether	<0.48		3.8	0.48	ug/L		06/19/21 08:05	06/21/21 19:26	1
4-Nitroaniline	<1.3	^c	7.6	1.3	ug/L		06/19/21 08:05	06/21/21 19:26	1
4-Nitrophenol	<5.6	*	15	5.6	ug/L		06/19/21 08:05	06/21/21 19:26	1
Acenaphthene	<0.23		0.76	0.23	ug/L		06/19/21 08:05	06/21/21 19:26	1
Acenaphthylene	<0.20		0.76	0.20	ug/L		06/19/21 08:05	06/21/21 19:26	1
Anthracene	0.31	J	0.76	0.25	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzo[a]anthracene	<0.043		0.15	0.043	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzo[a]pyrene	<0.075		0.15	0.075	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzo[g,h,i]perylene	<0.28		0.76	0.28	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzo[k]fluoranthene	<0.048		0.15	0.048	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzoic acid	<4.4		15	4.4	ug/L		06/19/21 08:05	06/21/21 19:26	1
Benzyl alcohol	<4.6		15	4.6	ug/L		06/19/21 08:05	06/21/21 19:26	1
Bis(2-chloroethoxy)methane	<0.21		1.5	0.21	ug/L		06/19/21 08:05	06/21/21 19:26	1
Bis(2-chloroethyl)ether	<0.22		1.5	0.22	ug/L		06/19/21 08:05	06/21/21 19:26	1
Bis(2-ethylhexyl) phthalate	4.4	J	7.6	1.3	ug/L		06/19/21 08:05	06/21/21 19:26	1
Butyl benzyl phthalate	<0.36		1.5	0.36	ug/L		06/19/21 08:05	06/21/21 19:26	1
Carbazole	7.5	^c	3.8	0.27	ug/L		06/19/21 08:05	06/21/21 19:26	1
Chrysene	<0.052		0.15	0.052	ug/L		06/19/21 08:05	06/21/21 19:26	1
Dibenz(a,h)anthracene	<0.038		0.23	0.038	ug/L		06/19/21 08:05	06/21/21 19:26	1
Dibenzofuran	<0.20		1.5	0.20	ug/L		06/19/21 08:05	06/21/21 19:26	1
Diethyl phthalate	<0.27		3.8	0.27	ug/L		06/19/21 08:05	06/21/21 19:26	1
Dimethyl phthalate	<0.24		3.8	0.24	ug/L		06/19/21 08:05	06/21/21 19:26	1
Di-n-butyl phthalate	<0.55		3.8	0.55	ug/L		06/19/21 08:05	06/21/21 19:26	1
Di-n-octyl phthalate	<0.79	^c	7.6	0.79	ug/L		06/19/21 08:05	06/21/21 19:26	1
Fluoranthene	<0.34		0.76	0.34	ug/L		06/19/21 08:05	06/21/21 19:26	1
Fluorene	<0.18		0.76	0.18	ug/L		06/19/21 08:05	06/21/21 19:26	1
Hexachlorobenzene	<0.060		0.38	0.060	ug/L		06/19/21 08:05	06/21/21 19:26	1
Hexachlorobutadiene	<0.39		3.8	0.39	ug/L		06/19/21 08:05	06/21/21 19:26	1
Hexachlorocyclopentadiene	<4.8	^c	15	4.8	ug/L		06/19/21 08:05	06/21/21 19:26	1
Hexachloroethane	<0.45		3.8	0.45	ug/L		06/19/21 08:05	06/21/21 19:26	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		06/19/21 08:05	06/21/21 19:26	1
Isophorone	<0.28		1.5	0.28	ug/L		06/19/21 08:05	06/21/21 19:26	1
Naphthalene	0.74	J	0.76	0.23	ug/L		06/19/21 08:05	06/21/21 19:26	1
Nitrobenzene	<0.34		0.76	0.34	ug/L		06/19/21 08:05	06/21/21 19:26	1
N-Nitrosodi-n-propylamine	<0.12		0.38	0.12	ug/L		06/19/21 08:05	06/21/21 19:26	1
N-Nitrosodiphenylamine	<0.28		1.5	0.28	ug/L		06/19/21 08:05	06/21/21 19:26	1
Pentachlorophenol	<3.0	^c	15	3.0	ug/L		06/19/21 08:05	06/21/21 19:26	1
Phenanthrene	0.34	J	0.76	0.23	ug/L		06/19/21 08:05	06/21/21 19:26	1
Phenol	<0.51		3.8	0.51	ug/L		06/19/21 08:05	06/21/21 19:26	1

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Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Client Sample ID: Leachate

Lab Sample ID: 500-201089-1

Date Collected: 06/16/21 16:00

Matrix: Leachate

Date Received: 06/18/21 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.32		0.76	0.32	ug/L		06/19/21 08:05	06/21/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	94		40 - 145				06/19/21 08:05	06/21/21 19:26	1
2-Fluorobiphenyl	67		34 - 110				06/19/21 08:05	06/21/21 19:26	1
2-Fluorophenol (Surr)	48		27 - 110				06/19/21 08:05	06/21/21 19:26	1
Nitrobenzene-d5 (Surr)	72		36 - 120				06/19/21 08:05	06/21/21 19:26	1
Phenol-d5 (Surr)	40		20 - 110				06/19/21 08:05	06/21/21 19:26	1
Terphenyl-d14 (Surr)	80		40 - 145				06/19/21 08:05	06/21/21 19:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.10		0.10	0.037	mg/L		06/21/21 19:00	06/22/21 16:25	1
Cadmium	<0.0043		0.020	0.0043	mg/L		06/21/21 19:00	06/22/21 16:25	1
Chromium	0.098	J	0.10	0.017	mg/L		06/21/21 19:00	06/22/21 16:25	1
Copper	0.12	B	0.10	0.018	mg/L		06/21/21 19:00	06/22/21 16:25	1
Iron	2520	B ^	2.0	0.82	mg/L		06/21/21 19:00	06/22/21 16:25	1
Lead	<0.027		0.050	0.027	mg/L		06/21/21 19:00	06/22/21 16:25	1
Manganese	3.2	B	0.10	0.023	mg/L		06/21/21 19:00	06/22/21 16:25	1
Molybdenum	<0.038		0.10	0.038	mg/L		06/21/21 19:00	06/22/21 16:25	1
Nickel	0.048	J	0.10	0.019	mg/L		06/21/21 19:00	06/22/21 16:25	1
Selenium	<0.053		0.10	0.053	mg/L		06/21/21 19:00	06/22/21 16:25	1
Silver	0.043	J	0.050	0.015	mg/L		06/21/21 19:00	06/22/21 16:25	1
Zinc	0.35		0.20	0.050	mg/L		06/25/21 08:23	06/29/21 15:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00018	J	0.00020	0.000098	mg/L		06/24/21 08:35	06/25/21 07:02	1

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0045	J B	0.0050	0.0025	mg/L		06/25/21 10:49	06/25/21 19:01	1
Nitrogen, Kjeldahl	227	B	80.0	48.8	mg/L		07/06/21 08:11	07/06/21 18:55	2
Alkalinity	1710		5.0	3.7	mg/L			06/24/21 22:14	1
Total Suspended Solids	1750		125	48.3	mg/L			06/23/21 03:01	1
Chloride	408		40.0	19.9	mg/L			06/30/21 18:22	20
Phosphorus as P	5.3		1.3	0.60	mg/L		06/30/21 12:00	07/01/21 14:32	5
Biochemical Oxygen Demand	51.0	*	2.0	2.0	mg/L			06/18/21 13:09	1
Chemical Oxygen Demand	806		100	60.4	mg/L		06/28/21 11:36	06/28/21 14:34	10

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Field Color	Y				NONE			06/16/21 16:00	1
Field Conductivity	499				umhos/cm			06/16/21 16:00	1
Field Odor	Y				NONE			06/16/21 16:00	1
Field pH	7.03				SU			06/16/21 16:00	1
Field Temperature	22.1				Degrees C			06/16/21 16:00	1
Field Turbidity	Y				NONE			06/16/21 16:00	1

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Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

General Chemistry

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

Eurofins TestAmerica, Chicago

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

QC Association Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

GC/MS VOA

Analysis Batch: 606874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	8260B	
500-201089-1 - DL	Leachate	Total/NA	Leachate	8260B	
MB 500-606874/6	Method Blank	Total/NA	Water	8260B	
LCS 500-606874/4	Lab Control Sample	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 605069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	3510C	
MB 500-605069/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-605069/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-605069/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 605186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	8270D	605069
MB 500-605069/1-A	Method Blank	Total/NA	Water	8270D	605069
LCS 500-605069/2-A	Lab Control Sample	Total/NA	Water	8270D	605069
LCSD 500-605069/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	605069

Metals

Prep Batch: 605328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	3010A	
MB 500-605328/1-A	Method Blank	Total/NA	Water	3010A	
LCS 500-605328/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 605639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	6010B	605328
MB 500-605328/1-A	Method Blank	Total/NA	Water	6010B	605328
LCS 500-605328/2-A	Lab Control Sample	Total/NA	Water	6010B	605328

Prep Batch: 605947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	7470A	
MB 500-605947/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-605947/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 606188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	3010A	
MB 500-606188/1-A	Method Blank	Total/NA	Water	3010A	
LCS 500-606188/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 606231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	7470A	605947
MB 500-605947/12-A	Method Blank	Total/NA	Water	7470A	605947
LCS 500-605947/13-A	Lab Control Sample	Total/NA	Water	7470A	605947

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QC Association Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Metals

Analysis Batch: 606889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	6010B	606188
MB 500-606188/1-A	Method Blank	Total/NA	Water	6010B	606188
LCS 500-606188/2-A	Lab Control Sample	Total/NA	Water	6010B	606188

General Chemistry

Analysis Batch: 605605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 2540D	
MB 500-605605/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-605605/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 605921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 5210B	
USB 500-605921/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 500-605921/2	Lab Control Sample	Total/NA	Water	SM 5210B	
LCS 500-605921/3	Lab Control Sample	Total/NA	Water	SM 5210B	
LCS 500-605921/4	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 606131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 2320B	
MB 500-606131/54	Method Blank	Total/NA	Water	SM 2320B	
LCS 500-606131/55	Lab Control Sample	Total/NA	Water	SM 2320B	

Prep Batch: 606230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	Distill/CN	
MB 500-606230/1-A	Method Blank	Total/NA	Water	Distill/CN	
HLCS 500-606230/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
LCS 500-606230/3-A	Lab Control Sample	Total/NA	Water	Distill/CN	
LLCS 500-606230/4-A	Lab Control Sample	Total/NA	Water	Distill/CN	

Analysis Batch: 606303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-606230/1-A	Method Blank	Total/NA	Water	335.4	606230
HLCS 500-606230/2-A	Lab Control Sample	Total/NA	Water	335.4	606230
LCS 500-606230/3-A	Lab Control Sample	Total/NA	Water	335.4	606230
LLCS 500-606230/4-A	Lab Control Sample	Total/NA	Water	335.4	606230

Analysis Batch: 606491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	335.4	606230

Prep Batch: 606530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 5220	
MB 500-606530/1-A	Method Blank	Total/NA	Water	SM 5220	
LCS 500-606530/2-A	Lab Control Sample	Total/NA	Water	SM 5220	

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QC Association Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

General Chemistry

Analysis Batch: 606554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 5220C	606530
MB 500-606530/1-A	Method Blank	Total/NA	Water	SM 5220C	606530
LCS 500-606530/2-A	Lab Control Sample	Total/NA	Water	SM 5220C	606530

Prep Batch: 606992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 4500 P B	
MB 500-606992/1-A	Method Blank	Total/NA	Water	SM 4500 P B	
LCS 500-606992/2-A	Lab Control Sample	Total/NA	Water	SM 4500 P B	

Analysis Batch: 607190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 4500 Cl- E	
MB 500-607190/31	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 500-607190/32	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 607293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM 4500 P E	606992
MB 500-606992/1-A	Method Blank	Total/NA	Water	SM 4500 P E	606992
LCS 500-606992/2-A	Lab Control Sample	Total/NA	Water	SM 4500 P E	606992

Prep Batch: 607847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	SM4500Norg_C	
MB 500-607847/1-A	Method Blank	Total/NA	Water	SM4500Norg_C	
LCS 500-607847/2-A	Lab Control Sample	Total/NA	Water	SM4500Norg_C	

Analysis Batch: 608048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	4500 NH3 G	607847
MB 500-607847/1-A	Method Blank	Total/NA	Water	4500 NH3 G	607847
LCS 500-607847/2-A	Lab Control Sample	Total/NA	Water	4500 NH3 G	607847

Field Service / Mobile Lab

Analysis Batch: 607478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-201089-1	Leachate	Total/NA	Leachate	Field Sampling	

Surrogate Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

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

Matrix: Leachate

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-201089-1	Leachate	96	95	112	97
500-201089-1 - DL	Leachate	96	99	113	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

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)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
LCS 500-606874/4	Lab Control Sample	93	95	107	100
MB 500-606874/6	Method Blank	100	95	112	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

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

TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Leachate

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	PHL	TPHL
		(40-145)	(34-110)	(27-110)	(36-120)	(20-110)	(40-145)
500-201089-1	Leachate	94	67	48	72	40	80

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	PHL	TPHL
		(40-145)	(34-110)	(27-110)	(36-120)	(20-110)	(40-145)
LCS 500-605069/2-A	Lab Control Sample	89	67	49	75	50	93
LCSD 500-605069/3-A	Lab Control Sample Dup	92	69	47	76	53	90
MB 500-605069/1-A	Method Blank	82	71	45	71	37	90

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

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Surrogate Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Job ID: 500-201089-1

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QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

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

Lab Sample ID: MB 500-606874/6
 Matrix: Water
 Analysis Batch: 606874

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/30/21 11:51	1
Benzene	<0.15		0.50	0.15	ug/L			06/30/21 11:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/30/21 11:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/30/21 11:51	1
Bromoform	<0.48		1.0	0.48	ug/L			06/30/21 11:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/30/21 11:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/30/21 11:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/30/21 11:51	1
Chloroform	<0.37		2.0	0.37	ug/L			06/30/21 11:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/30/21 11:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/30/21 11:51	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/30/21 11:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/30/21 11:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/30/21 11:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/30/21 11:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/30/21 11:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/30/21 11:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/30/21 11:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/30/21 11:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/30/21 11:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/30/21 11:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/30/21 11:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/30/21 11:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/30/21 11:51	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/30/21 11:51	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/30/21 11:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/30/21 11:51	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/30/21 11:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/30/21 11:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/30/21 11:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/30/21 11:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1
Styrene	<0.39		1.0	0.39	ug/L			06/30/21 11:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/30/21 11:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/30/21 11:51	1

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

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

Lab Sample ID: MB 500-606874/6
Matrix: Water
Analysis Batch: 606874

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/30/21 11:51	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/30/21 11:51	1
Toluene	<0.15		0.50	0.15	ug/L			06/30/21 11:51	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/30/21 11:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/30/21 11:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/30/21 11:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/30/21 11:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/30/21 11:51	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/30/21 11:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/30/21 11:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/30/21 11:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/30/21 11:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/30/21 11:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/30/21 11:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/30/21 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		06/30/21 11:51	1
Dibromofluoromethane	95		75 - 120		06/30/21 11:51	1
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		06/30/21 11:51	1
Toluene-d8 (Surr)	94		75 - 120		06/30/21 11:51	1

Lab Sample ID: LCS 500-606874/4
Matrix: Water
Analysis Batch: 606874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	48.2		ug/L		96	40 - 143
Benzene	50.0	47.9		ug/L		96	70 - 120
Bromobenzene	50.0	38.2		ug/L		76	70 - 122
Bromochloromethane	50.0	43.9		ug/L		88	65 - 122
Bromodichloromethane	50.0	41.8		ug/L		84	69 - 120
Bromoform	50.0	29.5		ug/L		59	56 - 132
Carbon disulfide	50.0	50.2		ug/L		100	66 - 120
Carbon tetrachloride	50.0	52.4		ug/L		105	59 - 133
Chlorobenzene	50.0	46.6		ug/L		93	70 - 120
Chloroethane	50.0	66.2		ug/L		132	48 - 136
Chloroform	50.0	48.9		ug/L		98	70 - 120
2-Chlorotoluene	50.0	47.9		ug/L		96	70 - 125
4-Chlorotoluene	50.0	48.0		ug/L		96	68 - 124
cis-1,2-Dichloroethylene	50.0	46.4		ug/L		93	70 - 125
cis-1,3-Dichloropropene	50.0	41.0		ug/L		82	64 - 127
Dibromochloromethane	50.0	34.2		ug/L		68	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	31.9		ug/L		64	56 - 123
1,2-Dibromoethane	50.0	38.2		ug/L		76	70 - 125
Dichlorodifluoromethane	50.0	67.3		ug/L		135	40 - 159
1,1-Dichloroethane	50.0	50.8		ug/L		102	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

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

Lab Sample ID: LCS 500-606874/4
Matrix: Water
Analysis Batch: 606874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	51.0		ug/L		102	68 - 127
1,1-Dichloroethylene	50.0	52.2		ug/L		104	67 - 122
1,2-Dichloropropane	50.0	48.6		ug/L		97	67 - 130
1,3-Dichloropropane	50.0	42.6		ug/L		85	62 - 136
2,2-Dichloropropane	50.0	50.5		ug/L		101	58 - 139
1,1-Dichloropropene	50.0	52.8		ug/L		106	70 - 121
Ethylbenzene	50.0	50.0		ug/L		100	70 - 123
Hexachlorobutadiene	50.0	60.6		ug/L		121	51 - 150
Isopropylbenzene	50.0	48.5		ug/L		97	70 - 126
1,3-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 125
Methyl bromide	50.0	59.4		ug/L		119	40 - 152
Methyl chloride	50.0	61.3		ug/L		123	56 - 152
Methylene bromide	50.0	44.3		ug/L		89	70 - 120
Methylene Chloride	50.0	46.0		ug/L		92	69 - 125
Methyl ethyl ketone (MEK)	50.0	44.2		ug/L		88	46 - 144
Methyl tert-butyl ether	50.0	54.7		ug/L		109	55 - 123
Naphthalene	50.0	41.3		ug/L		83	53 - 144
n-Butylbenzene	50.0	58.6		ug/L		117	68 - 125
N-Propylbenzene	50.0	50.3		ug/L		101	69 - 127
1,2-Dichlorobenzene	50.0	42.8		ug/L		86	70 - 125
1,4-Dichlorobenzene	50.0	44.0		ug/L		88	70 - 120
p-Isopropyltoluene	50.0	55.2		ug/L		110	70 - 125
sec-Butylbenzene	50.0	53.3		ug/L		107	70 - 123
Styrene	50.0	46.1		ug/L		92	70 - 120
tert-Butylbenzene	50.0	51.5		ug/L		103	70 - 121
1,1,1,2-Tetrachloroethane	50.0	45.6		ug/L		91	70 - 125
1,1,2,2-Tetrachloroethane	50.0	34.8		ug/L		70	62 - 140
Tetrachloroethylene	50.0	47.0		ug/L		94	70 - 128
Tetrahydrofuran	100	101		ug/L		101	59 - 139
Toluene	50.0	47.6		ug/L		95	70 - 125
1,2-trans-Dichloroethylene	50.0	49.7		ug/L		99	70 - 125
trans-1,3-Dichloropropene	50.0	39.1		ug/L		78	62 - 128
1,2,3-Trichlorobenzene	50.0	48.6		ug/L		97	51 - 145
1,2,4-Trichlorobenzene	50.0	47.8		ug/L		96	57 - 137
1,1,1-Trichloroethane	50.0	54.9		ug/L		110	70 - 125
1,1,2-Trichloroethane	50.0	39.6		ug/L		79	71 - 130
Trichloroethylene	50.0	46.0		ug/L		92	70 - 125
Trichlorofluoromethane	50.0	52.7		ug/L		105	55 - 128
1,2,3-Trichloropropane	50.0	36.8		ug/L		74	50 - 133
1,2,4-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
1,3,5-Trimethylbenzene	50.0	50.1		ug/L		100	70 - 123
Vinyl chloride	50.0	54.6		ug/L		109	64 - 126
Xylenes, Total	100	108		ug/L		108	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		72 - 124
Dibromofluoromethane	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	107		75 - 126

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

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

Lab Sample ID: LCS 500-606874/4
Matrix: Water
Analysis Batch: 606874

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	100		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-605069/1-A
Matrix: Water
Analysis Batch: 605186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605069

Analyte	MB MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.19		1.6	0.19	ug/L		06/19/21 08:05	06/21/21 12:00	1
1,2-Dichlorobenzene	<0.20		1.6	0.20	ug/L		06/19/21 08:05	06/21/21 12:00	1
1,3-Dichlorobenzene	<0.17		1.6	0.17	ug/L		06/19/21 08:05	06/21/21 12:00	1
1,4-Dichlorobenzene	<0.17		1.6	0.17	ug/L		06/19/21 08:05	06/21/21 12:00	1
1-Methylnaphthalene	<0.24		1.6	0.24	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,2'-oxybis[1-chloropropane]	<0.30		1.6	0.30	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,4,5-Trichlorophenol	<2.1		8.0	2.1	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,4,6-Trichlorophenol	<0.57		4.0	0.57	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,4-Dichlorophenol	<2.1		8.0	2.1	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,4-Dimethylphenol	<1.4		8.0	1.4	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,4-Dinitrophenol	<6.9		16	6.9	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,4-Dinitrotoluene	<0.20		0.80	0.20	ug/L		06/19/21 08:05	06/21/21 12:00	1
2,6-Dinitrotoluene	<0.059		0.80	0.059	ug/L		06/19/21 08:05	06/21/21 12:00	1
2-Chloronaphthalene	<0.19		1.6	0.19	ug/L		06/19/21 08:05	06/21/21 12:00	1
2-Chlorophenol	<0.45		4.0	0.45	ug/L		06/19/21 08:05	06/21/21 12:00	1
2-Methylnaphthalene	<0.052		1.6	0.052	ug/L		06/19/21 08:05	06/21/21 12:00	1
2-Methylphenol	<0.24		1.6	0.24	ug/L		06/19/21 08:05	06/21/21 12:00	1
2-Nitroaniline	<1.0		4.0	1.0	ug/L		06/19/21 08:05	06/21/21 12:00	1
2-Nitrophenol	<2.0		8.0	2.0	ug/L		06/19/21 08:05	06/21/21 12:00	1
3 & 4 Methylphenol	<0.36		1.6	0.36	ug/L		06/19/21 08:05	06/21/21 12:00	1
3,3'-Dichlorobenzidine	<1.4		4.0	1.4	ug/L		06/19/21 08:05	06/21/21 12:00	1
3-Nitroaniline	<1.4		8.0	1.4	ug/L		06/19/21 08:05	06/21/21 12:00	1
4,6-Dinitro-2-methylphenol	<4.7		16	4.7	ug/L		06/19/21 08:05	06/21/21 12:00	1
4-Bromophenyl phenyl ether	<0.43		4.0	0.43	ug/L		06/19/21 08:05	06/21/21 12:00	1
4-Chloro-3-methylphenol	<1.8		8.0	1.8	ug/L		06/19/21 08:05	06/21/21 12:00	1
4-Chloroaniline	<1.6		8.0	1.6	ug/L		06/19/21 08:05	06/21/21 12:00	1
4-Chlorophenyl phenyl ether	<0.51		4.0	0.51	ug/L		06/19/21 08:05	06/21/21 12:00	1
4-Nitroaniline	<1.3		8.0	1.3	ug/L		06/19/21 08:05	06/21/21 12:00	1
4-Nitrophenol	<5.9		16	5.9	ug/L		06/19/21 08:05	06/21/21 12:00	1
Acenaphthene	<0.25		0.80	0.25	ug/L		06/19/21 08:05	06/21/21 12:00	1
Acenaphthylene	<0.21		0.80	0.21	ug/L		06/19/21 08:05	06/21/21 12:00	1
Anthracene	<0.27		0.80	0.27	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzo[a]anthracene	<0.045		0.16	0.045	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzo[a]pyrene	<0.079		0.16	0.079	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzo[g,h,i]perylene	<0.30		0.80	0.30	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzo[k]fluoranthene	<0.051		0.16	0.051	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzoic acid	<4.6		16	4.6	ug/L		06/19/21 08:05	06/21/21 12:00	1
Benzyl alcohol	<4.8		16	4.8	ug/L		06/19/21 08:05	06/21/21 12:00	1
Bis(2-chloroethoxy)methane	<0.23		1.6	0.23	ug/L		06/19/21 08:05	06/21/21 12:00	1

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-605069/1-A
Matrix: Water
Analysis Batch: 605186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605069

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	<0.23		1.6	0.23	ug/L		06/19/21 08:05	06/21/21 12:00	1
Bis(2-ethylhexyl) phthalate	<1.4		8.0	1.4	ug/L		06/19/21 08:05	06/21/21 12:00	1
Butyl benzyl phthalate	<0.38		1.6	0.38	ug/L		06/19/21 08:05	06/21/21 12:00	1
Carbazole	<0.28		4.0	0.28	ug/L		06/19/21 08:05	06/21/21 12:00	1
Chrysene	<0.055		0.16	0.055	ug/L		06/19/21 08:05	06/21/21 12:00	1
Dibenz(a,h)anthracene	<0.041		0.24	0.041	ug/L		06/19/21 08:05	06/21/21 12:00	1
Dibenzofuran	<0.21		1.6	0.21	ug/L		06/19/21 08:05	06/21/21 12:00	1
Diethyl phthalate	<0.29		4.0	0.29	ug/L		06/19/21 08:05	06/21/21 12:00	1
Dimethyl phthalate	<0.25		4.0	0.25	ug/L		06/19/21 08:05	06/21/21 12:00	1
Di-n-butyl phthalate	0.605	J	4.0	0.58	ug/L		06/19/21 08:05	06/21/21 12:00	1
Di-n-octyl phthalate	<0.84		8.0	0.84	ug/L		06/19/21 08:05	06/21/21 12:00	1
Fluoranthene	<0.36		0.80	0.36	ug/L		06/19/21 08:05	06/21/21 12:00	1
Fluorene	<0.20		0.80	0.20	ug/L		06/19/21 08:05	06/21/21 12:00	1
Hexachlorobenzene	<0.064		0.40	0.064	ug/L		06/19/21 08:05	06/21/21 12:00	1
Hexachlorobutadiene	<0.41		4.0	0.41	ug/L		06/19/21 08:05	06/21/21 12:00	1
Hexachlorocyclopentadiene	<5.1		16	5.1	ug/L		06/19/21 08:05	06/21/21 12:00	1
Hexachloroethane	<0.48		4.0	0.48	ug/L		06/19/21 08:05	06/21/21 12:00	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		06/19/21 08:05	06/21/21 12:00	1
Isophorone	<0.30		1.6	0.30	ug/L		06/19/21 08:05	06/21/21 12:00	1
Naphthalene	<0.25		0.80	0.25	ug/L		06/19/21 08:05	06/21/21 12:00	1
Nitrobenzene	<0.36		0.80	0.36	ug/L		06/19/21 08:05	06/21/21 12:00	1
N-Nitrosodi-n-propylamine	<0.12		0.40	0.12	ug/L		06/19/21 08:05	06/21/21 12:00	1
N-Nitrosodiphenylamine	<0.30		1.6	0.30	ug/L		06/19/21 08:05	06/21/21 12:00	1
Pentachlorophenol	<3.2		16	3.2	ug/L		06/19/21 08:05	06/21/21 12:00	1
Phenanthrene	<0.24		0.80	0.24	ug/L		06/19/21 08:05	06/21/21 12:00	1
Phenol	<0.54		4.0	0.54	ug/L		06/19/21 08:05	06/21/21 12:00	1
Pyrene	<0.34		0.80	0.34	ug/L		06/19/21 08:05	06/21/21 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		40 - 145	06/19/21 08:05	06/21/21 12:00	1
2-Fluorobiphenyl	71		34 - 110	06/19/21 08:05	06/21/21 12:00	1
2-Fluorophenol (Surr)	45		27 - 110	06/19/21 08:05	06/21/21 12:00	1
Nitrobenzene-d5 (Surr)	71		36 - 120	06/19/21 08:05	06/21/21 12:00	1
Phenol-d5 (Surr)	37		20 - 110	06/19/21 08:05	06/21/21 12:00	1
Terphenyl-d14 (Surr)	90		40 - 145	06/19/21 08:05	06/21/21 12:00	1

Lab Sample ID: LCS 500-605069/2-A
Matrix: Water
Analysis Batch: 605186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 605069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	15.6		ug/L		49	26 - 110
1,2-Dichlorobenzene	32.0	14.9		ug/L		46	26 - 110
1,3-Dichlorobenzene	32.0	14.4		ug/L		45	22 - 110
1,4-Dichlorobenzene	32.0	15.0		ug/L		47	23 - 110
1-Methylnaphthalene	32.0	19.5		ug/L		61	38 - 110
2,2'-oxybis[1-chloropropane]	32.0	21.6		ug/L		67	38 - 140
2,4,5-Trichlorophenol	32.0	25.7		ug/L		80	63 - 124

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-605069/2-A

Matrix: Water

Analysis Batch: 605186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 605069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	32.0	25.0		ug/L		78	62 - 121
2,4-Dichlorophenol	32.0	23.9		ug/L		75	58 - 120
2,4-Dimethylphenol	32.0	24.0		ug/L		75	51 - 115
2,4-Dinitrophenol	64.0	55.0		ug/L		86	37 - 130
2,4-Dinitrotoluene	32.0	29.7		ug/L		93	63 - 129
2,6-Dinitrotoluene	32.0	27.1		ug/L		85	63 - 129
2-Chloronaphthalene	32.0	19.8		ug/L		62	39 - 110
2-Chlorophenol	32.0	21.4		ug/L		67	59 - 110
2-Methylnaphthalene	32.0	18.9		ug/L		59	34 - 110
2-Methylphenol	32.0	20.9		ug/L		65	53 - 115
2-Nitroaniline	32.0	28.9		ug/L		90	59 - 138
2-Nitrophenol	32.0	23.5		ug/L		73	59 - 115
3 & 4 Methylphenol	32.0	20.2		ug/L		63	50 - 116
3,3'-Dichlorobenzidine	32.0	38.4		ug/L		120	60 - 132
3-Nitroaniline	32.0	24.4		ug/L		76	47 - 123
4,6-Dinitro-2-methylphenol	64.0	54.7		ug/L		86	50 - 129
4-Bromophenyl phenyl ether	32.0	22.5		ug/L		70	58 - 120
4-Chloro-3-methylphenol	32.0	27.5		ug/L		86	64 - 128
4-Chloroaniline	32.0	24.4		ug/L		76	35 - 128
4-Chlorophenyl phenyl ether	32.0	22.0		ug/L		69	48 - 116
4-Nitroaniline	32.0	32.3		ug/L		101	35 - 110
4-Nitrophenol	64.0	30.1		ug/L		47	20 - 110
Acenaphthene	32.0	22.9		ug/L		72	46 - 110
Acenaphthylene	32.0	23.3		ug/L		73	47 - 113
Anthracene	32.0	26.3		ug/L		82	67 - 118
Benzo[a]anthracene	32.0	29.8		ug/L		93	70 - 126
Benzo[a]pyrene	32.0	36.4		ug/L		114	70 - 135
Benzo[b]fluoranthene	32.0	32.8		ug/L		103	69 - 136
Benzo[g,h,i]perylene	32.0	31.8		ug/L		99	70 - 135
Benzo[k]fluoranthene	32.0	29.3		ug/L		92	70 - 133
Benzoic acid	64.0	28.7		ug/L		45	10 - 112
Benzyl alcohol	32.0	19.7		ug/L		62	46 - 132
Bis(2-chloroethoxy)methane	32.0	25.9		ug/L		81	59 - 118
Bis(2-chloroethyl)ether	32.0	21.3		ug/L		67	54 - 112
Bis(2-ethylhexyl) phthalate	32.0	33.5		ug/L		105	69 - 136
Butyl benzyl phthalate	32.0	31.3		ug/L		98	68 - 135
Carbazole	32.0	43.6		ug/L		136	61 - 145
Chrysene	32.0	29.3		ug/L		92	68 - 129
Dibenz(a,h)anthracene	32.0	33.2		ug/L		104	70 - 134
Dibenzofuran	32.0	22.3		ug/L		70	51 - 110
Diethyl phthalate	32.0	29.1		ug/L		91	62 - 123
Dimethyl phthalate	32.0	26.6		ug/L		83	63 - 122
Di-n-butyl phthalate	32.0	29.9		ug/L		93	69 - 129
Di-n-octyl phthalate	32.0	36.0		ug/L		113	68 - 137
Fluoranthene	32.0	29.4		ug/L		92	68 - 126
Fluorene	32.0	23.6		ug/L		74	53 - 120
Hexachlorobenzene	32.0	24.1		ug/L		75	61 - 126
Hexachlorobutadiene	32.0	14.3		ug/L		45	20 - 100
Hexachlorocyclopentadiene	32.0	<5.1		ug/L		15	10 - 105

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-605069/2-A
Matrix: Water
Analysis Batch: 605186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 605069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	32.0	13.3		ug/L		42	20 - 100
Indeno[1,2,3-cd]pyrene	32.0	32.8		ug/L		103	65 - 133
Isophorone	32.0	24.9		ug/L		78	54 - 127
Naphthalene	32.0	18.0		ug/L		56	36 - 110
Nitrobenzene	32.0	23.1		ug/L		72	54 - 121
N-Nitrosodi-n-propylamine	32.0	22.6		ug/L		71	47 - 131
N-Nitrosodiphenylamine	32.0	29.8		ug/L		93	66 - 120
Pentachlorophenol	64.0	40.6		ug/L		63	42 - 148
Phenanthrene	32.0	25.7		ug/L		80	65 - 120
Phenol	32.0	15.0		ug/L		47	33 - 100
Pyrene	32.0	28.0		ug/L		88	70 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		40 - 145
2-Fluorobiphenyl	67		34 - 110
2-Fluorophenol (Surr)	49		27 - 110
Nitrobenzene-d5 (Surr)	75		36 - 120
Phenol-d5 (Surr)	50		20 - 110
Terphenyl-d14 (Surr)	93		40 - 145

Lab Sample ID: LCSD 500-605069/3-A
Matrix: Water
Analysis Batch: 605186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 605069

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	16.2		ug/L		51	26 - 110	4	20
1,2-Dichlorobenzene	32.0	15.3		ug/L		48	26 - 110	3	20
1,3-Dichlorobenzene	32.0	14.8		ug/L		46	22 - 110	3	20
1,4-Dichlorobenzene	32.0	15.4		ug/L		48	23 - 110	3	20
1-Methylnaphthalene	32.0	20.2		ug/L		63	38 - 110	4	20
2,2'-oxybis[1-chloropropane]	32.0	23.2		ug/L		72	38 - 140	7	20
2,4,5-Trichlorophenol	32.0	26.7		ug/L		83	63 - 124	4	20
2,4,6-Trichlorophenol	32.0	26.8		ug/L		84	62 - 121	7	20
2,4-Dichlorophenol	32.0	25.9		ug/L		81	58 - 120	8	20
2,4-Dimethylphenol	32.0	26.5		ug/L		83	51 - 115	10	20
2,4-Dinitrophenol	64.0	59.2		ug/L		92	37 - 130	7	20
2,4-Dinitrotoluene	32.0	30.4		ug/L		95	63 - 129	2	20
2,6-Dinitrotoluene	32.0	27.9		ug/L		87	63 - 129	3	20
2-Chloronaphthalene	32.0	21.0		ug/L		66	39 - 110	6	20
2-Chlorophenol	32.0	23.7		ug/L		74	59 - 110	10	20
2-Methylnaphthalene	32.0	19.7		ug/L		62	34 - 110	4	20
2-Methylphenol	32.0	23.2		ug/L		73	53 - 115	11	20
2-Nitroaniline	32.0	31.3		ug/L		98	59 - 138	8	20
2-Nitrophenol	32.0	25.1		ug/L		78	59 - 115	7	20
3 & 4 Methylphenol	32.0	22.7		ug/L		71	50 - 116	12	20
3,3'-Dichlorobenzidine	32.0	40.2		ug/L		125	60 - 132	4	20
3-Nitroaniline	32.0	25.9		ug/L		81	47 - 123	6	20
4,6-Dinitro-2-methylphenol	64.0	56.6		ug/L		88	50 - 129	3	20

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-605069/3-A

Matrix: Water

Analysis Batch: 605186

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 605069

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Bromophenyl phenyl ether	32.0	23.3		ug/L		73	58 - 120	3	20
4-Chloro-3-methylphenol	32.0	30.4		ug/L		95	64 - 128	10	20
4-Chloroaniline	32.0	25.8		ug/L		80	35 - 128	5	20
4-Chlorophenyl phenyl ether	32.0	22.6		ug/L		70	48 - 116	3	20
4-Nitroaniline	32.0	32.9		ug/L		103	35 - 110	2	20
4-Nitrophenol	64.0	37.3	*	ug/L		58	20 - 110	21	20
Acenaphthene	32.0	24.0		ug/L		75	46 - 110	5	20
Acenaphthylene	32.0	24.7		ug/L		77	47 - 113	6	20
Anthracene	32.0	26.3		ug/L		82	67 - 118	0	20
Benzo[a]anthracene	32.0	29.1		ug/L		91	70 - 126	2	20
Benzo[a]pyrene	32.0	35.7		ug/L		111	70 - 135	2	20
Benzo[b]fluoranthene	32.0	33.2		ug/L		104	69 - 136	1	20
Benzo[g,h,i]perylene	32.0	31.3		ug/L		98	70 - 135	1	20
Benzo[k]fluoranthene	32.0	30.5		ug/L		95	70 - 133	4	20
Benzoic acid	64.0	30.0		ug/L		47	10 - 112	4	20
Benzyl alcohol	32.0	22.5		ug/L		70	46 - 132	13	20
Bis(2-chloroethoxy)methane	32.0	27.7		ug/L		87	59 - 118	7	20
Bis(2-chloroethyl)ether	32.0	23.6		ug/L		74	54 - 112	10	20
Bis(2-ethylhexyl) phthalate	32.0	32.6		ug/L		102	69 - 136	3	20
Butyl benzyl phthalate	32.0	31.4		ug/L		98	68 - 135	0	20
Carbazole	32.0	43.4		ug/L		136	61 - 145	1	20
Chrysene	32.0	29.4		ug/L		92	68 - 129	0	20
Dibenz(a,h)anthracene	32.0	32.3		ug/L		101	70 - 134	3	20
Dibenzofuran	32.0	23.2		ug/L		72	51 - 110	4	20
Diethyl phthalate	32.0	29.7		ug/L		93	62 - 123	2	20
Dimethyl phthalate	32.0	28.0		ug/L		88	63 - 122	5	20
Di-n-butyl phthalate	32.0	29.8		ug/L		93	69 - 129	0	20
Di-n-octyl phthalate	32.0	36.0		ug/L		112	68 - 137	0	20
Fluoranthene	32.0	29.4		ug/L		92	68 - 126	0	20
Fluorene	32.0	24.4		ug/L		76	53 - 120	4	20
Hexachlorobenzene	32.0	23.8		ug/L		74	61 - 126	1	20
Hexachlorobutadiene	32.0	14.8		ug/L		46	20 - 100	3	20
Hexachlorocyclopentadiene	32.0	5.52	J	ug/L		17	10 - 105	11	20
Hexachloroethane	32.0	14.5		ug/L		45	20 - 100	8	20
Indeno[1,2,3-cd]pyrene	32.0	31.6		ug/L		99	65 - 133	4	20
Isophorone	32.0	27.0		ug/L		84	54 - 127	8	20
Naphthalene	32.0	18.9		ug/L		59	36 - 110	5	20
Nitrobenzene	32.0	25.2		ug/L		79	54 - 121	9	20
N-Nitrosodi-n-propylamine	32.0	24.4		ug/L		76	47 - 131	8	20
N-Nitrosodiphenylamine	32.0	29.8		ug/L		93	66 - 120	0	20
Pentachlorophenol	64.0	37.0		ug/L		58	42 - 148	9	20
Phenanthrene	32.0	26.0		ug/L		81	65 - 120	1	20
Phenol	32.0	16.8		ug/L		52	33 - 100	11	20
Pyrene	32.0	27.8		ug/L		87	70 - 126	1	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	92		40 - 145
2-Fluorobiphenyl	69		34 - 110

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-605069/3-A
Matrix: Water
Analysis Batch: 605186

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 605069

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorophenol (Surr)	47		27 - 110
Nitrobenzene-d5 (Surr)	76		36 - 120
Phenol-d5 (Surr)	53		20 - 110
Terphenyl-d14 (Surr)	90		40 - 145

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-605328/1-A
Matrix: Water
Analysis Batch: 605639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605328

Analyte	MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.0037		0.010	0.0037	mg/L		06/21/21 19:00	06/22/21 15:42	1
Cadmium	0.000528	J	0.0020	0.00043	mg/L		06/21/21 19:00	06/22/21 15:42	1
Chromium	<0.0017		0.010	0.0017	mg/L		06/21/21 19:00	06/22/21 15:42	1
Copper	0.00415	J	0.010	0.0018	mg/L		06/21/21 19:00	06/22/21 15:42	1
Iron	0.468	^	0.20	0.082	mg/L		06/21/21 19:00	06/22/21 15:42	1
Lead	<0.0027		0.0050	0.0027	mg/L		06/21/21 19:00	06/22/21 15:42	1
Manganese	0.00612	J	0.010	0.0023	mg/L		06/21/21 19:00	06/22/21 15:42	1
Molybdenum	<0.0038		0.010	0.0038	mg/L		06/21/21 19:00	06/22/21 15:42	1
Nickel	<0.0019		0.010	0.0019	mg/L		06/21/21 19:00	06/22/21 15:42	1
Selenium	<0.0053		0.010	0.0053	mg/L		06/21/21 19:00	06/22/21 15:42	1
Silver	<0.0015		0.0050	0.0015	mg/L		06/21/21 19:00	06/22/21 15:42	1

Lab Sample ID: LCS 500-605328/2-A
Matrix: Water
Analysis Batch: 605639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 605328

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Arsenic	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.0500	0.0481		mg/L		96	80 - 120
Chromium	0.200	0.197		mg/L		99	80 - 120
Copper	0.250	0.263		mg/L		105	80 - 120
Iron	1.00	0.973	^	mg/L		97	80 - 120
Lead	0.100	0.0952		mg/L		95	80 - 120
Manganese	0.500	0.491		mg/L		98	80 - 120
Molybdenum	1.00	1.04		mg/L		104	80 - 120
Nickel	0.500	0.511		mg/L		102	80 - 120
Selenium	0.100	0.0902		mg/L		90	80 - 120
Silver	0.0500	0.0484		mg/L		97	80 - 120

Lab Sample ID: MB 500-606188/1-A
Matrix: Water
Analysis Batch: 606889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606188

Analyte	MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Zinc	<0.0050		0.020	0.0050	mg/L		06/25/21 08:23	06/29/21 14:41	1

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-606188/2-A
Matrix: Water
Analysis Batch: 606889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606188
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Zinc	0.500	0.462		mg/L		92	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-605947/12-A
Matrix: Water
Analysis Batch: 606231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 605947

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000098		0.00020	0.000098	mg/L		06/24/21 08:35	06/25/21 06:02	1

Lab Sample ID: LCS 500-605947/13-A
Matrix: Water
Analysis Batch: 606231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 605947
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.00200	0.00189		mg/L		94	80 - 120

Method: 335.4 - Cyanide, Total

Lab Sample ID: MB 500-606230/1-A
Matrix: Water
Analysis Batch: 606303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606230

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00320	J	0.0050	0.0025	mg/L		06/25/21 10:49	06/25/21 15:40	1

Lab Sample ID: HLCS 500-606230/2-A
Matrix: Water
Analysis Batch: 606303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606230
%Rec.

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.500	0.452		mg/L		90	90 - 110

Lab Sample ID: LCS 500-606230/3-A
Matrix: Water
Analysis Batch: 606303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606230
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.100	0.0919		mg/L		92	85 - 115

Lab Sample ID: LLCS 500-606230/4-A
Matrix: Water
Analysis Batch: 606303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606230
%Rec.

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	Limits
Cyanide, Total	0.0500	0.0463		mg/L		93	75 - 125

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: 4500 NH3 G - 4500NH3 G - Nitrogen, Total Kjeldahl'

Lab Sample ID: MB 500-607847/1-A
Matrix: Water
Analysis Batch: 608048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 607847

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	0.347	J	0.40	0.24	mg/L		07/06/21 08:11	07/06/21 18:44	1

Lab Sample ID: LCS 500-607847/2-A
Matrix: Water
Analysis Batch: 608048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 607847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Kjeldahl	2.00	2.01		mg/L		101	80 - 120

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 500-606131/54
Matrix: Water
Analysis Batch: 606131

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<3.7		5.0	3.7	mg/L			06/24/21 21:35	1

Lab Sample ID: LCS 500-606131/55
Matrix: Water
Analysis Batch: 606131

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity	100	98.88		mg/L		99	90 - 110

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 500-605605/1
Matrix: Water
Analysis Batch: 605605

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.8		12.5	4.8	mg/L			06/23/21 01:49	1

Lab Sample ID: LCS 500-605605/2
Matrix: Water
Analysis Batch: 605605

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	200	205.5		mg/L		103	80 - 120

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 500-607190/31
Matrix: Water
Analysis Batch: 607190

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		2.0	1.0	mg/L			06/30/21 17:42	1

Euofins TestAmerica, Chicago

QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: LCS 500-607190/32
 Matrix: Water
 Analysis Batch: 607190

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	20.0	20.61		mg/L		103	85 - 115

Method: SM 4500 P E - Phosphorus

Lab Sample ID: MB 500-606992/1-A
 Matrix: Water
 Analysis Batch: 607293

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 606992

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus as P	<0.024		0.050	0.024	mg/L		06/30/21 12:00	07/01/21 13:29	1

Lab Sample ID: LCS 500-606992/2-A
 Matrix: Water
 Analysis Batch: 607293

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 606992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phosphorus as P	0.502	0.511		mg/L		102	80 - 120

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 500-605921/1
 Matrix: Water
 Analysis Batch: 605921

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

Analyte	USB Result	USB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	<2.0		2.0	2.0	mg/L			06/18/21 11:00	1

Lab Sample ID: LCS 500-605921/2
 Matrix: Water
 Analysis Batch: 605921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	246.7	*	mg/L		125	84.6 - 115.4

Lab Sample ID: LCS 500-605921/3
 Matrix: Water
 Analysis Batch: 605921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	236.2	*	mg/L		119	84.6 - 115.4

Lab Sample ID: LCS 500-605921/4
 Matrix: Water
 Analysis Batch: 605921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biochemical Oxygen Demand	198	182.2		mg/L		92	84.6 - 115.4

QC Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Method: SM 5220C - COD

Lab Sample ID: MB 500-606530/1-A
Matrix: Water
Analysis Batch: 606554

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606530

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<60.4		100	60.4	mg/L		06/28/21 11:36	06/28/21 14:25	10

Lab Sample ID: LCS 500-606530/2-A
Matrix: Water
Analysis Batch: 606554

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	500	500.0		mg/L		100	85 - 115



Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Client Sample ID: Leachate

Lab Sample ID: 500-201089-1

Date Collected: 06/16/21 16:00

Matrix: Leachate

Date Received: 06/18/21 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	606874	06/30/21 15:34	JMP	TAL CHI
Total/NA	Analysis	8260B	DL	10	606874	06/30/21 18:51	JMP	TAL CHI
Total/NA	Prep	3510C			605069	06/19/21 08:05	CLL	TAL CHI
Total/NA	Analysis	8270D		1	605186	06/21/21 19:26	AJD	TAL CHI
Total/NA	Prep	3010A			606188	06/25/21 08:23	BDE	TAL CHI
Total/NA	Analysis	6010B		1	606889	06/29/21 15:13	EEN	TAL CHI
Total/NA	Prep	3010A			605328	06/21/21 19:00	LMN	TAL CHI
Total/NA	Analysis	6010B		1	605639	06/22/21 16:25	EEN	TAL CHI
Total/NA	Prep	7470A			605947	06/24/21 08:35	MJG	TAL CHI
Total/NA	Analysis	7470A		1	606231	06/25/21 07:02	MJG	TAL CHI
Total/NA	Prep	Distill/CN			606230	06/25/21 10:49	PSP	TAL CHI
Total/NA	Analysis	335.4		1	606491	06/25/21 19:01	PSP	TAL CHI
Total/NA	Prep	SM4500Norg_C			607847	07/06/21 08:11	ACG1	TAL CHI
Total/NA	Analysis	4500 NH3 G		2	608048	07/06/21 18:55	ACG1	TAL CHI
Total/NA	Analysis	SM 2320B		1	606131	06/24/21 22:14	EAT	TAL CHI
Total/NA	Analysis	SM 2540D		1	605605		CLB	TAL CHI
					(Start)	06/23/21 03:01		
					(End)	06/23/21 03:04		
Total/NA	Analysis	SM 4500 CI- E		20	607190	06/30/21 18:22	MS	TAL CHI
Total/NA	Prep	SM 4500 P B			606992	06/30/21 12:00	MS	TAL CHI
Total/NA	Analysis	SM 4500 P E		5	607293	07/01/21 14:32	MS	TAL CHI
Total/NA	Analysis	SM 5210B		1	605921	06/18/21 13:09	JGM	TAL CHI
Total/NA	Prep	SM 5220			606530	06/28/21 11:36	JGM	TAL CHI
Total/NA	Analysis	SM 5220C		10	606554	06/28/21 14:34	JGM	TAL CHI
Total/NA	Analysis	Field Sampling		1	607478	06/16/21 16:00	JVB	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

Client: Cedar Corporation
Project/Site: Junker LF - Leachate

Job ID: 500-201089-1

Laboratory: Eurofins TestAmerica, Chicago

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


Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-21

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager Kirsten Lee		Site Contact		Date 6/16/21		COC No	
Company Name Cedar Corp		Tel/Email		Lab Contact Samir F		Carrier		1 of 1 COCs	
Address		Analysis Turnaround Time		Filtered Sample (Y/N)		Walk-in Client		Sampler KAL	
City/State/Zip		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____		Perform MS/MSD (Y/N)		Lab Sampling		For Lab Use Only	
Phone 715-235-9081		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		PH Temp Cond Dur#				Job / SDG No	
Project Name Junkyard				See attached 7.03 88.1 4410 401		500-201089 COC		500-201089	
Site		Sample Identification		Matrix		# of Cont.		Sample Specific Notes	
P O #		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		T/C/O	
		Leachate		6/15/21 1600		G L 9		V/Bm/Y	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____									
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments									
EDDs, BOD short hold time 2.9									
Custody Seals Intact. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by Kirsten Lee		Company Cedar Corp		Date/Time 6/16/21 0700		Received by		Company	
		Company		Date/Time		Received by		Company	
		Company		Date/Time		Received in Laboratory by Stephanie Hernandez		Company ETA-CHI	
								Date/Time 6/18/21 0920	

**TASK 6
ANNUAL MONITORING/SAMPLING REQUIREMENTS
(June)**

Cedar Corporation
Junker Landfill Gas Extraction System

Task Description	Comments
------------------	----------

- Task 1 – Weekly Monitoring/Sampling Requirements
- Task 2 – Bi-Weekly Monitoring/Sampling Requirements
- Task 3 – Monthly Monitoring/Sampling Requirements
- Task 4 – Quarterly Monitoring/Sampling Requirements
- Task 5 – Semi-Annual Monitoring/Sampling Requirements, plus the following:

FENCED AREA AT FLARE BUILDING

Sample blower for following analyses: VOC scan (EPA Method TO-14 or 15)	Sample port after valve following blower with Summa canister Sample annually
--	--

Sample condensate/cachate from storage tank and test for the following.	Sample obtained from access port w/ disposable bailer
---	---

<ul style="list-style-type: none"> Field Conductivity at 25° C Field pH Total Suspended Solids (TSS)* BOD_{5 Day} (2-day hold)* COD Fe, Mn, Cu, Ni, Zn, Mo, total As, Cd, Cr, Pb, Hg, Se, Ag, total Cyanide Alkalinity Chlorides Total Kjeldahl Nitrogen Total Phosphorous VOCs (Chloroform included) Semi-Volatiles 	<ul style="list-style-type: none"> Electronic submittal of data to Madison Method SM25440D Method SM5210B Method 410.4 Method 200.7 or 6010 Method 200.7 or 6010 (Hg by EPA 245.1) Method 335.4 or 9010A Method 310.2 Method 325.2 Method 351.2 Method 365.1 Method 8021 or 8260 Method 8270
--	---

*BOD_{5 Day} and TSS are analyzed by the waste treatment facility each month

Confirm seals in both driplegs -- sediment not obstructing "U" position	Landfill
---	----------

GROUNDWATER MONITORING

A. Monitoring Wells

Sample groundwater for analysis from the following monitoring wells MW-3, MW-4, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14,	WaTerra groundwater sampling equipment used for collecting samples. Field blanks (2) do not need to be collected so long as WaTerra method is used for sample collection.
--	---

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7/13/2021



Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-201089-1

Login Number: 201089

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	2.9
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)	False	BOD past hold
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

6/17/21
6/18/21

MIN#	DIV	TDC	GLUE	TIME	TSF	DATE
3	86.74 Broken	986.92	900.18	0850		6/18/21
4	116.86	1017.04	900.78	0930		6/18/21
6	109.44	needs to be resurveyed		1330		6/17/21
7	111.40	1019.01	901.91	1030		6/18/21
8	102.34	needs to be resurveyed		1310		6/17/21
9	106.46			1340		6/17/21
10	107.38			1410		6/17/21
11	130.21	1034.16	903.95	1000		6/17/21
12	154.85	1005.54	910.69	1315		6/18/21
* 13	110.06	1011.85	901.79	0915		6/17/21
14	69.49	970.15	901.26	1100		6/17/21
15A	70.33	924.29	853.96	1130		6/17/21
15B	70.55	924.52	853.97	1125	1200	6/17/21
15C	70.30	924.66	854.36	1200	1115	6/17/21
116	59.33	915.13	855.80	1240		6/17/21
116	-	-	-	-	-	6/17/21
Blower	-	-	-	1600		6/16/21
Leachate	-	-	-	1600		6/16/21

collected GPS coordinates
* SUVs

Pinkys pumped 36" 1,680 gallons

T/C/O	PH	Temp	Cond	DNR#
Mud/CLN	7.53	17.5	417	3
N/CLN	7.50	16.8	501	4
SH/CLN	7.13	21.4	615	6
SH/CLN	7.52	19.8	500	7
SH/CLN	7.51	22.1	512	8
N/CLN	7.42	21.7	488	9
N/CLN	7.50	21.9	488	10
N/CLN	7.72	19.9	452	15
SH/CLN	7.23	23.1	632	17
SH/CLN	7.61	18.1	514	19
SH/CLN	7.24	19.5	608	21
SH/CLN	7.88	17.5	521	23
N/CLN	7.70	17.9	542	25
N/CLN	7.49	19.0	506	27
N/CLN	7.33	24.7	499	29
-	-	-	-	-
-	-	-	-	-
V/BODY	7.03	22.1	410	401

mudsa
lock

Return to the Rain.

ANALYTICAL REPORT

Eurofins TestAmerica, Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Tel: (865)291-3000

Laboratory Job ID: 140-23534-1
Client Project/Site: Junker LF - 5115

For:
Cedar Corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751

Attn: Mitch Evenson

Jodie Bracken

Authorized for release by:
6/25/2021 6:12:24 PM

Jodie Bracken, Project Management Assistant II
Jodie.Bracken@Eurofinset.com

Designee for

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

Case Narrative

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Job ID: 140-23534-1

Laboratory: Eurofins TestAmerica, Knoxville

Narrative

Job Narrative 140-23534-1

Comments

No additional comments.

Receipt

The sample was received on 6/21/2021 9:30 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice.

Air - GC/MS VOA

Methods TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Method TO-15: The continuing calibration verification (CCV) associated with batch 140-51035 exhibited % difference of > 30% for the following analyte(s) 1,3,5-Trimethylbenzene and n-Butylbenzene; however, the results were within the LCS acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria.

Method TO-15: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 140-51035: 1,3,5-Trimethylbenzene. This is not indicative of a systematic control problem because this was random marginal exceedance. Qualified results have been reported.

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: Junker LF - 5115

Job ID: 140-23534-1

Client Sample ID: BLOWER_06152021

Lab Sample ID: 140-23534-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	85		81	7.7	ppb v/v	20.18		TO-15	Total/NA
Benzyl chloride	88	J	320	38	ppb v/v	20.18		TO-15	Total/NA
Carbon disulfide	18	J	200	11	ppb v/v	20.18		TO-15	Total/NA
Chlorobenzene	43	J	81	6.5	ppb v/v	20.18		TO-15	Total/NA
Chloroethane	52	J	320	29	ppb v/v	20.18		TO-15	Total/NA
cis-1,2-Dichloroethene	35	J	81	10	ppb v/v	20.18		TO-15	Total/NA
Cyclohexane	43	J	200	24	ppb v/v	20.18		TO-15	Total/NA
1,4-Dichlorobenzene	53	J	81	16	ppb v/v	20.18		TO-15	Total/NA
Dichlorodifluoromethane	130	J	200	14	ppb v/v	20.18		TO-15	Total/NA
1,1-Dichloroethane	9.4	J	81	7.3	ppb v/v	20.18		TO-15	Total/NA
1,2-Dichloroethane	13	J	81	10	ppb v/v	20.18		TO-15	Total/NA
1,2-Dichloro-1,1,2,2-tetrafluoroethane	23	J	81	13	ppb v/v	20.18		TO-15	Total/NA
Ethylbenzene	4500		81	13	ppb v/v	20.18		TO-15	Total/NA
Hexane	110	J	320	13	ppb v/v	20.18		TO-15	Total/NA
Isopropylbenzene	190	J	320	17	ppb v/v	20.18		TO-15	Total/NA
m-Xylene & p-Xylene	15000		320	29	ppb v/v	20.18		TO-15	Total/NA
o-Xylene	3900		81	15	ppb v/v	20.18		TO-15	Total/NA
Styrene	31	J	81	24	ppb v/v	20.18		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	36	J	81	15	ppb v/v	20.18		TO-15	Total/NA
Tetrachloroethene	18	J	81	6.9	ppb v/v	20.18		TO-15	Total/NA
Tetrahydrofuran	1000	J	2000	73	ppb v/v	20.18		TO-15	Total/NA
Toluene	4100		81	79	ppb v/v	20.18		TO-15	Total/NA
trans-1,3-Dichloropropene	64	J	81	8.5	ppb v/v	20.18		TO-15	Total/NA
Trichloroethene	18	J	81	13	ppb v/v	20.18		TO-15	Total/NA
Trichlorofluoromethane	47	J	81	7.3	ppb v/v	20.18		TO-15	Total/NA
1,2,4-Trimethylbenzene	620		81	21	ppb v/v	20.18		TO-15	Total/NA
1,3,5-Trimethylbenzene	350	^c *	81	22	ppb v/v	20.18		TO-15	Total/NA
Vinyl chloride	380		81	27	ppb v/v	20.18		TO-15	Total/NA
Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Benzene	270		260	24	ug/m3	20.18		TO-15	Total/NA
Benzyl chloride	460	J	1700	200	ug/m3	20.18		TO-15	Total/NA
Carbon disulfide	55	J	630	35	ug/m3	20.18		TO-15	Total/NA
Chlorobenzene	200	J	370	30	ug/m3	20.18		TO-15	Total/NA
Chloroethane	140	J	850	77	ug/m3	20.18		TO-15	Total/NA
cis-1,2-Dichloroethene	140	J	320	40	ug/m3	20.18		TO-15	Total/NA
Cyclohexane	150	J	690	82	ug/m3	20.18		TO-15	Total/NA
1,4-Dichlorobenzene	320	J	490	97	ug/m3	20.18		TO-15	Total/NA
Dichlorodifluoromethane	640	J	1000	70	ug/m3	20.18		TO-15	Total/NA
1,1-Dichloroethane	38	J	330	29	ug/m3	20.18		TO-15	Total/NA
1,2-Dichloroethane	52	J	330	41	ug/m3	20.18		TO-15	Total/NA
1,2-Dichloro-1,1,2,2-tetrafluoroethane	160	J	560	87	ug/m3	20.18		TO-15	Total/NA
Ethylbenzene	20000		350	58	ug/m3	20.18		TO-15	Total/NA
Hexane	380	J	1100	47	ug/m3	20.18		TO-15	Total/NA
Isopropylbenzene	930	J	1600	83	ug/m3	20.18		TO-15	Total/NA
m-Xylene & p-Xylene	67000		1400	130	ug/m3	20.18		TO-15	Total/NA
o-Xylene	17000		350	67	ug/m3	20.18		TO-15	Total/NA
Styrene	130	J	340	100	ug/m3	20.18		TO-15	Total/NA
1,1,2,2-Tetrachloroethane	250	J	550	100	ug/m3	20.18		TO-15	Total/NA
Tetrachloroethene	120	J	550	47	ug/m3	20.18		TO-15	Total/NA
Tetrahydrofuran	3000	J	6000	210	ug/m3	20.18		TO-15	Total/NA
Toluene	16000		300	300	ug/m3	20.18		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Knoxville

Detection Summary

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Client Sample ID: BLOWER_06152021 (Continued)

Lab Sample ID: 140-23534-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
trans-1,3-Dichloropropene	290	J	370	38	ug/m3	20.18		TO-15	Total/NA
Trichloroethene	99	J	430	69	ug/m3	20.18		TO-15	Total/NA
Trichlorofluoromethane	270	J	450	41	ug/m3	20.18		TO-15	Total/NA
1,2,4-Trimethylbenzene	3100		400	100	ug/m3	20.18		TO-15	Total/NA
1,3,5-Trimethylbenzene	1700	^c *	400	110	ug/m3	20.18		TO-15	Total/NA
Vinyl chloride	980		210	68	ug/m3	20.18		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Client Sample ID: BLOWER_06152021

Lab Sample ID: 140-23534-1

Date Collected: 06/16/21 16:00

Matrix: Air

Date Received: 06/21/21 09:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<570		2000	570	ppb v/v			06/23/21 08:02	20.18
Benzene	85		81	7.7	ppb v/v			06/23/21 08:02	20.18
Benzyl chloride	88	J	320	38	ppb v/v			06/23/21 08:02	20.18
Bromodichloromethane	<18		81	18	ppb v/v			06/23/21 08:02	20.18
Bromoform	<8.9		81	8.9	ppb v/v			06/23/21 08:02	20.18
Bromomethane	<23		81	23	ppb v/v			06/23/21 08:02	20.18
2-Butanone (MEK)	<74		400	74	ppb v/v			06/23/21 08:02	20.18
Carbon disulfide	18	J	200	11	ppb v/v			06/23/21 08:02	20.18
Carbon tetrachloride	<7.3		81	7.3	ppb v/v			06/23/21 08:02	20.18
Chlorobenzene	43	J	81	6.5	ppb v/v			06/23/21 08:02	20.18
Chloroethane	52	J	320	29	ppb v/v			06/23/21 08:02	20.18
Chloroform	<6.5		81	6.5	ppb v/v			06/23/21 08:02	20.18
Chloromethane	<67		200	67	ppb v/v			06/23/21 08:02	20.18
cis-1,2-Dichloroethene	35	J	81	10	ppb v/v			06/23/21 08:02	20.18
cis-1,3-Dichloropropene	<16		81	16	ppb v/v			06/23/21 08:02	20.18
Cyclohexane	43	J	200	24	ppb v/v			06/23/21 08:02	20.18
Dibromochloromethane	<6.9		81	6.9	ppb v/v			06/23/21 08:02	20.18
Ethylene Dibromide	<6.9		81	6.9	ppb v/v			06/23/21 08:02	20.18
1,2-Dichlorobenzene	<31		81	31	ppb v/v			06/23/21 08:02	20.18
1,3-Dichlorobenzene	<16		81	16	ppb v/v			06/23/21 08:02	20.18
1,4-Dichlorobenzene	53	J	81	16	ppb v/v			06/23/21 08:02	20.18
Dichlorodifluoromethane	130	J	200	14	ppb v/v			06/23/21 08:02	20.18
1,1-Dichloroethane	9.4	J	81	7.3	ppb v/v			06/23/21 08:02	20.18
1,2-Dichloroethane	13	J	81	10	ppb v/v			06/23/21 08:02	20.18
1,1-Dichloroethene	<8.1		81	8.1	ppb v/v			06/23/21 08:02	20.18
1,2-Dichloropropane	<10		81	10	ppb v/v			06/23/21 08:02	20.18
1,2-Dichloro-1,1,2,2-tetrafluoroethane	23	J	81	13	ppb v/v			06/23/21 08:02	20.18
1,4-Dioxane	<30		2000	30	ppb v/v			06/23/21 08:02	20.18
Ethylbenzene	4500		81	13	ppb v/v			06/23/21 08:02	20.18
Hexachlorobutadiene	<32		81	32	ppb v/v			06/23/21 08:02	20.18
Hexane	110	J	320	13	ppb v/v			06/23/21 08:02	20.18
Isopropyl alcohol	<97		2000	97	ppb v/v			06/23/21 08:02	20.18
Isopropylbenzene	190	J	320	17	ppb v/v			06/23/21 08:02	20.18
Methylene Chloride	<390		400	390	ppb v/v			06/23/21 08:02	20.18
4-Methyl-2-pentanone (MIBK)	<54		200	54	ppb v/v			06/23/21 08:02	20.18
Methyl tert-butyl ether	<52		400	52	ppb v/v			06/23/21 08:02	20.18
m-Xylene & p-Xylene	15000		320	29	ppb v/v			06/23/21 08:02	20.18
Naphthalene	<77		200	77	ppb v/v			06/23/21 08:02	20.18
o-Xylene	3900		81	15	ppb v/v			06/23/21 08:02	20.18
Styrene	31	J	81	24	ppb v/v			06/23/21 08:02	20.18
1,1,2,2-Tetrachloroethane	36	J	81	15	ppb v/v			06/23/21 08:02	20.18
Tetrachloroethene	18	J	81	6.9	ppb v/v			06/23/21 08:02	20.18
Tetrahydrofuran	1000	J	2000	73	ppb v/v			06/23/21 08:02	20.18
Toluene	4100		81	79	ppb v/v			06/23/21 08:02	20.18
trans-1,2-Dichloroethene	<6.5		81	6.5	ppb v/v			06/23/21 08:02	20.18
trans-1,3-Dichloropropene	64	J	81	8.5	ppb v/v			06/23/21 08:02	20.18
1,2,4-Trichlorobenzene	<65		810	65	ppb v/v			06/23/21 08:02	20.18
1,1,1-Trichloroethane	<20		81	20	ppb v/v			06/23/21 08:02	20.18

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Client Sample ID: BLOWER_06152021

Lab Sample ID: 140-23534-1

Date Collected: 06/16/21 16:00

Matrix: Air

Date Received: 06/21/21 09:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<7.3		81	7.3	ppb v/v			06/23/21 08:02	20.18
Trichloroethene	18	J	81	13	ppb v/v			06/23/21 08:02	20.18
Trichlorofluoromethane	47	J	81	7.3	ppb v/v			06/23/21 08:02	20.18
1,1,2-Trichloro-1,2,2-trifluoroethane	<8.5		81	8.5	ppb v/v			06/23/21 08:02	20.18
1,2,4-Trimethylbenzene	620		81	21	ppb v/v			06/23/21 08:02	20.18
1,3,5-Trimethylbenzene	350	^c *	81	22	ppb v/v			06/23/21 08:02	20.18
Vinyl acetate	<29		2000	29	ppb v/v			06/23/21 08:02	20.18
Vinyl bromide	<20		81	20	ppb v/v			06/23/21 08:02	20.18
Vinyl chloride	380		81	27	ppb v/v			06/23/21 08:02	20.18
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1400		4800	1400	ug/m3			06/23/21 08:02	20.18
Benzene	270		260	24	ug/m3			06/23/21 08:02	20.18
Benzyl chloride	460	J	1700	200	ug/m3			06/23/21 08:02	20.18
Bromodichloromethane	<120		540	120	ug/m3			06/23/21 08:02	20.18
Bromoform	<92		830	92	ug/m3			06/23/21 08:02	20.18
Bromomethane	<88		310	88	ug/m3			06/23/21 08:02	20.18
2-Butanone (MEK)	<220		1200	220	ug/m3			06/23/21 08:02	20.18
Carbon disulfide	55	J	630	35	ug/m3			06/23/21 08:02	20.18
Carbon tetrachloride	<46		510	46	ug/m3			06/23/21 08:02	20.18
Chlorobenzene	200	J	370	30	ug/m3			06/23/21 08:02	20.18
Chloroethane	140	J	850	77	ug/m3			06/23/21 08:02	20.18
Chloroform	<32		390	32	ug/m3			06/23/21 08:02	20.18
Chloromethane	<140		420	140	ug/m3			06/23/21 08:02	20.18
cis-1,2-Dichloroethene	140	J	320	40	ug/m3			06/23/21 08:02	20.18
cis-1,3-Dichloropropene	<71		370	71	ug/m3			06/23/21 08:02	20.18
Cyclohexane	150	J	690	82	ug/m3			06/23/21 08:02	20.18
Dibromochloromethane	<58		690	58	ug/m3			06/23/21 08:02	20.18
Ethylene Dibromide	<53		620	53	ug/m3			06/23/21 08:02	20.18
1,2-Dichlorobenzene	<180		490	180	ug/m3			06/23/21 08:02	20.18
1,3-Dichlorobenzene	<97		490	97	ug/m3			06/23/21 08:02	20.18
1,4-Dichlorobenzene	320	J	490	97	ug/m3			06/23/21 08:02	20.18
Dichlorodifluoromethane	640	J	1000	70	ug/m3			06/23/21 08:02	20.18
1,1-Dichloroethane	38	J	330	29	ug/m3			06/23/21 08:02	20.18
1,2-Dichloroethane	52	J	330	41	ug/m3			06/23/21 08:02	20.18
1,1-Dichloroethene	<32		320	32	ug/m3			06/23/21 08:02	20.18
1,2-Dichloropropane	<47		370	47	ug/m3			06/23/21 08:02	20.18
1,2-Dichloro-1,1,2,2-tetrafluoroethane	160	J	560	87	ug/m3			06/23/21 08:02	20.18
1,4-Dioxane	<110		7300	110	ug/m3			06/23/21 08:02	20.18
Ethylbenzene	20000		350	58	ug/m3			06/23/21 08:02	20.18
Hexachlorobutadiene	<340		860	340	ug/m3			06/23/21 08:02	20.18
Hexane	380	J	1100	47	ug/m3			06/23/21 08:02	20.18
Isopropyl alcohol	<240		5000	240	ug/m3			06/23/21 08:02	20.18
Isopropylbenzene	930	J	1600	83	ug/m3			06/23/21 08:02	20.18
Methylene Chloride	<1400		1400	1400	ug/m3			06/23/21 08:02	20.18
4-Methyl-2-pentanone (MIBK)	<220		830	220	ug/m3			06/23/21 08:02	20.18
Methyl tert-butyl ether	<190		1500	190	ug/m3			06/23/21 08:02	20.18
m-Xylene & p-Xylene	67000		1400	130	ug/m3			06/23/21 08:02	20.18

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Client Sample ID: BLOWER_06152021

Lab Sample ID: 140-23534-1

Date Collected: 06/16/21 16:00

Matrix: Air

Date Received: 06/21/21 09:30

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<400		1100	400	ug/m3			06/23/21 08:02	20.18
o-Xylene	17000		350	67	ug/m3			06/23/21 08:02	20.18
Styrene	130	J	340	100	ug/m3			06/23/21 08:02	20.18
1,1,2,2-Tetrachloroethane	250	J	550	100	ug/m3			06/23/21 08:02	20.18
Tetrachloroethene	120	J	550	47	ug/m3			06/23/21 08:02	20.18
Tetrahydrofuran	3000	J	6000	210	ug/m3			06/23/21 08:02	20.18
Toluene	16000		300	300	ug/m3			06/23/21 08:02	20.18
trans-1,2-Dichloroethene	<26		320	26	ug/m3			06/23/21 08:02	20.18
trans-1,3-Dichloropropene	290	J	370	38	ug/m3			06/23/21 08:02	20.18
1,2,4-Trichlorobenzene	<480		6000	480	ug/m3			06/23/21 08:02	20.18
1,1,1-Trichloroethane	<110		440	110	ug/m3			06/23/21 08:02	20.18
1,1,2-Trichloroethane	<40		440	40	ug/m3			06/23/21 08:02	20.18
Trichloroethene	99	J	430	69	ug/m3			06/23/21 08:02	20.18
Trichlorofluoromethane	270	J	450	41	ug/m3			06/23/21 08:02	20.18
1,1,2-Trichloro-1,2,2-trifluoroethane	<65		620	65	ug/m3			06/23/21 08:02	20.18
1,2,4-Trimethylbenzene	3100		400	100	ug/m3			06/23/21 08:02	20.18
1,3,5-Trimethylbenzene	1700	^c *	400	110	ug/m3			06/23/21 08:02	20.18
Vinyl acetate	<100		7100	100	ug/m3			06/23/21 08:02	20.18
Vinyl bromide	<88		350	88	ug/m3			06/23/21 08:02	20.18
Vinyl chloride	980		210	68	ug/m3			06/23/21 08:02	20.18

Default Detection Limits

Client: Cedar Corporation
 Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	LOQ	LOD	Units
1,1,1-Trichloroethane	0.20	0.049	ppb v/v
1,1,1-Trichloroethane	1.1	0.27	ug/m3
1,1,2,2-Tetrachloroethane	0.20	0.036	ppb v/v
1,1,2,2-Tetrachloroethane	1.4	0.25	ug/m3
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	0.021	ppb v/v
1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	0.16	ug/m3
1,1,2-Trichloroethane	0.20	0.018	ppb v/v
1,1,2-Trichloroethane	1.1	0.098	ug/m3
1,1-Dichloroethane	0.20	0.018	ppb v/v
1,1-Dichloroethane	0.81	0.073	ug/m3
1,1-Dichloroethene	0.20	0.020	ppb v/v
1,1-Dichloroethene	0.79	0.079	ug/m3
1,2,4-Trichlorobenzene	2.0	0.16	ppb v/v
1,2,4-Trichlorobenzene	15	1.2	ug/m3
1,2,4-Trimethylbenzene	0.20	0.051	ppb v/v
1,2,4-Trimethylbenzene	0.98	0.25	ug/m3
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.20	0.031	ppb v/v
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.4	0.22	ug/m3
1,2-Dichlorobenzene	0.20	0.076	ppb v/v
1,2-Dichlorobenzene	1.2	0.46	ug/m3
1,2-Dichloroethane	0.20	0.025	ppb v/v
1,2-Dichloroethane	0.81	0.10	ug/m3
1,2-Dichloropropane	0.20	0.025	ppb v/v
1,2-Dichloropropane	0.92	0.12	ug/m3
1,3,5-Trimethylbenzene	0.20	0.055	ppb v/v
1,3,5-Trimethylbenzene	0.98	0.27	ug/m3
1,3-Dichlorobenzene	0.20	0.040	ppb v/v
1,3-Dichlorobenzene	1.2	0.24	ug/m3
1,4-Dichlorobenzene	0.20	0.040	ppb v/v
1,4-Dichlorobenzene	1.2	0.24	ug/m3
1,4-Dioxane	5.0	0.075	ppb v/v
1,4-Dioxane	18	0.27	ug/m3
2-Butanone (MEK)	1.0	0.18	ppb v/v
2-Butanone (MEK)	2.9	0.54	ug/m3
4-Methyl-2-pentanone (MIBK)	0.50	0.14	ppb v/v
4-Methyl-2-pentanone (MIBK)	2.0	0.55	ug/m3
Acetone	5.0	1.4	ppb v/v
Acetone	12	3.4	ug/m3
Benzene	0.20	0.019	ppb v/v
Benzene	0.64	0.061	ug/m3
Benzyl chloride	0.80	0.095	ppb v/v
Benzyl chloride	4.1	0.49	ug/m3
Bromodichloromethane	0.20	0.044	ppb v/v
Bromodichloromethane	1.3	0.29	ug/m3
Bromoform	0.20	0.022	ppb v/v
Bromoform	2.1	0.23	ug/m3
Bromomethane	0.20	0.056	ppb v/v
Bromomethane	0.78	0.22	ug/m3
Carbon disulfide	0.50	0.028	ppb v/v
Carbon disulfide	1.6	0.087	ug/m3
Carbon tetrachloride	0.20	0.018	ppb v/v
Carbon tetrachloride	1.3	0.11	ug/m3
Chlorobenzene	0.20	0.016	ppb v/v

Eurofins TestAmerica, Knoxville

Default Detection Limits

Client: Cedar Corporation
 Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	LOQ	LOD	Units
Chlorobenzene	0.92	0.074	ug/m3
Chloroethane	0.80	0.072	ppb v/v
Chloroethane	2.1	0.19	ug/m3
Chloroform	0.20	0.016	ppb v/v
Chloroform	0.98	0.078	ug/m3
Chloromethane	0.50	0.17	ppb v/v
Chloromethane	1.0	0.34	ug/m3
cis-1,2-Dichloroethene	0.20	0.025	ppb v/v
cis-1,2-Dichloroethene	0.79	0.099	ug/m3
cis-1,3-Dichloropropene	0.20	0.039	ppb v/v
cis-1,3-Dichloropropene	0.91	0.18	ug/m3
Cyclohexane	0.50	0.059	ppb v/v
Cyclohexane	1.7	0.20	ug/m3
Dibromochloromethane	0.20	0.017	ppb v/v
Dibromochloromethane	1.7	0.14	ug/m3
Dichlorodifluoromethane	0.50	0.035	ppb v/v
Dichlorodifluoromethane	2.5	0.17	ug/m3
Ethylbenzene	0.20	0.033	ppb v/v
Ethylbenzene	0.87	0.14	ug/m3
Ethylene Dibromide	0.20	0.017	ppb v/v
Ethylene Dibromide	1.5	0.13	ug/m3
Hexachlorobutadiene	0.20	0.080	ppb v/v
Hexachlorobutadiene	2.1	0.85	ug/m3
Hexane	0.80	0.033	ppb v/v
Hexane	2.8	0.12	ug/m3
Isopropyl alcohol	5.0	0.24	ppb v/v
Isopropyl alcohol	12	0.59	ug/m3
Isopropylbenzene	0.80	0.042	ppb v/v
Isopropylbenzene	3.9	0.21	ug/m3
Methyl tert-butyl ether	1.0	0.13	ppb v/v
Methyl tert-butyl ether	3.6	0.47	ug/m3
Methylene Chloride	1.0	0.97	ppb v/v
Methylene Chloride	3.5	3.4	ug/m3
m-Xylene & p-Xylene	0.80	0.073	ppb v/v
m-Xylene & p-Xylene	3.5	0.32	ug/m3
Naphthalene	0.50	0.19	ppb v/v
Naphthalene	2.6	1.0	ug/m3
o-Xylene	0.20	0.038	ppb v/v
o-Xylene	0.87	0.17	ug/m3
Styrene	0.20	0.060	ppb v/v
Styrene	0.85	0.26	ug/m3
Tetrachloroethene	0.20	0.017	ppb v/v
Tetrachloroethene	1.4	0.12	ug/m3
Tetrahydrofuran	5.0	0.18	ppb v/v
Tetrahydrofuran	15	0.53	ug/m3
Toluene	0.20	0.20	ppb v/v
Toluene	0.75	0.74	ug/m3
trans-1,2-Dichloroethene	0.20	0.016	ppb v/v
trans-1,2-Dichloroethene	0.79	0.063	ug/m3
trans-1,3-Dichloropropene	0.20	0.021	ppb v/v
trans-1,3-Dichloropropene	0.91	0.095	ug/m3
Trichloroethene	0.20	0.032	ppb v/v
Trichloroethene	1.1	0.17	ug/m3

Eurofins TestAmerica, Knoxville

Default Detection Limits

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	LOQ	LOD	Units
Trichlorofluoromethane	0.20	0.018	ppb v/v
Trichlorofluoromethane	1.1	0.10	ug/m3
Vinyl acetate	5.0	0.071	ppb v/v
Vinyl acetate	18	0.25	ug/m3
Vinyl bromide	0.20	0.050	ppb v/v
Vinyl bromide	0.87	0.22	ug/m3
Vinyl chloride	0.20	0.066	ppb v/v
Vinyl chloride	0.51	0.17	ug/m3

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QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-51035/4

Matrix: Air

Analysis Batch: 51035

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.4		5.0	1.4	ppb v/v			06/22/21 17:35	1
Benzene	<0.019		0.20	0.019	ppb v/v			06/22/21 17:35	1
Benzyl chloride	<0.095		0.80	0.095	ppb v/v			06/22/21 17:35	1
Bromodichloromethane	<0.044		0.20	0.044	ppb v/v			06/22/21 17:35	1
Bromoform	<0.022		0.20	0.022	ppb v/v			06/22/21 17:35	1
Bromomethane	<0.056		0.20	0.056	ppb v/v			06/22/21 17:35	1
2-Butanone (MEK)	<0.18		1.0	0.18	ppb v/v			06/22/21 17:35	1
Carbon disulfide	<0.028		0.50	0.028	ppb v/v			06/22/21 17:35	1
Carbon tetrachloride	<0.018		0.20	0.018	ppb v/v			06/22/21 17:35	1
Chlorobenzene	<0.016		0.20	0.016	ppb v/v			06/22/21 17:35	1
Chloroethane	<0.072		0.80	0.072	ppb v/v			06/22/21 17:35	1
Chloroform	<0.016		0.20	0.016	ppb v/v			06/22/21 17:35	1
Chloromethane	<0.17		0.50	0.17	ppb v/v			06/22/21 17:35	1
cis-1,2-Dichloroethene	<0.025		0.20	0.025	ppb v/v			06/22/21 17:35	1
cis-1,3-Dichloropropene	<0.039		0.20	0.039	ppb v/v			06/22/21 17:35	1
Cyclohexane	<0.059		0.50	0.059	ppb v/v			06/22/21 17:35	1
Dibromochloromethane	<0.017		0.20	0.017	ppb v/v			06/22/21 17:35	1
Ethylene Dibromide	0.0188	J	0.20	0.017	ppb v/v			06/22/21 17:35	1
1,2-Dichlorobenzene	<0.076		0.20	0.076	ppb v/v			06/22/21 17:35	1
1,3-Dichlorobenzene	<0.040		0.20	0.040	ppb v/v			06/22/21 17:35	1
1,4-Dichlorobenzene	<0.040		0.20	0.040	ppb v/v			06/22/21 17:35	1
Dichlorodifluoromethane	<0.035		0.50	0.035	ppb v/v			06/22/21 17:35	1
1,1-Dichloroethane	<0.018		0.20	0.018	ppb v/v			06/22/21 17:35	1
1,2-Dichloroethane	<0.025		0.20	0.025	ppb v/v			06/22/21 17:35	1
1,1-Dichloroethene	<0.020		0.20	0.020	ppb v/v			06/22/21 17:35	1
1,2-Dichloropropane	<0.025		0.20	0.025	ppb v/v			06/22/21 17:35	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<0.031		0.20	0.031	ppb v/v			06/22/21 17:35	1
1,4-Dioxane	<0.075		5.0	0.075	ppb v/v			06/22/21 17:35	1
Ethylbenzene	<0.033		0.20	0.033	ppb v/v			06/22/21 17:35	1
Hexachlorobutadiene	<0.080		0.20	0.080	ppb v/v			06/22/21 17:35	1
Hexane	<0.033		0.80	0.033	ppb v/v			06/22/21 17:35	1
Isopropyl alcohol	<0.24		5.0	0.24	ppb v/v			06/22/21 17:35	1
Isopropylbenzene	<0.042		0.80	0.042	ppb v/v			06/22/21 17:35	1
Methylene Chloride	<0.97		1.0	0.97	ppb v/v			06/22/21 17:35	1
4-Methyl-2-pentanone (MIBK)	<0.14		0.50	0.14	ppb v/v			06/22/21 17:35	1
Methyl tert-butyl ether	<0.13		1.0	0.13	ppb v/v			06/22/21 17:35	1
m-Xylene & p-Xylene	<0.073		0.80	0.073	ppb v/v			06/22/21 17:35	1
Naphthalene	<0.19		0.50	0.19	ppb v/v			06/22/21 17:35	1
o-Xylene	<0.038		0.20	0.038	ppb v/v			06/22/21 17:35	1
Styrene	<0.060		0.20	0.060	ppb v/v			06/22/21 17:35	1
1,1,2,2-Tetrachloroethane	<0.036		0.20	0.036	ppb v/v			06/22/21 17:35	1
Tetrachloroethene	<0.017		0.20	0.017	ppb v/v			06/22/21 17:35	1
Tetrahydrofuran	<0.18		5.0	0.18	ppb v/v			06/22/21 17:35	1
Toluene	<0.20		0.20	0.20	ppb v/v			06/22/21 17:35	1
trans-1,2-Dichloroethene	<0.016		0.20	0.016	ppb v/v			06/22/21 17:35	1
trans-1,3-Dichloropropene	<0.021		0.20	0.021	ppb v/v			06/22/21 17:35	1
1,2,4-Trichlorobenzene	<0.16		2.0	0.16	ppb v/v			06/22/21 17:35	1
1,1,1-Trichloroethane	<0.049		0.20	0.049	ppb v/v			06/22/21 17:35	1

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-51035/4
Matrix: Air
Analysis Batch: 51035

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.018		0.20	0.018	ppb v/v			06/22/21 17:35	1
Trichloroethene	<0.032		0.20	0.032	ppb v/v			06/22/21 17:35	1
Trichlorofluoromethane	<0.018		0.20	0.018	ppb v/v			06/22/21 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.021		0.20	0.021	ppb v/v			06/22/21 17:35	1
1,2,4-Trimethylbenzene	<0.051		0.20	0.051	ppb v/v			06/22/21 17:35	1
1,3,5-Trimethylbenzene	<0.055		0.20	0.055	ppb v/v			06/22/21 17:35	1
Vinyl acetate	<0.071		5.0	0.071	ppb v/v			06/22/21 17:35	1
Vinyl bromide	<0.050		0.20	0.050	ppb v/v			06/22/21 17:35	1
Vinyl chloride	<0.066		0.20	0.066	ppb v/v			06/22/21 17:35	1
Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<3.4		12	3.4	ug/m3			06/22/21 17:35	1
Benzene	<0.061		0.64	0.061	ug/m3			06/22/21 17:35	1
Benzyl chloride	<0.49		4.1	0.49	ug/m3			06/22/21 17:35	1
Bromodichloromethane	<0.29		1.3	0.29	ug/m3			06/22/21 17:35	1
Bromoform	<0.23		2.1	0.23	ug/m3			06/22/21 17:35	1
Bromomethane	<0.22		0.78	0.22	ug/m3			06/22/21 17:35	1
2-Butanone (MEK)	<0.54		2.9	0.54	ug/m3			06/22/21 17:35	1
Carbon disulfide	<0.087		1.6	0.087	ug/m3			06/22/21 17:35	1
Carbon tetrachloride	<0.11		1.3	0.11	ug/m3			06/22/21 17:35	1
Chlorobenzene	<0.074		0.92	0.074	ug/m3			06/22/21 17:35	1
Chloroethane	<0.19		2.1	0.19	ug/m3			06/22/21 17:35	1
Chloroform	<0.078		0.98	0.078	ug/m3			06/22/21 17:35	1
Chloromethane	<0.34		1.0	0.34	ug/m3			06/22/21 17:35	1
cis-1,2-Dichloroethene	<0.099		0.79	0.099	ug/m3			06/22/21 17:35	1
cis-1,3-Dichloropropene	<0.18		0.91	0.18	ug/m3			06/22/21 17:35	1
Cyclohexane	<0.20		1.7	0.20	ug/m3			06/22/21 17:35	1
Dibromochloromethane	<0.14		1.7	0.14	ug/m3			06/22/21 17:35	1
Ethylene Dibromide	0.145	J	1.5	0.13	ug/m3			06/22/21 17:35	1
1,2-Dichlorobenzene	<0.46		1.2	0.46	ug/m3			06/22/21 17:35	1
1,3-Dichlorobenzene	<0.24		1.2	0.24	ug/m3			06/22/21 17:35	1
1,4-Dichlorobenzene	<0.24		1.2	0.24	ug/m3			06/22/21 17:35	1
Dichlorodifluoromethane	<0.17		2.5	0.17	ug/m3			06/22/21 17:35	1
1,1-Dichloroethane	<0.073		0.81	0.073	ug/m3			06/22/21 17:35	1
1,2-Dichloroethane	<0.10		0.81	0.10	ug/m3			06/22/21 17:35	1
1,1-Dichloroethene	<0.079		0.79	0.079	ug/m3			06/22/21 17:35	1
1,2-Dichloropropane	<0.12		0.92	0.12	ug/m3			06/22/21 17:35	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	<0.22		1.4	0.22	ug/m3			06/22/21 17:35	1
1,4-Dioxane	<0.27		18	0.27	ug/m3			06/22/21 17:35	1
Ethylbenzene	<0.14		0.87	0.14	ug/m3			06/22/21 17:35	1
Hexachlorobutadiene	<0.85		2.1	0.85	ug/m3			06/22/21 17:35	1
Hexane	<0.12		2.8	0.12	ug/m3			06/22/21 17:35	1
Isopropyl alcohol	<0.59		12	0.59	ug/m3			06/22/21 17:35	1
Isopropylbenzene	<0.21		3.9	0.21	ug/m3			06/22/21 17:35	1
Methylene Chloride	<3.4		3.5	3.4	ug/m3			06/22/21 17:35	1
4-Methyl-2-pentanone (MIBK)	<0.55		2.0	0.55	ug/m3			06/22/21 17:35	1
Methyl tert-butyl ether	<0.47		3.6	0.47	ug/m3			06/22/21 17:35	1
m-Xylene & p-Xylene	<0.32		3.5	0.32	ug/m3			06/22/21 17:35	1
Naphthalene	<1.0		2.6	1.0	ug/m3			06/22/21 17:35	1

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-51035/4
Matrix: Air
Analysis Batch: 51035

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.17		0.87	0.17	ug/m3			06/22/21 17:35	1
Styrene	<0.26		0.85	0.26	ug/m3			06/22/21 17:35	1
1,1,2,2-Tetrachloroethane	<0.25		1.4	0.25	ug/m3			06/22/21 17:35	1
Tetrachloroethene	<0.12		1.4	0.12	ug/m3			06/22/21 17:35	1
Tetrahydrofuran	<0.53		15	0.53	ug/m3			06/22/21 17:35	1
Toluene	<0.74		0.75	0.74	ug/m3			06/22/21 17:35	1
trans-1,2-Dichloroethene	<0.063		0.79	0.063	ug/m3			06/22/21 17:35	1
trans-1,3-Dichloropropene	<0.095		0.91	0.095	ug/m3			06/22/21 17:35	1
1,2,4-Trichlorobenzene	<1.2		15	1.2	ug/m3			06/22/21 17:35	1
1,1,1-Trichloroethane	<0.27		1.1	0.27	ug/m3			06/22/21 17:35	1
1,1,2-Trichloroethane	<0.098		1.1	0.098	ug/m3			06/22/21 17:35	1
Trichloroethene	<0.17		1.1	0.17	ug/m3			06/22/21 17:35	1
Trichlorofluoromethane	<0.10		1.1	0.10	ug/m3			06/22/21 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.16		1.5	0.16	ug/m3			06/22/21 17:35	1
1,2,4-Trimethylbenzene	<0.25		0.98	0.25	ug/m3			06/22/21 17:35	1
1,3,5-Trimethylbenzene	<0.27		0.98	0.27	ug/m3			06/22/21 17:35	1
Vinyl acetate	<0.25		18	0.25	ug/m3			06/22/21 17:35	1
Vinyl bromide	<0.22		0.87	0.22	ug/m3			06/22/21 17:35	1
Vinyl chloride	<0.17		0.51	0.17	ug/m3			06/22/21 17:35	1

Lab Sample ID: LCS 140-51035/1002
Matrix: Air
Analysis Batch: 51035

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Acetone	2.00	1.74	J	ppb v/v		87	60 - 140
Benzene	2.00	2.10		ppb v/v		105	70 - 130
Benzyl chloride	2.00	2.55		ppb v/v		127	70 - 130
Bromodichloromethane	2.00	2.22		ppb v/v		111	70 - 130
Bromoform	2.00	2.51		ppb v/v		125	60 - 140
Bromomethane	2.00	2.43		ppb v/v		121	70 - 130
2-Butanone (MEK)	2.00	1.77		ppb v/v		88	60 - 140
Carbon disulfide	2.00	2.03		ppb v/v		102	70 - 130
Carbon tetrachloride	2.00	2.55		ppb v/v		128	70 - 130
Chlorobenzene	2.00	2.35		ppb v/v		117	70 - 130
Chloroethane	2.00	2.47		ppb v/v		124	70 - 130
Chloroform	2.00	1.98		ppb v/v		99	70 - 130
Chloromethane	2.00	2.16		ppb v/v		108	60 - 140
cis-1,2-Dichloroethene	2.00	2.02		ppb v/v		101	70 - 130
cis-1,3-Dichloropropene	2.00	2.06		ppb v/v		103	70 - 130
Cyclohexane	2.00	1.94		ppb v/v		97	70 - 130
Dibromochloromethane	2.00	2.49		ppb v/v		124	70 - 130
Ethylene Dibromide	2.00	2.27		ppb v/v		113	70 - 130
1,2-Dichlorobenzene	2.00	2.53		ppb v/v		127	70 - 130
1,3-Dichlorobenzene	2.00	2.50		ppb v/v		125	70 - 130
1,4-Dichlorobenzene	2.00	2.48		ppb v/v		124	70 - 130
Dichlorodifluoromethane	2.00	2.17		ppb v/v		109	60 - 140
1,1-Dichloroethane	2.00	1.89		ppb v/v		94	70 - 130
1,2-Dichloroethane	2.00	2.04		ppb v/v		102	70 - 130

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-51035/1002
Matrix: Air
Analysis Batch: 51035

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	2.00	2.06		ppb v/v		103	70 - 130
1,2-Dichloropropane	2.00	2.09		ppb v/v		104	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.00	2.49		ppb v/v		124	60 - 140
1,4-Dioxane	2.00	1.95	J	ppb v/v		97	60 - 140
Ethylbenzene	2.00	2.17		ppb v/v		108	70 - 130
Hexachlorobutadiene	2.00	2.32		ppb v/v		116	60 - 140
Hexane	2.00	1.81		ppb v/v		91	70 - 130
Isopropyl alcohol	2.00	2.22		ppb v/v		111	60 - 140
Isopropylbenzene	2.00	2.40		ppb v/v		120	70 - 130
Methylene Chloride	2.00	2.05		ppb v/v		103	70 - 130
4-Methyl-2-pentanone (MIBK)	2.00	1.90		ppb v/v		95	60 - 140
Methyl tert-butyl ether	2.00	1.86		ppb v/v		93	60 - 140
m-Xylene & p-Xylene	4.00	4.50		ppb v/v		113	70 - 130
Naphthalene	2.00	2.47		ppb v/v		124	60 - 140
o-Xylene	2.00	2.23		ppb v/v		111	70 - 130
Styrene	2.00	2.45		ppb v/v		122	70 - 130
1,1,2,2-Tetrachloroethane	2.00	2.15		ppb v/v		107	70 - 130
Tetrachloroethene	2.00	2.27		ppb v/v		113	70 - 130
Tetrahydrofuran	2.00	1.76	J	ppb v/v		88	60 - 140
Toluene	2.00	2.09		ppb v/v		105	70 - 130
trans-1,2-Dichloroethene	2.00	1.99		ppb v/v		99	70 - 130
trans-1,3-Dichloropropene	2.00	2.02		ppb v/v		101	70 - 130
1,2,4-Trichlorobenzene	2.00	2.26		ppb v/v		113	60 - 140
1,1,1-Trichloroethane	2.00	2.03		ppb v/v		101	70 - 130
1,1,2-Trichloroethane	2.00	2.08		ppb v/v		104	70 - 130
Trichloroethene	2.00	2.43		ppb v/v		121	70 - 130
Trichlorofluoromethane	2.00	2.19		ppb v/v		110	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	2.00	2.18		ppb v/v		109	70 - 130
1,2,4-Trimethylbenzene	2.00	2.47		ppb v/v		124	70 - 130
1,3,5-Trimethylbenzene	2.00	2.79	*	ppb v/v		139	70 - 130
Vinyl acetate	2.00	1.80	J	ppb v/v		90	60 - 140
Vinyl bromide	2.00	2.32		ppb v/v		116	60 - 140
Vinyl chloride	2.00	2.56		ppb v/v		128	70 - 130
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	4.8	4.14	J	ug/m3		87	60 - 140
Benzene	6.4	6.70		ug/m3		105	70 - 130
Benzyl chloride	10	13.2		ug/m3		127	70 - 130
Bromodichloromethane	13	14.9		ug/m3		111	70 - 130
Bromoform	21	25.9		ug/m3		125	60 - 140
Bromomethane	7.8	9.42		ug/m3		121	70 - 130
2-Butanone (MEK)	5.9	5.22		ug/m3		88	60 - 140
Carbon disulfide	6.2	6.32		ug/m3		102	70 - 130
Carbon tetrachloride	13	16.1		ug/m3		128	70 - 130
Chlorobenzene	9.2	10.8		ug/m3		117	70 - 130
Chloroethane	5.3	6.52		ug/m3		124	70 - 130
Chloroform	9.8	9.67		ug/m3		99	70 - 130

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-51035/1002

Matrix: Air

Analysis Batch: 51035

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	4.1	4.47		ug/m3		108	60 - 140
cis-1,2-Dichloroethene	7.9	8.02		ug/m3		101	70 - 130
cis-1,3-Dichloropropene	9.1	9.34		ug/m3		103	70 - 130
Cyclohexane	6.9	6.69		ug/m3		97	70 - 130
Dibromochloromethane	17	21.2		ug/m3		124	70 - 130
Ethylene Dibromide	15	17.4		ug/m3		113	70 - 130
1,2-Dichlorobenzene	12	15.2		ug/m3		127	70 - 130
1,3-Dichlorobenzene	12	15.0		ug/m3		125	70 - 130
1,4-Dichlorobenzene	12	14.9		ug/m3		124	70 - 130
Dichlorodifluoromethane	9.9	10.7		ug/m3		109	60 - 140
1,1-Dichloroethane	8.1	7.63		ug/m3		94	70 - 130
1,2-Dichloroethane	8.1	8.24		ug/m3		102	70 - 130
1,1-Dichloroethene	7.9	8.15		ug/m3		103	70 - 130
1,2-Dichloropropane	9.2	9.65		ug/m3		104	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	14	17.4		ug/m3		124	60 - 140
1,4-Dioxane	7.2	7.02	J	ug/m3		97	60 - 140
Ethylbenzene	8.7	9.42		ug/m3		108	70 - 130
Hexachlorobutadiene	21	24.8		ug/m3		116	60 - 140
Hexane	7.0	6.40		ug/m3		91	70 - 130
Isopropyl alcohol	4.9	5.46		ug/m3		111	60 - 140
Isopropylbenzene	9.8	11.8		ug/m3		120	70 - 130
Methylene Chloride	6.9	7.13		ug/m3		103	70 - 130
4-Methyl-2-pentanone (MIBK)	8.2	7.77		ug/m3		95	60 - 140
Methyl tert-butyl ether	7.2	6.70		ug/m3		93	60 - 140
m-Xylene & p-Xylene	17	19.5		ug/m3		113	70 - 130
Naphthalene	10	13.0		ug/m3		124	60 - 140
o-Xylene	8.7	9.67		ug/m3		111	70 - 130
Styrene	8.5	10.4		ug/m3		122	70 - 130
1,1,2,2-Tetrachloroethane	14	14.7		ug/m3		107	70 - 130
Tetrachloroethene	14	15.4		ug/m3		113	70 - 130
Tetrahydrofuran	5.9	5.20	J	ug/m3		88	60 - 140
Toluene	7.5	7.88		ug/m3		105	70 - 130
trans-1,2-Dichloroethene	7.9	7.89		ug/m3		99	70 - 130
trans-1,3-Dichloropropene	9.1	9.16		ug/m3		101	70 - 130
1,2,4-Trichlorobenzene	15	16.8		ug/m3		113	60 - 140
1,1,1-Trichloroethane	11	11.1		ug/m3		101	70 - 130
1,1,2-Trichloroethane	11	11.3		ug/m3		104	70 - 130
Trichloroethene	11	13.1		ug/m3		121	70 - 130
Trichlorofluoromethane	11	12.3		ug/m3		110	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	15	16.7		ug/m3		109	70 - 130
1,2,4-Trimethylbenzene	9.8	12.2		ug/m3		124	70 - 130
1,3,5-Trimethylbenzene	9.8	13.7	*	ug/m3		139	70 - 130
Vinyl acetate	7.0	6.34	J	ug/m3		90	60 - 140
Vinyl bromide	8.7	10.2		ug/m3		116	60 - 140
Vinyl chloride	5.1	6.54		ug/m3		128	70 - 130

QC Association Summary

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Air - GC/MS VOA

Analysis Batch: 51035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-23534-1	BLOWER_06152021	Total/NA	Air	TO-15	
MB 140-51035/4	Method Blank	Total/NA	Air	TO-15	
LCS 140-51035/1002	Lab Control Sample	Total/NA	Air	TO-15	

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- 12
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- 14
- 15
- 16

Lab Chronicle

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Client Sample ID: BLOWER_06152021

Lab Sample ID: 140-23534-1

Date Collected: 06/16/21 16:00

Matrix: Air

Date Received: 06/21/21 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		20.18	10 mL	500 mL	51035	06/23/21 08:02	S1K	TAL KNX
Instrument ID: MR										

Client Sample ID: Method Blank

Lab Sample ID: MB 140-51035/4

Date Collected: N/A

Matrix: Air

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	51035	06/22/21 17:35	S1K	TAL KNX
Instrument ID: MR										

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 140-51035/1002

Date Collected: N/A

Matrix: Air

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	500 mL	500 mL	51035	06/22/21 15:19	S1K	TAL KNX
Instrument ID: MR										

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Laboratory: Eurofins TestAmerica, Knoxville

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998044300	08-31-21

- 1
- 2
- 3
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- 16

Method Summary

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL KNX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000



Sample Summary

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job ID: 140-23534-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
140-23534-1	BLOWER_06152021	Air	06/16/21 16:00	06/21/21 09:30	Air Canister (6-Liter) #34001616


- 1
- 2
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- 12
- 13
- 14
- 15
- 16

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

Knoxville, TN 37921-5947
phone 865.291.3000 fax 865.584.4315

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information				Client Project Manager: <u>Kirsten Lee</u>				Samples Collected By: <u>KAL</u>				COC No: _____ of _____ COCs												
Company Name: <u>Cedar Corp</u>				Phone: _____								TALS Project #: _____												
Address: _____				Email: _____								For Lab Use Only:												
City/State/Zip: _____				Site Contact: <u>Sandie Frerick</u>								Walk-in Client: _____												
Phone: <u>715-235-9081</u>				Tel/Fax: _____								Lab Sampling: _____												
FAX: _____				Analysis Turnaround Time: _____								Job / SDG No.: _____												
Project Name: <u>Junker LF</u>				Standard (Specific): _____								(See below for Add'l Items)												
Site/Location: <u>5115</u>				Rush (Specify): _____								Sample Specific Notes:												
P O #																								
Sample Identification		Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 1516	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	
<u>Blower_06152021</u>		<u>6/15/21</u>	<u>1600</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>	
 140-23534 Chain of Custody																								
						Temperature (Fahrenheit)						CUSTODY SEAL INTACT												
		Start	Interior		Ambient							RECEIVED AMBIENT												
		Stop																						
						Pressure (inches of Hg)						JAB 6-21-21												
		Start	Interior		Ambient							160 X FAX # 5038 1474 2680 PU												
		Stop										1 CAN / 0 FLOW / 16 VCC												
Special Instructions/QC Requirements & Comments:																								
Samples Shipped by: <u>[Signature]</u>						Date / Time: <u>6/16/21 0700</u>						Samples Received by:												
Samples Relinquished by:						Date / Time:						Received by: <u>[Signature]</u> ETA-Kux 6/21/21 09:30												
Relinquished by:						Date / Time:						Received by:												
Lab Use Only:		Shipper Name:				Opened by:				Condition:														



EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Log In Number:

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Are the shipping containers intact?	/			<input type="checkbox"/> Containers, Broken	
2. Were ambient air containers received intact?			/	<input checked="" type="checkbox"/> Checked in lab	
3. The coolers/containers custody seal if present, is it intact?	/			<input type="checkbox"/> Yes <input type="checkbox"/> NA	
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID : _____ Correction factor: _____			/	<input type="checkbox"/> Cooler Out of Temp, Client Contacted, Proceed/Cancel <input type="checkbox"/> Cooler Out of Temp, Same Day Receipt	
5. Were all of the sample containers received intact?	/			<input type="checkbox"/> Containers, Broken	
6. Were samples received in appropriate containers?	/			<input type="checkbox"/> Containers, Improper; Client Contacted; Proceed/Cancel	
7. Do sample container labels match COC? (IDs, Dates, Times)	/			<input type="checkbox"/> COC & Samples Do Not Match <input type="checkbox"/> COC Incorrect/Incomplete <input type="checkbox"/> COC Not Received	
8. Were all of the samples listed on the COC received?	/			<input type="checkbox"/> Sample Received, Not on COC <input type="checkbox"/> Sample on COC, Not Received	
9. Is the date/time of sample collection noted?	/			<input type="checkbox"/> COC; No Date/Time; Client Contacted	
10. Was the sampler identified on the COC?	/			<input type="checkbox"/> Sampler Not Listed on COC	Labeling Verified by: _____ Date: _____
11. Is the client and project name/# identified?	/			<input type="checkbox"/> COC Incorrect/Incomplete	pH test strip lot number: _____
12. Are tests/parameters listed for each sample?	/			<input type="checkbox"/> COC No tests on COC	
13. Is the matrix of the samples noted?	/			<input type="checkbox"/> COC Incorrect/Incomplete	
14. Was COC relinquished? (Signed/Dated/Timed)	/			<input type="checkbox"/> COC Incorrect/Incomplete	Box 16A: pH Preservation Box 18A: Residual Chlorine
15. Were samples received within holding time?	/			<input type="checkbox"/> Holding Time - Receipt	Preservative: _____
16. Were samples received with correct chemical preservative (excluding Encore)?			/	<input type="checkbox"/> pH Adjusted, pH Included (See box 16A) <input type="checkbox"/> Incorrect Preservative	Lot Number: _____
17. Were VOA samples received without headspace?			/	<input type="checkbox"/> Headspace (VOA only)	Exp Date: _____
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number: _____			/	<input type="checkbox"/> Residual Chlorine	Analyst: _____
19. For 1613B water samples is pH<9?			/	<input type="checkbox"/> If no, notify lab to adjust	Date: _____
20. For rad samples was sample activity info. Provided?			/	<input type="checkbox"/> Project missing info	Time: _____
Project #: <u>S0006557</u> PM Instructions: _____					

Sample Receiving Associate: *Ryan Duncan* Date: 6/21/21

QA026R32.doc, 062719



TestAmerica Knoxville - Air Canister Initial Pressure Check

Gauge ID: G5
 Date: 6/21/2021

Analyst	Sample ID	Asset #	Cleaning Job	Cert	Size (L)	Pressure @ Receipt (-in Hg or +psig)	Time	Comments
BRS	140-23534-a-1	34001616	140-23330-	B	6	-1.6	12:44	
<input type="checkbox"/> Receiving –Air Can –Calve Open (NCM # _____)						<input type="checkbox"/> Air - Can P Out -26" - Flow Contr. Faulty (NCM# _____)		
<input type="checkbox"/> Air - Can P -24 to -25 " - Flow Contr. Works (NCM# _____)						<input type="checkbox"/> Air - Can P Low -24 to -25 " - Grab Sample (NCM# _____)		
<input type="checkbox"/> Air - Can P -24 to -25 " - Flow Contr. Faulty (NCM# _____)						<input type="checkbox"/> Air - Can P Low -26 "- Grab Sample (NCM# _____)		
<input type="checkbox"/> Air - Can P Out -26" - Flow Contr. Works (NCM# _____)								

Summa Canister Dilution Worksheet

Client: Cedar Corporation
Project/Site: Junker LF - 5115

Job No.: 140-23534-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
140-23534-1	6	-1.9	0.94	5.62	30.3	3.06	18.37		3.27	3.27	g5	06/22/21 8:09	BRS
140-23534-1	6	0.0	1.00	6.00	34.0	3.31	19.88		3.31	10.83	g5	06/22/21 8:29	BRS
140-23534-1	6	0.0	1.00	6.00	12.7	1.86	11.18		1.86	20.18	g5	06/22/21 8:44	BRS

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

APPENDIX C

LETTERS TO PRIVATE WELL OWNERS – REQUESTING WATER SAMPLE

LETTERS TO PRIVATE WELL OWNERS – ANALYTICAL RESULTS

LETTERS TO PRIVATE WELL OWNERS – REQUEST FOR VOC
SAMPLING OUTSIDE SWCA

LETTERS TO PRIVATE WELL OWNERS – REQUESTING WATER SAMPLE

December 8, 2021

Kristen Hatsfield
681 Pine Timber Ln.
Hudson, WI 54016

Dear Kristen:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzel
Environmental Specialist



engineers | architects | planners | environmental specialists
land surveyors | landscape architects | interior designers

604 Wilson Avenue
Menomonie, WI 54751

715-235-9081

800-472-7372

FAX 715-235-2727

www.cedarcorp.com

December 8, 2021

Christine Gerhardt
974 Florence Ln.
Hudson, WI 54016

Dear Christine:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink, appearing to read "Orion Reutzel", with a long horizontal flourish extending to the right.

Orion Reutzel
Environmental Specialist



engineers | architects | planners | environmental specialists
land surveyors | landscape architects | interior designers

604 Wilson Avenue
Menomonie, WI 54751

715-235-9081

800-472-7372

FAX 715-235-2727

www.cedarcorp.com

December 8, 2021

Jason Posel
777 Holden Ln.
Hudson, WI 54016

Dear Jason:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

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Orion Reutzel
Environmental Specialist



engineers | architects | planners | environmental specialists
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604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

December 1, 2021

Gregory & Linda Grass
923 LaBarge Road
Hudson, WI 54016

Dear Gregory & Linda:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink, appearing to read "Orion Reutzel", with a long horizontal flourish extending to the right.

Orion Reutzel
Environmental Specialist



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land surveyors | landscape architects | interior designers

604 Wilson Avenue
Menomonie, WI 54751

715-235-9081

800-472-7372

FAX 715-235-2727

www.cedarcorp.com

December 1, 2021

Kevin and Debbie Larson
874 Jane Cr.
Hudson, WI 54016

Dear Kevin & Debbie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink, appearing to read "Orion Reutzel", with a long horizontal flourish extending to the right.

Orion Reutzel
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Menomonie, WI 54751
715-235-9081
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FAX 715-235-2727
www.cedarcorp.com

December 1, 2021

Marie Johnson
703 Paul Birch Road
Hudson, WI 54016

Dear Marie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink, appearing to read "Orion Reutzel", with a long horizontal flourish extending to the right.

Orion Reutzel
Environmental Specialist



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Menomonie, WI 54751

715-235-9081

800-472-7372

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December 1, 2021

Bob & Mary Esch
872 Young Road
Hudson, WI 54016

Dear Bob & Mary:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzel, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzel@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink, appearing to read 'Orion Reutzel', with a long horizontal flourish extending to the right.

Orion Reutzel
Environmental Specialist

October 4, 2021

Clyde and Marie Stockey
898 Highway 12 E
Hudson, WI 54016

Dear Clyde and Marie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzal, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzal@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzal
Environmental Specialist

October 4, 2021

Galen Sederlund
855 Hillside Trl Unit B
Hudson, WI 54016

Dear Galen:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzal, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzal@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzal
Environmental Specialist

October 4, 2021

Dennis and Jennifer Kresel
956 Florence Ln
Hudson, WI 54016

Dear Dennis and Jennifer:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzal, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzal@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzal
Environmental Specialist

October 4, 2021

Christina Rustad
861 Hillside Trl
Hudson, WI 54016

Dear Christina:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Orion Reutzal, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email orion.reutzal@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzal
Environmental Specialist

October 4, 2021

Steven Peterson
767 Holden Ln
Hudson, WI 54016

Dear Steven:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzal
Environmental Specialist

October 4, 2021

Tony Dabruzzo
PO BOX 451 954 Bakken Rd
Hudson, WI 54016

Dear Tony:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION



Orion Reutzal
Environmental Specialist



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August 23, 2021

Current Resident
943 Alexander Road
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist



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August 13, 2021

Greg & Jody Lammer
943 Alexander Road
Hudson, WI 54016

Dear Greg & Jody:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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Kirsten Lee
Environmental Specialist



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August 13, 2021

Scott & Danielle Baker
987 Burch Circle
Hudson, WI 54016

Dear Scott & Danielle:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Kirsten Lee
Environmental Specialist



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August 13, 2021

Richard Manhardt
988 Drover Trail
Hudson, WI 54016

Dear Richard:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Maynard & Rebecca Huth
914 Florence Lane
Hudson, WI 54016

Dear Maynard & Rebecca:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Kirsten Lee
Environmental Specialist



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August 13, 2021

Richard Green
922 Florence Lane
Hudson, WI 54016

Dear Richard:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Cayla Tollefson
945 Florence Lane
Hudson, WI 54016

Dear Cayla:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Jenna & Greg Bjork
948 Florence Lane
Hudson, WI 54016

Dear Jenna & Greg:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Joel Sengbush
963 Florence Lane
Hudson, WI 54016

Dear Joel:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Gail Jung
967 Florence Lane
Hudson, WI 54016

Dear Gail:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Alicia Torgerson
959 Fraser Lane
Hudson, WI 54016

Dear Alicia:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Thank you in advance for your cooperation.

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Kirsten Lee
Environmental Specialist



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August 13, 2021

Mathew & Jennifer Rasmussen
968 Fraser Lane
Hudson, WI 54016

Dear Mathew & Jennifer:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Brian & Amy Miller
969 Fraser Lane
Hudson, WI 54016

Dear Brian & Amy:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Sincerely,

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Kirsten Lee
Environmental Specialist



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August 13, 2021

Patrick Flanagan
820 Hillside Trail
Hudson, WI 54016

Dear Patrick:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Virgil & Barb Thompson
792 Holden Lane
Hudson, WI 54016

Dear Virgil & Barb:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Kirsten Lee
Environmental Specialist



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August 13, 2021

Patrick & Susan Giordana
877 Kingsway Road
Hudson, WI 54016

Dear Patrick & Susan:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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August 13, 2021

Troy & Kim Dagastino
980 LaBarge Road
Hudson, WI 54016

Dear Troy & Kim:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Kenton and Tami Hove
976 Marcy's Court
Hudson, WI 54016

Dear Kenton and Tami:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Donald & Diane Peavey
696 McCutcheon Rd
Hudson, WI 54016

Dear Donald & Diane:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Amanda Milliren
803 McCutcheon Rd
Hudson, WI 54016

Dear Amanda:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Amy & Tim Jaynes
672 Pine Timber Lane
Hudson, WI 54016

Dear Amy & Tim:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist



engineers | architects | planners | environmental specialists
land surveyors | landscape architects | interior designers

604 Wilson Avenue
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800-472-7372
FAX 715-235-2727
www.cedarcorp.com

August 13, 2021

Brian Healy
679 Pine Timber Lane
Hudson, WI 54016

Dear Brian:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Kurt & Angie Koebler
697 Pine Timber Lane
Hudson, WI 54016

Dear Kurt & Angie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Mary & Craig Knutson
939 Pup Circle
Hudson, WI 54016

Dear Mary & Craig:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

John & Julie Buss
981 Tanney Lane
Hudson, WI 54016

Dear John & Julie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Helyn Zarfos
893 Young Road
Hudson, WI 54016

Dear Helyn:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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August 13, 2021

Jeff and Abby Klatt
860 Hillside Trail
Hudson, WI 54016

Dear Jeff and Abby:

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August 13, 2021

Mollie Hagman
935 Florence Lane
Hudson, WI 54016

Dear Mollie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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July 7, 2021

Kyle & Angie Hewitt
813 Dove Court
Hudson, WI 54016

Dear Kyle & Angie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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July 7, 2021

Jessica Jacobson
910 Florence Lane
Hudson, WI 54016

Dear Jessica:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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July 7, 2021

Josh and Angie Swanson
940 Florence Lane
Hudson, WI 54016

Dear Josh and Angie:

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July 7, 2021

Dolf and Heather Schmidt
953 Florence Lane
Hudson, WI 54016

Dear Dolf and Heather:

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July 7, 2021

Sara Tumm
938 Fraser Lane
Hudson, WI 54016

Dear Sara:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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July 7, 2021

Carroll Sengbusch
954 Fraser Lane
Hudson, WI 54016

Dear Carroll:

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July 7, 2021

Anthony & Ashly Tallarico
965 Fraser Lane
Hudson, WI 54016

Dear Anthony & Ashly:

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July 7, 2021

Steve Citro
809 Hillside Trail
Hudson, WI 54016

Dear Steve:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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July 7, 2021

David & Robyn Corrin
813 Hillside Trail
Hudson, WI 54016

Dear David & Robyn:

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July 7, 2021

Mark & Laura Hay
814 Hillside Trail
Hudson, WI 54016

Dear Mark & Laura:

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July 7, 2021

John & Jean Hutchison
826 Hillside Trail
Hudson, WI 54016

Dear John & Jean:

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July 7, 2021

Keith & Salome Bloomquist
830 Hillside Trail
Hudson, WI 54016

Dear Keith & Salome:

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July 7, 2021

Mike & Laurie Hurtgen
833 Hillside Trail
Hudson, WI 54016

Dear Mike & Laurie:

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July 7, 2021

George & Cynthia Kupfer
887 Hillside Trail
Hudson, WI 54016

Dear George & Cynthia:

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July 7, 2021

Brad Guth
949 LaBarge Rd
Hudson, WI 54016

Dear Brad:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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July 7, 2021

Joshua Lockner & Bianca Hyer
959 LaBarge Rd
Hudson, WI 54016

Dear Joshua Lockner &:

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July 7, 2021

Cathy Jacobson
968 LaBarge Rd
Hudson, WI 54016

Dear Cathy:

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July 7, 2021

Bruce & Nancy Sommerfeld
699 McCutcheon Rd
Hudson, WI 54016

Dear Bruce & Nancy:

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July 7, 2021

Jennifer & Chris Serpico
782 McCutcheon Rd
Hudson, WI 54016

Dear Jennifer & Chris:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Kirsten Lee
Environmental Specialist



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604 Wilson Avenue
Menomonie, WI 54751

715-235-9081

800-472-7372

FAX 715-235-2727

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July 7, 2021

Jeremy & Traci Wolfe
667 Pine Timber Lane
Hudson, WI 54016

Dear Jeremy & Traci:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

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July 7, 2021

Chris Wiesemeyer
674 Pine Timber Lane
Hudson, WI 54016

Dear Chris:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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July 7, 2021

Fran & Angie McLellan
942 Pup Circle
Hudson, WI 54016

Dear Fran & Angie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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July 7, 2021

Tim Mackey
877 Yellowstone Trail
Hudson, WI 54016

Dear Tim:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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July 7, 2021

Tyrone and Raquel Beucler
671 Pine Timber Lane
Hudson, WI 54016

Dear Tyrone and Raquel:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

John & Cynthia Vyrostek
900 Chippewa Path
Hudson, WI 54016

Dear John & Cynthia:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Tim Foster
993 Scott Rd
Hudson, WI 54016

Dear Tim:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Kara Dusek & Chris Beltz
605 Grange Road
Hudson, WI 54016

Dear Kara & Chris:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Marion Shaw
726 E Hwy 12 Unit #102
Hudson, WI 54016

Dear Marion:

According to our records the drinking water at 840 McCutcheon Road, Hudson Wisconsin is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Adam & Jennifer Chandler
914 Chippewa Path
Hudson, WI 54016

Dear Adam & Jennifer:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Dustin & Vanessa Phillips
917 Gavin Pass
Hudson, WI 54016

Dear Dustin & Vanessa:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Tom & Theresa Geistfield
816 Yellowstone Trail
Hudson, WI 54016

Dear Tom & Theresa:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Tom & Pamela Geistfield
879 Yellowstone Trail
Hudson, WI 54016

Dear Tom & Pamela:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Lester & Therese
802 Orange Street
Hudson, WI 54016

Dear Lester & Therese:

According to our records the drinking water is due to be sampled at 888 Hillside Trail, Hudson Wisconsin. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

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June 8, 2021

Jade Holland
771 Jack Avenue
Hudson, WI 54016

Dear Jade:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Current Resident
775 Jack Avenue
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Desiree & Alex Scholl
963 Prairie View Circle
Hudson, WI 54016

Dear Desiree & Alex:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Oevering Homes
Attn: Dan Payne
1433 Cernohous Ave. Ste. A
New Richmond, WI 54017

Dear Dan:

According to our records the drinking water is due to be sampled at 912 Gavin Pass, 913 Gavin Pass, 760 Jack Avenue, 764 Jack Avenue, 770 Jack Avenue, and 774 Jack Avenue. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes per location to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Amy Sofie
906 Chippewa Path
Hudson, WI 54016

Dear Amy:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Phil Foltz
892 E. Hwy. 12
Hudson, WI 54016

Dear Phil:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

David Robson
1274 Hwy 35 N
Hudson, WI 54016

Dear David:

According to our records the drinking water from the community well at 905 Crane Hill Trail, Hudson Wisconsin is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Current Resident
912 Gavin Pass
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

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June 8, 2021

Current Resident
913 Gavin Pass
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Current Resident
760 Jack Avenue
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Current Resident
764 Jack Avenue
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled. This is part of the annual sampling for the Junker Landfill Remediation Trust. We are sampling the untreated water to ensure the drinking water quality meets health and safety standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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June 8, 2021

Current Resident
770 Jack Avenue
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June 8, 2021

Current Resident
774 Jack Avenue
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May 28, 2021

Eric & Mary Larson
970 Bakken Road
Hudson, WI 54016

Dear Eric & Mary:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist



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land surveyors | landscape architects | interior designers

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May 28, 2021

John Wanner
991 Burch Circle
Hudson, WI 54016

Dear John:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Kelly & Jennifer Wendlandt
814 Dove Court
Hudson, WI 54016

Dear Kelly & Jennifer:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Richard & Colleen Wobse
815 Dove Court
Hudson, WI 54016

Dear Richard & Colleen:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Steve & Tara McMahon
984 Drover Trail
Hudson, WI 54016

Dear Steve & Tara:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Steve & Krista Drost
964 Fraser Lane
Hudson, WI 54016

Dear Steve & Krista:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Carrie & Mitchell Stump
807 Hillside Trail
Hudson, WI 54016

Dear Carrie & Mitchell:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Joe & Patty Thompson
817 Hillside Trail
Hudson, WI 54016

Dear Joe & Patty:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Brad Hubert
880 Hillside Trail
Hudson, WI 54016

Dear Brad:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Jason Posel
777 Holden Lane
Hudson, WI 54016

Dear Jason:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Suzanne Spence
929 LaBarge Rd
Hudson, WI 54016

Dear Suzanne:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Daniel Klasen
677 McCutcheon Rd
Hudson, WI 54016

Dear Daniel:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Joseph & Denise Starkey
783 McCutcheon Rd
Hudson, WI 54016

Dear Joseph & Denise:

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May 28, 2021

Sharon & John Janssen
786 McCutcheon Rd
Hudson, WI 54016

Dear Sharon & John:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Nicki & Sean Hopp
682 Pine Timber Lane
Hudson, WI 54016

Dear Nicki & Sean:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Martin & Carole Phillipson
856 Polen Dr.
Hudson, WI 54016

Dear Martin & Carole:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Mike & Dana Thompson
875 Yellowstone Trail
Hudson, WI 54016

Dear Mike & Dana:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Tony & Lori Jurek
884 Young Road
Hudson, WI 54016

Dear Tony & Lori:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Pete and Janine Wildes
887 Young Road
Hudson, WI 54016

Dear Pete and Janine:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 28, 2021

Chris & Erica Matson
896 Young Road
Hudson, WI 54016

Dear Chris & Erica:

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May 3, 2021

Ryan & Elizabeth Goulette
935 Coyote Lane
Hudson, WI 54016

Dear Ryan & Elizabeth:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Jamie Zimmer
982 Drover Trail
Hudson, WI 54016

Dear Jamie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Jeff & Shannon Welle
952 Florence Lane
Hudson, WI 54016

Dear Jeff & Shannon:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Robert & Dawn Evans
894 Fraser Lane
Hudson, WI 54016

Dear Robert & Dawn:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Current Resident
903-B Fraser Lane
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Amanda & Shane Piringer
920 Fraser Lane
Hudson, WI 54016

Dear Amanda & Shane:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Ed & Susan Hastreiter
927 Fraser Lane
Hudson, WI 54016

Dear Ed & Susan:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Environmental Specialist



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May 3, 2021

Jason and Bonnie Robertson
930 Fraser Lane
Hudson, WI 54016

Dear Jason and Bonnie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist



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May 3, 2021

Thomas and Alice Jinks
934 Fraser Lane
Hudson, WI 54016

Dear Thomas and Alice:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Julie Johnson
960 Fraser Lane
Hudson, WI 54016

Dear Julie:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Tricia & John Ziebarth
970 LaBarge Rd
Hudson, WI 54016

Dear Tricia & John:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Shermman & Margaret Sutter
974 LaBarge Rd
Hudson, WI 54016

Dear Shermman & Margaret:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Edmund & Ellen Murdzek
763 McCutcheon Rd
Hudson, WI 54016

Dear Edmund & Ellen:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

DJ Walling
704 Paul Burch Dr.
Hudson, WI 54016

Dear DJ:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Rick Norris
728 Paul Burch Dr.
Hudson, WI 54016

Dear Rick:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Mark Packard
670 Pine Timber Lane
Hudson, WI 54016

Dear Mark:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Josh and Amy Pals
933 Sadie's Lane
Hudson, WI 54016

Dear Josh and Amy:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Josh Schommer
937 Sadie's Lane
Hudson, WI 54016

Dear Josh:

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May 3, 2021

Cara Noren
941 Sadie's Lane
Hudson, WI 54016

Dear Cara:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Mike & Sherry Schmidt
946 Sadie's Lane
Hudson, WI 54016

Dear Mike & Sherry:

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May 3, 2021

Todd Carlson
957 Sadie's Lane
Hudson, WI 54016

Dear Todd:

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May 3, 2021

Phil & Lynda Johnson
963 Sadie's Lane
Hudson, WI 54016

Dear Phil & Lynda:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Claude & Donna Chamberlin
997 Tanney Lane
Hudson, WI 54016

Dear Claude & Donna:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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May 3, 2021

Chris Dillingham
868 Crane Hill Trail
Hudson, WI 54016

Dear Chris:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 30, 2021

Mathew Pevan
987 LaBarge Road
Hudson, WI 54016

Dear Mathew:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

John Mowry
961 Bakken Road
Hudson, WI 54016

Dear John:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

William Runck
921 Florence Lane
Hudson, WI 54016

Dear William:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

John McGrew & Kimberly Hanson
936 Florence Lane
Hudson, WI 54016

Dear John McGrew &:

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March 15, 2021

Rebecca & Charles Gillis
949 Florence Lane
Hudson, WI 54016

Dear Rebecca & Charles:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Robert & Dawn Evans
894 Fraser Lane
Hudson, WI 54016

Dear Robert & Dawn:

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March 15, 2021

Brad McGhee
844 Hillside Trail
Hudson, WI 54016

Dear Brad:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Jeff Thene
872 Hillside Trail
Hudson, WI 54016

Dear Jeff:

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March 15, 2021

Scott & Candy Freer
790 Holden Lane
Hudson, WI 54016

Dear Scott & Candy:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Susan Parsons
987 LaBarge Road
Hudson, WI 54016

Dear Susan:

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Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

Thank you in advance for your cooperation.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist



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land surveyors | landscape architects | interior designers

604 Wilson Avenue
Menomonie, WI 54751

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800-472-7372

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March 15, 2021

Tom & Becky Bohlen
724 McCutcheon Rd
Hudson, WI 54016

Dear Tom & Becky:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Ann Ross
805 McCutcheon Rd, PO Box 1138
Hudson, WI 54016

Dear Ann:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Patrick & Christine Leopold
695 Pine Timber Lane
Hudson, WI 54016

Dear Patrick & Christine:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Current Resident
851-A Hillside Trail
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Ted and Amy Hess
925 Sadie's Lane
Hudson, WI 54016

Dear Ted and Amy:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 15, 2021

Dan Blodgett
958 Sadie's Lane
Hudson, WI 54016

Dear Dan:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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March 5, 2021

Current Resident
899-B Fraser Lane
Hudson, WI 54016

Dear Current Resident:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Dan & Rachel Dyer
962 Bakken Road
Hudson, WI 54016

Dear Dan & Rachel:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Lance & Darlene Wendlandt
816 Dove Court
Hudson, WI 54016

Dear Lance & Darlene:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Doug Brozek
966 Florence Lane
Hudson, WI 54016

Dear Doug:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Current Resident
881-A Fraser Lane
Hudson, WI 54016

Dear Current Resident:

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February 15, 2021

Vini & Glenda Manchanda
890 Fraser Lane
Hudson, WI 54016

Dear Vini & Glenda:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Current Resident
891-A Fraser Lane
Hudson, WI 54016

Dear Current Resident:

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February 15, 2021

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February 15, 2021

Current Resident
899-A Fraser Lane
Hudson, WI 54016

Dear Current Resident:

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February 15, 2021

Lenny Erickson
899-B Fraser Lane
Hudson, WI 54016

Dear Lenny:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

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909-B Fraser Lane
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February 15, 2021

Jeff & Marlene Meyer
935 Fraser Lane
Hudson, WI 54016

Dear Jeff & Marlene:

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February 15, 2021

Jesse Hoff
973 Fraser Lane
Hudson, WI 54016

Dear Jesse:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Michelle & Eric Clay
886 Hillside Trail
Hudson, WI 54016

Dear Michelle & Eric:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Susan Parsons
987 LaBarge Road
Hudson, WI 54016

Dear Susan:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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February 15, 2021

Paul & Sara Schultz
865 Hillside Trail
Hudson, WI 54016

Dear Paul & Sara:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Melanie & John Tevik
962 LaBarge Rd
Hudson, WI 54016

Dear Melanie & John:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Ryan Buschniski
993 Tanney Lane
Hudson, WI 54016

Dear Ryan:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 11, 2021

Gordon & Dana Keller
985 County Road A
Hudson, WI 54016

Dear Gordon & Dana:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 11, 2021

Sweetgrass Properties
Attn: John Prassas
PO Box 145
Hudson, WI 54016

Dear John:

According to our records the drinking water at 885-A Fraser Lane, Hudson, WI is due to be sampled as there was a change out of the water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist



engineers | architects | planners | environmental specialists
land surveyors | landscape architects | interior designers

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
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January 11, 2021

Rod Kromrey
972 Fraser Lane
Hudson, WI 54016

Dear Rod:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

Please contact me, Kirsten Lee, at your convenience to schedule a time to have your water sampled within the next few weeks. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

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January 11, 2021

Jim Dennison
608 Grange Road
Hudson, WI 54016

Dear Jim:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 11, 2021

Eric and Michelle Egger
829 Hillside Trail
Hudson, WI 54016

Dear Eric and Michelle:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 11, 2021

Eric & Alex Metz
795 McCutcheon Rd
Hudson, WI 54016

Dear Eric & Alex:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 11, 2021

Thomas Youderian
1001 Tanney Lane
Hudson, WI 54016

Dear Thomas:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 11, 2021

Jeremiah & Traci Otting
878 Yellowstone Trail
Hudson, WI 54016

Dear Jeremiah & Traci:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Cory Bednar
986 Burch Circle
Hudson, WI 54016

Dear Cory:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Al Escobedo
981 County Road A
Hudson, WI 54016

Dear Al:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Kenneth and Barbara Kolbe
970 Florence Lane
Hudson, WI 54016

Dear Kenneth and Barbara:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Dean Jr. & Carin Kern
875 Jane Circle
Hudson, WI 54016

Dear Dean Jr. & Carin:

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January 6, 2021

Jeff and Terina Bierbrauer
981 Katner Court
Hudson, WI 54016

Dear Jeff and Terina:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Charles & Robin Krueger
962 LaBarge Rd
Hudson, WI 54016

Dear Charles & Robin:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Kristina Olson
977 Marcy's Court
Hudson, WI 54016

Dear Kristina:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Anthony & Jackie Beaudry
758 McCutcheon Rd
Hudson, WI 54016

Dear Anthony & Jackie:

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January 6, 2021

Jeff & Maureen Waid
714 Paul Burch Dr.
Hudson, WI 54016

Dear Jeff & Maureen:

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January 6, 2021

Mike and Hong Nelson
721 Paul Burch Dr.
Hudson, WI 54016

Dear Mike and Hong:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Timothy Hieb
693 Pine Timber Lane
Hudson, WI 54016

Dear Timothy:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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January 6, 2021

Kenneth & Beverly Heutmaker
698 Pine Timber Lane
Hudson, WI 54016

Dear Kenneth & Beverly:

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January 6, 2021

John Garske
993 Tanney Lane
Hudson, WI 54016

Dear John:

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January 6, 2021

Trevor Bruce
930-A Alexander Road
Hudson, WI 54016

Dear Trevor:

According to our records your drinking water is due to be sampled as there was a change out of your water filtration equipment. Samples will be taken from the untreated (before the filters) and/or treated water (after the filters) to monitor groundwater quality and ensure the drinking water quality meets the State of Wisconsin safe drinking water standards. The sampling will take approximately five minutes to complete.

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LETTERS TO PRIVATE WELL OWNERS – ANALYTICAL RESULTS



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November 30, 2021

Tony Dabruzzo
954 Bakken Road
Hudson, WI 54016

Dear Tony:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.3 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
8/31/21	10/29/21	2,332,230	249,330	1.3	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-207766-1

Client Sample ID: 954 Bakken Rd

Lab Sample ID: 500-207766-1

Date Collected: 10/29/21 09:20

Matrix: Water

Date Received: 11/02/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			11/11/21 12:55	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/21 12:55	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/21 12:55	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/21 12:55	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/21 12:55	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/21 12:55	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			11/11/21 12:55	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/21 12:55	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/21 12:55	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/21 12:55	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/21 12:55	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/21 12:55	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			11/11/21 12:55	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/21 12:55	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/21 12:55	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/21 12:55	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/21 12:55	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/21 12:55	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/21 12:55	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/21 12:55	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/21 12:55	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/21 12:55	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/21 12:55	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/21 12:55	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/21 12:55	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/21 12:55	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/21 12:55	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/21 12:55	1
Methylene bromide	<0.27		1.0	0.27	ug/L			11/11/21 12:55	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/21 12:55	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			11/11/21 12:55	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/21 12:55	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/21 12:55	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/21 12:55	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/21 12:55	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/21 12:55	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/21 12:55	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/21 12:55	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/21 12:55	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/21 12:55	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/21 12:55	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			11/11/21 12:55	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-207766-1

Client Sample ID: 954 Bakken Rd

Lab Sample ID: 500-207766-1

Date Collected: 10/29/21 09:20

Matrix: Water

Date Received: 11/02/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			11/11/21 12:55	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/21 12:55	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			11/11/21 12:55	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/21 12:55	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/21 12:55	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/21 12:55	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/21 12:55	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/21 12:55	1
Trichloroethylene	1.3		0.50	0.16	ug/L			11/11/21 12:55	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/21 12:55	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/21 12:55	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/21 12:55	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/21 12:55	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/21 12:55	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/21 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		11/11/21 12:55	1
Dibromofluoromethane	94		75 - 120		11/11/21 12:55	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		11/11/21 12:55	1
Toluene-d8 (Surr)	95		75 - 120		11/11/21 12:55	1



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November 30, 2021

Marie & Clyde Stockey
898 E Hwy 12
Hudson, WI 54016

Dear Marie & Clyde:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
8/03/21	10/29/21	745,420	29,040	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutzel
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-207766-1

Client Sample ID: 898 E Hwy 12

Lab Sample ID: 500-207766-2

Date Collected: 10/29/21 09:40

Matrix: Water

Date Received: 11/02/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			11/11/21 13:23	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/21 13:23	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/21 13:23	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/21 13:23	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/21 13:23	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/21 13:23	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			11/11/21 13:23	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/21 13:23	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/21 13:23	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/21 13:23	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/21 13:23	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/21 13:23	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			11/11/21 13:23	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/21 13:23	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/21 13:23	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/21 13:23	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/21 13:23	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/21 13:23	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/21 13:23	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/21 13:23	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/21 13:23	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/21 13:23	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/21 13:23	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/21 13:23	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/21 13:23	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/21 13:23	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/21 13:23	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/21 13:23	1
Methylene bromide	<0.27		1.0	0.27	ug/L			11/11/21 13:23	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/21 13:23	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			11/11/21 13:23	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/21 13:23	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/21 13:23	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/21 13:23	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/21 13:23	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/21 13:23	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/21 13:23	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/21 13:23	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/21 13:23	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/21 13:23	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/21 13:23	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			11/11/21 13:23	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-207766-1

Client Sample ID: 898 E Hwy 12

Lab Sample ID: 500-207766-2

Date Collected: 10/29/21 09:40

Matrix: Water

Date Received: 11/02/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			11/11/21 13:23	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/21 13:23	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			11/11/21 13:23	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/21 13:23	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/21 13:23	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/21 13:23	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/21 13:23	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/21 13:23	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			11/11/21 13:23	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/21 13:23	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/21 13:23	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/21 13:23	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/21 13:23	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/21 13:23	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/21 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124		11/11/21 13:23	1
Dibromofluoromethane	94		75 - 120		11/11/21 13:23	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		11/11/21 13:23	1
Toluene-d8 (Surr)	95		75 - 120		11/11/21 13:23	1



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November 30, 2021

Patrick & Susan Giordana
877 Kingsway Road
Hudson, WI 54016

Dear Patrick & Susan:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.97 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/20/21	10/29/21	2,440,680	91,780	0.97	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutzel
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-207766-1

Client Sample ID: 877 Kings Way

Lab Sample ID: 500-207766-3

Date Collected: 10/29/21 09:00

Matrix: Water

Date Received: 11/02/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			11/11/21 13:50	1
Benzene	<0.15		0.50	0.15	ug/L			11/11/21 13:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			11/11/21 13:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			11/11/21 13:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			11/11/21 13:50	1
Bromoform	<0.48		1.0	0.48	ug/L			11/11/21 13:50	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			11/11/21 13:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			11/11/21 13:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			11/11/21 13:50	1
Chloroform	<0.37		2.0	0.37	ug/L			11/11/21 13:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			11/11/21 13:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			11/11/21 13:50	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			11/11/21 13:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			11/11/21 13:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			11/11/21 13:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			11/11/21 13:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			11/11/21 13:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			11/11/21 13:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			11/11/21 13:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			11/11/21 13:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			11/11/21 13:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			11/11/21 13:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			11/11/21 13:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			11/11/21 13:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			11/11/21 13:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			11/11/21 13:50	1
Bromomethane	<0.80		3.0	0.80	ug/L			11/11/21 13:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			11/11/21 13:50	1
Methylene bromide	<0.27		1.0	0.27	ug/L			11/11/21 13:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			11/11/21 13:50	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			11/11/21 13:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
Naphthalene	<0.34		1.0	0.34	ug/L			11/11/21 13:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			11/11/21 13:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			11/11/21 13:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			11/11/21 13:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			11/11/21 13:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/21 13:50	1
Styrene	<0.39		1.0	0.39	ug/L			11/11/21 13:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			11/11/21 13:50	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			11/11/21 13:50	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			11/11/21 13:50	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			11/11/21 13:50	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-207766-1

Client Sample ID: 877 Kings Way

Lab Sample ID: 500-207766-3

Date Collected: 10/29/21 09:00

Matrix: Water

Date Received: 11/02/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			11/11/21 13:50	1
Toluene	<0.15		0.50	0.15	ug/L			11/11/21 13:50	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			11/11/21 13:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			11/11/21 13:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			11/11/21 13:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			11/11/21 13:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			11/11/21 13:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			11/11/21 13:50	1
Trichloroethylene	0.97		0.50	0.16	ug/L			11/11/21 13:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			11/11/21 13:50	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			11/11/21 13:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			11/11/21 13:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			11/11/21 13:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			11/11/21 13:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			11/11/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124		11/11/21 13:50	1
Dibromofluoromethane	97		75 - 120		11/11/21 13:50	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		11/11/21 13:50	1
Toluene-d8 (Surr)	95		75 - 120		11/11/21 13:50	1



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www.cedarcorp.com

October 22, 2021

George and Cynthia Kupfer
887 Hillside Trail
Hudson, WI 54016

Dear George and Cynthia:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.63 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/23/21	10/5/21	1,622,580	51,140	0.63	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-206445-1

Client Sample ID: 887 Hillside Trail Raw

Lab Sample ID: 500-206445-1

Date Collected: 10/05/21 09:00

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			10/15/21 18:46	1
Benzene	<0.15		0.50	0.15	ug/L			10/15/21 18:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/15/21 18:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/15/21 18:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/15/21 18:46	1
Bromoform	<0.48		1.0	0.48	ug/L			10/15/21 18:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/15/21 18:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/15/21 18:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/15/21 18:46	1
Chloroform	<0.37		2.0	0.37	ug/L			10/15/21 18:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/15/21 18:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/15/21 18:46	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			10/15/21 18:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/15/21 18:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/15/21 18:46	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/15/21 18:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/15/21 18:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/15/21 18:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/15/21 18:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/15/21 18:46	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/15/21 18:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/15/21 18:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/15/21 18:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/15/21 18:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/15/21 18:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/15/21 18:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/15/21 18:46	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/15/21 18:46	1
Methylene bromide	<0.27		1.0	0.27	ug/L			10/15/21 18:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/15/21 18:46	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/15/21 18:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/15/21 18:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/15/21 18:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/15/21 18:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/15/21 18:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/15/21 18:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/15/21 18:46	1
Styrene	<0.39		1.0	0.39	ug/L			10/15/21 18:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/15/21 18:46	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/15/21 18:46	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/15/21 18:46	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			10/15/21 18:46	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-206445-1

Client Sample ID: 887 Hillside Trail Raw

Lab Sample ID: 500-206445-1

Date Collected: 10/05/21 09:00

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/15/21 18:46	1
Toluene	<0.15		0.50	0.15	ug/L			10/15/21 18:46	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			10/15/21 18:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/15/21 18:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/15/21 18:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/15/21 18:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/15/21 18:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/15/21 18:46	1
Trichloroethylene	0.63		0.50	0.16	ug/L			10/15/21 18:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/15/21 18:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/15/21 18:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/15/21 18:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/15/21 18:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/15/21 18:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/15/21 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/15/21 18:46	1
Dibromofluoromethane	105		75 - 120		10/15/21 18:46	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		10/15/21 18:46	1
Toluene-d8 (Surr)	96		75 - 120		10/15/21 18:46	1



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October 22, 2021

Jenna & Gregory Bjork
948 Florence Lane
Hudson, WI 54016

Dear Jenna & Gregory:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW doesn't contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals)	Vol. Used Between Filter Changes (gals)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/14/2021	10/05/21	2,669,670	84,290	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutzell
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-206445-1

Client Sample ID: 948 Florence Lane DW

Lab Sample ID: 500-206445-2

Date Collected: 10/05/21 09:30

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			10/15/21 19:11	1
Benzene	<0.15		0.50	0.15	ug/L			10/15/21 19:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/15/21 19:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/15/21 19:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/15/21 19:11	1
Bromoform	<0.48		1.0	0.48	ug/L			10/15/21 19:11	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/15/21 19:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/15/21 19:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			10/15/21 19:11	1
Chloroform	<0.37		2.0	0.37	ug/L			10/15/21 19:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/15/21 19:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/15/21 19:11	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			10/15/21 19:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/15/21 19:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/15/21 19:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/15/21 19:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/15/21 19:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/15/21 19:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/15/21 19:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/15/21 19:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			10/15/21 19:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/15/21 19:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/15/21 19:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/15/21 19:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/15/21 19:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/15/21 19:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/15/21 19:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			10/15/21 19:11	1
Methylene bromide	<0.27		1.0	0.27	ug/L			10/15/21 19:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/15/21 19:11	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/15/21 19:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/15/21 19:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/15/21 19:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/15/21 19:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/15/21 19:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/15/21 19:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/15/21 19:11	1
Styrene	<0.39		1.0	0.39	ug/L			10/15/21 19:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/15/21 19:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/15/21 19:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/15/21 19:11	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			10/15/21 19:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-206445-1

Client Sample ID: 948 Florence Lane DW

Lab Sample ID: 500-206445-2

Date Collected: 10/05/21 09:30

Matrix: Water

Date Received: 10/08/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/15/21 19:11	1
Toluene	<0.15		0.50	0.15	ug/L			10/15/21 19:11	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			10/15/21 19:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/15/21 19:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/15/21 19:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/15/21 19:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/15/21 19:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/15/21 19:11	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			10/15/21 19:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/15/21 19:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/15/21 19:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/15/21 19:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/15/21 19:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/15/21 19:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/15/21 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		10/15/21 19:11	1
Dibromofluoromethane	105		75 - 120		10/15/21 19:11	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		10/15/21 19:11	1
Toluene-d8 (Surr)	95		75 - 120		10/15/21 19:11	1

October 7, 2021

Jeff and Abby Klatt
860 Hillside Trail
Hudson, WI 54016

Dear Jeff and Abby:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Install.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/14/21	9/20/21	712,470	197,890	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION



Orion Reutz
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-205587-1

Client Sample ID: 860 Hillside Trl Raw

Lab Sample ID: 500-205587-1

Date Collected: 09/20/21 09:00

Matrix: Water

Date Received: 09/22/21 10:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/29/21 17:24	1
Benzene	<0.15		0.50	0.15	ug/L			09/29/21 17:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/29/21 17:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/29/21 17:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/29/21 17:24	1
Bromoform	<0.48		1.0	0.48	ug/L			09/29/21 17:24	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/29/21 17:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/29/21 17:24	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/29/21 17:24	1
Chloroform	<0.37		2.0	0.37	ug/L			09/29/21 17:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/29/21 17:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/29/21 17:24	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/29/21 17:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/29/21 17:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/29/21 17:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/29/21 17:24	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/29/21 17:24	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/29/21 17:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/29/21 17:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/29/21 17:24	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/29/21 17:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/29/21 17:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/29/21 17:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/29/21 17:24	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/29/21 17:24	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/29/21 17:24	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/29/21 17:24	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/29/21 17:24	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/29/21 17:24	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/29/21 17:24	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/29/21 17:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/29/21 17:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/29/21 17:24	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/29/21 17:24	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/29/21 17:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/29/21 17:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/29/21 17:24	1
Styrene	<0.39		1.0	0.39	ug/L			09/29/21 17:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/29/21 17:24	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/29/21 17:24	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/29/21 17:24	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/29/21 17:24	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-205587-1

Client Sample ID: 860 Hillside Trl Raw

Lab Sample ID: 500-205587-1

Date Collected: 09/20/21 09:00

Matrix: Water

Date Received: 09/22/21 10:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/29/21 17:24	1
Toluene	<0.15		0.50	0.15	ug/L			09/29/21 17:24	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/29/21 17:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/29/21 17:24	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/29/21 17:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/29/21 17:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/29/21 17:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/29/21 17:24	1
Trichloroethylene	1.4		0.50	0.16	ug/L			09/29/21 17:24	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/29/21 17:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/29/21 17:24	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/29/21 17:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/29/21 17:24	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/29/21 17:24	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/29/21 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124					09/29/21 17:24	1
Dibromofluoromethane	98		75 - 120					09/29/21 17:24	1
1,2-Dichloroethane-d4 (Surr)	87		75 - 126					09/29/21 17:24	1
Toluene-d8 (Surr)	100		75 - 120					09/29/21 17:24	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-205587-1

Client Sample ID: 860 Hillside Trl DW

Lab Sample ID: 500-205587-2

Date Collected: 09/20/21 09:00

Matrix: Water

Date Received: 09/22/21 10:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J	10	1.7	ug/L			09/29/21 17:48	1
Benzene	<0.15		0.50	0.15	ug/L			09/29/21 17:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/29/21 17:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/29/21 17:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/29/21 17:48	1
Bromoform	<0.48		1.0	0.48	ug/L			09/29/21 17:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/29/21 17:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/29/21 17:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/29/21 17:48	1
Chloroform	<0.37		2.0	0.37	ug/L			09/29/21 17:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/29/21 17:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/29/21 17:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/29/21 17:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/29/21 17:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/29/21 17:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/29/21 17:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/29/21 17:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/29/21 17:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/29/21 17:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/29/21 17:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/29/21 17:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/29/21 17:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/29/21 17:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/29/21 17:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/29/21 17:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/29/21 17:48	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/29/21 17:48	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/29/21 17:48	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/29/21 17:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/29/21 17:48	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/29/21 17:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/29/21 17:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/29/21 17:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/29/21 17:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/29/21 17:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/29/21 17:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/29/21 17:48	1
Styrene	<0.39		1.0	0.39	ug/L			09/29/21 17:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/29/21 17:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/29/21 17:48	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/29/21 17:48	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/29/21 17:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-205587-1

Client Sample ID: 860 Hillside Trl DW

Lab Sample ID: 500-205587-2

Date Collected: 09/20/21 09:00

Matrix: Water

Date Received: 09/22/21 10:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/29/21 17:48	1
Toluene	<0.15		0.50	0.15	ug/L			09/29/21 17:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/29/21 17:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/29/21 17:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/29/21 17:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/29/21 17:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/29/21 17:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/29/21 17:48	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			09/29/21 17:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/29/21 17:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/29/21 17:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/29/21 17:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/29/21 17:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/29/21 17:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/29/21 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124					09/29/21 17:48	1
Dibromofluoromethane	99		75 - 120					09/29/21 17:48	1
1,2-Dichloroethane-d4 (Surr)	85		75 - 126					09/29/21 17:48	1
Toluene-d8 (Surr)	99		75 - 120					09/29/21 17:48	1

November 30, 2021

Donald & Diane Peavey
696 McCutcheon Rd
Hudson, WI 54016

Dear Donald & Diane:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.5 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/15/21	9/1/21	766,230	42,580	1.5	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION



Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 696 McCutcheon Rd Raw

Lab Sample ID: 500-204813-1

Date Collected: 09/01/21 09:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 14:03	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 14:03	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:03	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 14:03	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 14:03	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 14:03	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 14:03	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 14:03	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 14:03	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 14:03	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 14:03	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 14:03	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 14:03	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 14:03	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 14:03	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 14:03	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 14:03	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 14:03	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 14:03	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 14:03	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 14:03	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 14:03	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 14:03	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 14:03	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 14:03	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:03	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 14:03	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 14:03	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 14:03	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 14:03	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 14:03	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 14:03	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 14:03	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 14:03	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:03	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 14:03	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:03	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 14:03	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:03	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 14:03	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 14:03	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 14:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 696 McCutcheon Rd Raw

Lab Sample ID: 500-204813-1

Date Collected: 09/01/21 09:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 14:03	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 14:03	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 14:03	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 14:03	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 14:03	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 14:03	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 14:03	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 14:03	1
Trichloroethylene	1.5		0.50	0.16	ug/L			09/10/21 14:03	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 14:03	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 14:03	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:03	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 14:03	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 14:03	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		72 - 124					09/10/21 14:03	1
Dibromofluoromethane	91		75 - 120					09/10/21 14:03	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126					09/10/21 14:03	1
Toluene-d8 (Surr)	92		75 - 120					09/10/21 14:03	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 696 McCutcheon Rd DW

Lab Sample ID: 500-204813-2

Date Collected: 09/01/21 09:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 14:31	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 14:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 14:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 14:31	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 14:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 14:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 14:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 14:31	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 14:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 14:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 14:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 14:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 14:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 14:31	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 14:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 14:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 14:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 14:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 14:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 14:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 14:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 14:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 14:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 14:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:31	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 14:31	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 14:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 14:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 14:31	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 14:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 14:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 14:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 14:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 14:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:31	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 14:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 14:31	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 14:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 14:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 696 McCutcheon Rd DW

Lab Sample ID: 500-204813-2

Date Collected: 09/01/21 09:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 14:31	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 14:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 14:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 14:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 14:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 14:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 14:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 14:31	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			09/10/21 14:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 14:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 14:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 14:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 14:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124		09/10/21 14:31	1
Dibromofluoromethane	94		75 - 120		09/10/21 14:31	1
1,2-Dichloroethane-d4 (Surr)	81		75 - 126		09/10/21 14:31	1
Toluene-d8 (Surr)	91		75 - 120		09/10/21 14:31	1



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November 30, 2021

Jason & Gail Jung
967 Florence Lane
Hudson, WI 54016

Dear Jason & Gail:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.3 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.-Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/22/21	9/1/21	1,390,020	80,990	1.3	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 967 Florence Ln Raw

Lab Sample ID: 500-204813-3

Date Collected: 09/01/21 09:30

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 14:59	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 14:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 14:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 14:59	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 14:59	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 14:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 14:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 14:59	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 14:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 14:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 14:59	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 14:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 14:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 14:59	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 14:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 14:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 14:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 14:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 14:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 14:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 14:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 14:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 14:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 14:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 14:59	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 14:59	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 14:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 14:59	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 14:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 14:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 14:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 14:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 14:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:59	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 14:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 14:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 14:59	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 14:59	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 14:59	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 967 Florence Ln Raw

Lab Sample ID: 500-204813-3

Date Collected: 09/01/21 09:30

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 14:59	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 14:59	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 14:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 14:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 14:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 14:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 14:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 14:59	1
Trichloroethylene	1.3		0.50	0.16	ug/L			09/10/21 14:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 14:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 14:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 14:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 14:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 14:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124					09/10/21 14:59	1
Dibromofluoromethane	94		75 - 120					09/10/21 14:59	1
1,2-Dichloroethane-d4 (Surr)	81		75 - 126					09/10/21 14:59	1
Toluene-d8 (Surr)	92		75 - 120					09/10/21 14:59	1

July 8, 2021

Patrick Flanagan
820 Hillside Trail
Hudson, WI 54016

Dear Patrick:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.1 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/22/21	9/1/21	981,000	69,560	1.1	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION



Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 820 Hillside Trl Raw

Lab Sample ID: 500-204813-4

Date Collected: 09/01/21 10:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 15:26	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 15:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 15:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 15:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 15:26	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 15:26	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 15:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 15:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 15:26	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 15:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 15:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 15:26	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 15:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 15:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 15:26	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 15:26	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 15:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 15:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 15:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 15:26	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 15:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 15:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 15:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 15:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 15:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 15:26	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 15:26	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 15:26	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 15:26	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 15:26	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 15:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 15:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 15:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 15:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 15:26	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 15:26	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 15:26	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 15:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 15:26	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 15:26	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 15:26	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 15:26	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 820 Hillside Trl Raw

Lab Sample ID: 500-204813-4

Date Collected: 09/01/21 10:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 15:26	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 15:26	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 15:26	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 15:26	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 15:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 15:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 15:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 15:26	1
Trichloroethylene	1.1		0.50	0.16	ug/L			09/10/21 15:26	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 15:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 15:26	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 15:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 15:26	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 15:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		72 - 124					09/10/21 15:26	1
Dibromofluoromethane	93		75 - 120					09/10/21 15:26	1
1,2-Dichloroethane-d4 (Surr)	81		75 - 126					09/10/21 15:26	1
Toluene-d8 (Surr)	91		75 - 120					09/10/21 15:26	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 820 Hillside Trl DW

Lab Sample ID: 500-204813-5

Date Collected: 09/01/21 10:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 15:54	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 15:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 15:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 15:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 15:54	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 15:54	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 15:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 15:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 15:54	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 15:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 15:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 15:54	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 15:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 15:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 15:54	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 15:54	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 15:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 15:54	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 15:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 15:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 15:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 15:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 15:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 15:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 15:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 15:54	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 15:54	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 15:54	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 15:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 15:54	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 15:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 15:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 15:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 15:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 15:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 15:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 15:54	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 15:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 15:54	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 15:54	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 15:54	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 15:54	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 820 Hillside Trl DW

Lab Sample ID: 500-204813-5

Date Collected: 09/01/21 10:00

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 15:54	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 15:54	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 15:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 15:54	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 15:54	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 15:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 15:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 15:54	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			09/10/21 15:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 15:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 15:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 15:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 15:54	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 15:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		72 - 124					09/10/21 15:54	1
Dibromofluoromethane	95		75 - 120					09/10/21 15:54	1
1,2-Dichloroethane-d4 (Surr)	82		75 - 126					09/10/21 15:54	1
Toluene-d8 (Surr)	91		75 - 120					09/10/21 15:54	1



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November 30, 2021

Mike & Laurie Hurtgen
833 Hillside Trail
Hudson, WI 54016

Dear Mike & Laurie:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in neither the unfiltered water (Raw) or the filtered water (DW). Based on the completed analysis, the DW doesn't contain any compounds that exceed the State of Wisconsin safe drinking water standards.

A low concentration of methylene chloride was detected in the DW sample; however, this compound is a known lab contaminant, and any low level detects for this compound could be suspected as lab contamination.

The table below shows the results of the Raw sample only.

Filter Instal.-Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/7/21	9/1/21	1,067,840	146,340	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 833 Hillside Trl Raw

Lab Sample ID: 500-204813-6

Date Collected: 09/01/21 10:30

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 16:22	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 16:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 16:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 16:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 16:22	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 16:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 16:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 16:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 16:22	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 16:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 16:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 16:22	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 16:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 16:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 16:22	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 16:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 16:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 16:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 16:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 16:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 16:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 16:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 16:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 16:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 16:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 16:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 16:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 16:22	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 16:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 16:22	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 16:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 16:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 16:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 16:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 16:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 16:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 16:22	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 16:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 16:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 16:22	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 16:22	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 16:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 833 Hillside Trl Raw

Lab Sample ID: 500-204813-6

Date Collected: 09/01/21 10:30

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 16:22	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 16:22	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 16:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 16:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 16:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 16:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 16:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 16:22	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			09/10/21 16:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 16:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 16:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 16:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 16:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 16:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		72 - 124		09/10/21 16:22	1
Dibromofluoromethane	93		75 - 120		09/10/21 16:22	1
1,2-Dichloroethane-d4 (Surr)	82		75 - 126		09/10/21 16:22	1
Toluene-d8 (Surr)	89		75 - 120		09/10/21 16:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 833 Hillside Trl DW

Lab Sample ID: 500-204813-7

Date Collected: 09/01/21 10:30

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			09/10/21 16:49	1
Benzene	<0.15		0.50	0.15	ug/L			09/10/21 16:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/10/21 16:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/10/21 16:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/10/21 16:49	1
Bromoform	<0.48		1.0	0.48	ug/L			09/10/21 16:49	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			09/10/21 16:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/10/21 16:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/10/21 16:49	1
Chloroform	<0.37		2.0	0.37	ug/L			09/10/21 16:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/10/21 16:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/10/21 16:49	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			09/10/21 16:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/10/21 16:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/10/21 16:49	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			09/10/21 16:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			09/10/21 16:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/10/21 16:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/10/21 16:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/10/21 16:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/10/21 16:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/10/21 16:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/10/21 16:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/10/21 16:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/10/21 16:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/10/21 16:49	1
Bromomethane	<0.80		3.0	0.80	ug/L			09/10/21 16:49	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/10/21 16:49	1
Methylene bromide	<0.27		1.0	0.27	ug/L			09/10/21 16:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/10/21 16:49	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			09/10/21 16:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/10/21 16:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/10/21 16:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/10/21 16:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/10/21 16:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/10/21 16:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 16:49	1
Styrene	<0.39		1.0	0.39	ug/L			09/10/21 16:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/10/21 16:49	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/10/21 16:49	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/10/21 16:49	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			09/10/21 16:49	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-204813-1

Client Sample ID: 833 Hillside Trl DW

Lab Sample ID: 500-204813-7

Date Collected: 09/01/21 10:30

Matrix: Water

Date Received: 09/07/21 09:35

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			09/10/21 16:49	1
Toluene	<0.15		0.50	0.15	ug/L			09/10/21 16:49	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			09/10/21 16:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/10/21 16:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/10/21 16:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/10/21 16:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/10/21 16:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/10/21 16:49	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			09/10/21 16:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/10/21 16:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			09/10/21 16:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/10/21 16:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/10/21 16:49	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/10/21 16:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/10/21 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124		09/10/21 16:49	1
Dibromofluoromethane	92		75 - 120		09/10/21 16:49	1
1,2-Dichloroethane-d4 (Surr)	79		75 - 126		09/10/21 16:49	1
Toluene-d8 (Surr)	89		75 - 120		09/10/21 16:49	1



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August 23, 2021

Joseph & Kathy Deshler
775 McCutcheon Rd
Hudson, WI 54016

Dear Joseph & Kathy:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.8 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/15/21	8/3/21	1,335,080	22,150	1.8	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 775 McCutcheon Rd Raw

Lab Sample ID: 500-203298-10

Date Collected: 08/03/21 11:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/11/21 13:46	1
Benzene	<0.15		0.50	0.15	ug/L			08/11/21 13:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/11/21 13:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/11/21 13:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/11/21 13:46	1
Bromoform	<0.48		1.0	0.48	ug/L			08/11/21 13:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/11/21 13:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/11/21 13:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/11/21 13:46	1
Chloroform	<0.37		2.0	0.37	ug/L			08/11/21 13:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/11/21 13:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/11/21 13:46	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/11/21 13:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/11/21 13:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/11/21 13:46	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			08/11/21 13:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/11/21 13:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/11/21 13:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/11/21 13:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/11/21 13:46	1
2,2-Dichloropropane	<0.44 F1		1.0	0.44	ug/L			08/11/21 13:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/11/21 13:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/11/21 13:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/11/21 13:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/11/21 13:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/11/21 13:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/11/21 13:46	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/11/21 13:46	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/11/21 13:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/11/21 13:46	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/11/21 13:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/11/21 13:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/11/21 13:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/11/21 13:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/11/21 13:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/11/21 13:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/11/21 13:46	1
Styrene	<0.39		1.0	0.39	ug/L			08/11/21 13:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/11/21 13:46	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/11/21 13:46	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/11/21 13:46	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/11/21 13:46	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 775 McCutcheon Rd Raw

Lab Sample ID: 500-203298-10

Date Collected: 08/03/21 11:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/11/21 13:46	1
Toluene	<0.15		0.50	0.15	ug/L			08/11/21 13:46	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/11/21 13:46	1
trans-1,3-Dichloropropene	<0.36	F1	1.0	0.36	ug/L			08/11/21 13:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/11/21 13:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/11/21 13:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/11/21 13:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/11/21 13:46	1
Trichloroethylene	1.8		0.50	0.16	ug/L			08/11/21 13:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/11/21 13:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/11/21 13:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/11/21 13:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/11/21 13:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/11/21 13:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/11/21 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		72 - 124					08/11/21 13:46	1
Dibromofluoromethane	94		75 - 120					08/11/21 13:46	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126					08/11/21 13:46	1
Toluene-d8 (Surr)	91		75 - 120					08/11/21 13:46	1



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August 23, 2021

Kyle & Angie Hewitt
813 Dove Court
Hudson, WI 54016

Dear Kyle & Angie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 3.2 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/15/21	7/29/21	1,112,770	88,950	3.2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 813 Dove Ct. Raw

Lab Sample ID: 500-203298-3

Date Collected: 07/29/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 19:15	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 19:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 19:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 19:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 19:15	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 19:15	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 19:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 19:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 19:15	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 19:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 19:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 19:15	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 19:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 19:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 19:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 19:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 19:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 19:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 19:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 19:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 19:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 19:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 19:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 19:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 19:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 19:15	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 19:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 19:15	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 19:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 19:15	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 19:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 19:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 19:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 19:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 19:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 19:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 19:15	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 19:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 19:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 19:15	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 19:15	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 19:15	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 813 Dove Ct. Raw

Lab Sample ID: 500-203298-3

Date Collected: 07/29/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 19:15	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 19:15	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 19:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 19:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 19:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 19:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 19:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 19:15	1
Trichloroethylene	3.2		0.50	0.16	ug/L			08/10/21 19:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 19:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 19:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 19:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 19:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 19:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		72 - 124		08/10/21 19:15	1
Dibromofluoromethane	96		75 - 120		08/10/21 19:15	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		08/10/21 19:15	1
Toluene-d8 (Surr)	90		75 - 120		08/10/21 19:15	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 813 Dove Ct. DW

Lab Sample ID: 500-203298-4

Date Collected: 07/29/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 19:42	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 19:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 19:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 19:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 19:42	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 19:42	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 19:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 19:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 19:42	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 19:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 19:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 19:42	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 19:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 19:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 19:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 19:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 19:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 19:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 19:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 19:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 19:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 19:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 19:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 19:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 19:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 19:42	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 19:42	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 19:42	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 19:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 19:42	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 19:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 19:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 19:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 19:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 19:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 19:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 19:42	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 19:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 19:42	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 19:42	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 19:42	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 19:42	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 813 Dove Ct. DW

Lab Sample ID: 500-203298-4

Date Collected: 07/29/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 19:42	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 19:42	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 19:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 19:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 19:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 19:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 19:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 19:42	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			08/10/21 19:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 19:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 19:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 19:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 19:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 19:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		72 - 124		08/10/21 19:42	1
Dibromofluoromethane	96		75 - 120		08/10/21 19:42	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		08/10/21 19:42	1
Toluene-d8 (Surr)	89		75 - 120		08/10/21 19:42	1



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August 23, 2021

Mark & Laura Hay
814 Hillside Trail
Hudson, WI 54016

Dear Mark & Laura:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.95 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/23/21	7/29/21	1,371,390	165,690	0.95	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 814 Hillside Trl Raw

Lab Sample ID: 500-203298-1

Date Collected: 07/29/21 09:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 18:20	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 18:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 18:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 18:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 18:20	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 18:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 18:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 18:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 18:20	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 18:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 18:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 18:20	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 18:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 18:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 18:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 18:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 18:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 18:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 18:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 18:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 18:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 18:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 18:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 18:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 18:20	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 18:20	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 18:20	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 18:20	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 18:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 18:20	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 18:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 18:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 18:20	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 18:20	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 18:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 18:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 18:20	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 18:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 18:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 18:20	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 18:20	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 18:20	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 814 Hillside Trl Raw

Lab Sample ID: 500-203298-1

Date Collected: 07/29/21 09:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 18:20	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 18:20	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 18:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 18:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 18:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 18:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 18:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 18:20	1
Trichloroethylene	0.95		0.50	0.16	ug/L			08/10/21 18:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 18:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 18:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 18:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 18:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 18:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		72 - 124					08/10/21 18:20	1
Dibromofluoromethane	98		75 - 120					08/10/21 18:20	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					08/10/21 18:20	1
Toluene-d8 (Surr)	91		75 - 120					08/10/21 18:20	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 814 Hillside Trl DW

Lab Sample ID: 500-203298-2

Date Collected: 07/29/21 09:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 18:48	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 18:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 18:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 18:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 18:48	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 18:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 18:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 18:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 18:48	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 18:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 18:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 18:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 18:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 18:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 18:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 18:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 18:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 18:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 18:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 18:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 18:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 18:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 18:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 18:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 18:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 18:48	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 18:48	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 18:48	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 18:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 18:48	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 18:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 18:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 18:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 18:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 18:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 18:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 18:48	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 18:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 18:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 18:48	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 18:48	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 18:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 814 Hillside Trl DW

Lab Sample ID: 500-203298-2

Date Collected: 07/29/21 09:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 18:48	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 18:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 18:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 18:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 18:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 18:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 18:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 18:48	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			08/10/21 18:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 18:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 18:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 18:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 18:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 18:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		72 - 124					08/10/21 18:48	1
Dibromofluoromethane	97		75 - 120					08/10/21 18:48	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126					08/10/21 18:48	1
Toluene-d8 (Surr)	88		75 - 120					08/10/21 18:48	1



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August 23, 2021

826 Hillside Trail
John & Jean Hutchison
Hudson, WI 54016

Dear John & Jean:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Naphthalene was detected in the Raw water sample at 0.45 micrograms per liter (ug/L). This is below the Preventive Action Limit (10 ug/L) and Enforcement Standard (100 ug/L). This concentration was detected below the limit of detection and limit of quantification.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/24/21	8/3/21	1,001,970	106,410	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 826 Hillside Trl Raw

Lab Sample ID: 500-203298-9

Date Collected: 08/03/21 10:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/11/21 13:19	1
Benzene	<0.15		0.50	0.15	ug/L			08/11/21 13:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/11/21 13:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/11/21 13:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/11/21 13:19	1
Bromoform	<0.48		1.0	0.48	ug/L			08/11/21 13:19	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/11/21 13:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/11/21 13:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/11/21 13:19	1
Chloroform	<0.37		2.0	0.37	ug/L			08/11/21 13:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/11/21 13:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/11/21 13:19	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/11/21 13:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/11/21 13:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/11/21 13:19	1
1,2-Dibromo-3-Chloropropane	<2.0 *		5.0	2.0	ug/L			08/11/21 13:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/11/21 13:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/11/21 13:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/11/21 13:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/11/21 13:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/11/21 13:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/11/21 13:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/11/21 13:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/11/21 13:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/11/21 13:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/11/21 13:19	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/11/21 13:19	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/11/21 13:19	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/11/21 13:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/11/21 13:19	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/11/21 13:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
Naphthalene	0.45 J		1.0	0.34	ug/L			08/11/21 13:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/11/21 13:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/11/21 13:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/11/21 13:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/11/21 13:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/11/21 13:19	1
Styrene	<0.39		1.0	0.39	ug/L			08/11/21 13:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/11/21 13:19	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/11/21 13:19	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/11/21 13:19	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/11/21 13:19	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 826 Hillside Trl Raw

Lab Sample ID: 500-203298-9

Date Collected: 08/03/21 10:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/11/21 13:19	1
Toluene	<0.15		0.50	0.15	ug/L			08/11/21 13:19	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/11/21 13:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/11/21 13:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/11/21 13:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/11/21 13:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/11/21 13:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/11/21 13:19	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			08/11/21 13:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/11/21 13:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/11/21 13:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/11/21 13:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/11/21 13:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/11/21 13:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/11/21 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124		08/11/21 13:19	1
Dibromofluoromethane	92		75 - 120		08/11/21 13:19	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		08/11/21 13:19	1
Toluene-d8 (Surr)	92		75 - 120		08/11/21 13:19	1



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August 23, 2021

Eric and Michelle Egger
829 Hillside Trail
Hudson, WI 54016

Dear Eric and Michelle:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.34 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.-Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/3/20	8/3/21	1,511,300	141,450	0.34	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 829 Hillside Trl Raw

Lab Sample ID: 500-203298-6

Date Collected: 08/03/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 20:36	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 20:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 20:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 20:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 20:36	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 20:36	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 20:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 20:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 20:36	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 20:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 20:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 20:36	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 20:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 20:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 20:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 20:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 20:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 20:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 20:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 20:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 20:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 20:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 20:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 20:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 20:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 20:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 20:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 20:36	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 20:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 20:36	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 20:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 20:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 20:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 20:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 20:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 20:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 20:36	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 20:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 20:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 20:36	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 20:36	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 20:36	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 829 Hillside Trl Raw

Lab Sample ID: 500-203298-6

Date Collected: 08/03/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 20:36	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 20:36	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 20:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 20:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 20:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 20:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 20:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 20:36	1
Trichloroethylene	0.34	J	0.50	0.16	ug/L			08/10/21 20:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 20:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 20:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 20:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 20:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 20:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124		08/10/21 20:36	1
Dibromofluoromethane	95		75 - 120		08/10/21 20:36	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126		08/10/21 20:36	1
Toluene-d8 (Surr)	89		75 - 120		08/10/21 20:36	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 829 Hillside Trl DW

Lab Sample ID: 500-203298-7

Date Collected: 08/03/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 21:04	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 21:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 21:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 21:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 21:04	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 21:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 21:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 21:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 21:04	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 21:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 21:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 21:04	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 21:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 21:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 21:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 21:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 21:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 21:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 21:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 21:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 21:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 21:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 21:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 21:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 21:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 21:04	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 21:04	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 21:04	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 21:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 21:04	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 21:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 21:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 21:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 21:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 21:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 21:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 21:04	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 21:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 21:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 21:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 21:04	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 21:04	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 829 Hillside Trl DW

Lab Sample ID: 500-203298-7

Date Collected: 08/03/21 09:30

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 21:04	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 21:04	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 21:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 21:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 21:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 21:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 21:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 21:04	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			08/10/21 21:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 21:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 21:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 21:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 21:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 21:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		72 - 124		08/10/21 21:04	1
Dibromofluoromethane	95		75 - 120		08/10/21 21:04	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126		08/10/21 21:04	1
Toluene-d8 (Surr)	89		75 - 120		08/10/21 21:04	1



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August 23, 2021

Robert & Dawn Evans
894 Fraser Lane
Hudson, WI 54016

Dear Robert & Dawn:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/25/21	8/3/21	2,188,410	124,310	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 894 Fraser Ln Raw

Lab Sample ID: 500-203298-5

Date Collected: 08/03/21 09:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 20:09	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 20:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 20:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 20:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 20:09	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 20:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 20:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 20:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 20:09	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 20:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 20:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 20:09	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 20:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 20:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 20:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 20:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 20:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 20:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 20:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 20:09	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 20:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 20:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 20:09	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 20:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 20:09	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 20:09	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 20:09	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 20:09	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 20:09	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 20:09	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 20:09	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 20:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 20:09	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 20:09	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 20:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 20:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 20:09	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 20:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 20:09	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 20:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 20:09	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 20:09	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 894 Fraser Ln Raw

Lab Sample ID: 500-203298-5

Date Collected: 08/03/21 09:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 20:09	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 20:09	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 20:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 20:09	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 20:09	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 20:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 20:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 20:09	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			08/10/21 20:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 20:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 20:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 20:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 20:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 20:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		72 - 124		08/10/21 20:09	1
Dibromofluoromethane	97		75 - 120		08/10/21 20:09	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		08/10/21 20:09	1
Toluene-d8 (Surr)	90		75 - 120		08/10/21 20:09	1



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August 23, 2021

Andrew & Meghan Kryzer
912 Gavin Pass
Hudson, WI 54016

Dear Andrew & Meghan:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 912 Gavin Pass Raw

Lab Sample ID: 500-203298-8

Date Collected: 08/03/21 10:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			08/10/21 21:31	1
Benzene	<0.15		0.50	0.15	ug/L			08/10/21 21:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			08/10/21 21:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			08/10/21 21:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			08/10/21 21:31	1
Bromoform	<0.48		1.0	0.48	ug/L			08/10/21 21:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			08/10/21 21:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			08/10/21 21:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			08/10/21 21:31	1
Chloroform	<0.37		2.0	0.37	ug/L			08/10/21 21:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			08/10/21 21:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			08/10/21 21:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			08/10/21 21:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			08/10/21 21:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			08/10/21 21:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			08/10/21 21:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			08/10/21 21:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			08/10/21 21:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			08/10/21 21:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			08/10/21 21:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			08/10/21 21:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			08/10/21 21:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			08/10/21 21:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			08/10/21 21:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			08/10/21 21:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			08/10/21 21:31	1
Bromomethane	<0.80		3.0	0.80	ug/L			08/10/21 21:31	1
Chloromethane	<0.32		1.0	0.32	ug/L			08/10/21 21:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			08/10/21 21:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			08/10/21 21:31	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			08/10/21 21:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			08/10/21 21:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			08/10/21 21:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			08/10/21 21:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			08/10/21 21:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			08/10/21 21:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 21:31	1
Styrene	<0.39		1.0	0.39	ug/L			08/10/21 21:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			08/10/21 21:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			08/10/21 21:31	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			08/10/21 21:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			08/10/21 21:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-203298-1

Client Sample ID: 912 Gavin Pass Raw

Lab Sample ID: 500-203298-8

Date Collected: 08/03/21 10:00

Matrix: Water

Date Received: 08/04/21 10:10

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			08/10/21 21:31	1
Toluene	<0.15		0.50	0.15	ug/L			08/10/21 21:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			08/10/21 21:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			08/10/21 21:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			08/10/21 21:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			08/10/21 21:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			08/10/21 21:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			08/10/21 21:31	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			08/10/21 21:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			08/10/21 21:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			08/10/21 21:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			08/10/21 21:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			08/10/21 21:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			08/10/21 21:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			08/10/21 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		72 - 124		08/10/21 21:31	1
Dibromofluoromethane	95		75 - 120		08/10/21 21:31	1
1,2-Dichloroethane-d4 (Surr)	83		75 - 126		08/10/21 21:31	1
Toluene-d8 (Surr)	89		75 - 120		08/10/21 21:31	1



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August 13, 2021

Tyrone & Raquel Beucler
671 Pine Timber Lane
Hudson, WI 54016

Dear Tyrone & Raquel:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.2 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/15/21	7/19/21	1,042,530	12,310	1.2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 671 Pine Timber Ln / Raw

Lab Sample ID: 500-202626-7

Date Collected: 07/19/21 09:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 17:31	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 17:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 17:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 17:31	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 17:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 17:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 17:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 17:31	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 17:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 17:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 17:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 17:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 17:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 17:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 17:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 17:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 17:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 17:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 17:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 17:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 17:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 17:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 17:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 17:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:31	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 17:31	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 17:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 17:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 17:31	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 17:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 17:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 17:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 17:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 17:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:31	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 17:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 17:31	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 17:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 17:31	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 671 Pine Timber Ln / Raw

Lab Sample ID: 500-202626-7

Date Collected: 07/19/21 09:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 17:31	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 17:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 17:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 17:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 17:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 17:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 17:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 17:31	1
Trichloroethylene	1.2		0.50	0.16	ug/L			07/28/21 17:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 17:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 17:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 17:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 17:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					07/28/21 17:31	1
Dibromofluoromethane	102		75 - 120					07/28/21 17:31	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126					07/28/21 17:31	1
Toluene-d8 (Surr)	97		75 - 120					07/28/21 17:31	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 671 Pine Timber Ln / DW

Lab Sample ID: 500-202626-8

Date Collected: 07/19/21 09:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 17:57	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 17:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 17:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 17:57	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 17:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 17:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 17:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 17:57	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 17:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 17:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 17:57	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 17:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 17:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 17:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 17:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 17:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 17:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 17:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 17:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 17:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 17:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 17:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 17:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 17:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:57	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 17:57	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 17:57	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 17:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 17:57	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 17:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 17:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 17:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 17:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 17:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:57	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 17:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 17:57	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 17:57	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 17:57	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 671 Pine Timber Ln / DW

Lab Sample ID: 500-202626-8

Date Collected: 07/19/21 09:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 17:57	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 17:57	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 17:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 17:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 17:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 17:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 17:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 17:57	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/28/21 17:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 17:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 17:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 17:57	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 17:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		07/28/21 17:57	1
Dibromofluoromethane	102		75 - 120		07/28/21 17:57	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		07/28/21 17:57	1
Toluene-d8 (Surr)	97		75 - 120		07/28/21 17:57	1



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August 13, 2021

Bruce & Nancy Sommerfeld
699 McCutcheon Rd
Hudson, WI 54016

Dear Bruce & Nancy:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.95 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/25/21	7/19/21	2,422,810	156,270	0.95	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 699 McCutcheon Rd / Raw

Lab Sample ID: 500-202626-9

Date Collected: 07/19/21 10:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 18:22	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 18:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 18:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 18:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 18:22	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 18:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 18:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 18:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 18:22	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 18:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 18:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 18:22	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 18:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 18:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 18:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 18:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 18:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 18:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 18:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 18:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 18:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 18:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 18:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 18:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 18:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 18:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 18:22	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 18:22	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 18:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 18:22	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 18:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 18:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 18:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 18:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 18:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 18:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 18:22	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 18:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 18:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 18:22	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 18:22	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 18:22	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 699 McCutcheon Rd / Raw

Lab Sample ID: 500-202626-9

Date Collected: 07/19/21 10:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 18:22	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 18:22	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 18:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 18:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 18:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 18:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 18:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 18:22	1
Trichloroethylene	0.95		0.50	0.16	ug/L			07/28/21 18:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 18:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 18:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 18:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 18:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 18:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124					07/28/21 18:22	1
Dibromofluoromethane	102		75 - 120					07/28/21 18:22	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126					07/28/21 18:22	1
Toluene-d8 (Surr)	98		75 - 120					07/28/21 18:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 699 McCutcheon Rd / DW

Lab Sample ID: 500-202626-10

Date Collected: 07/19/21 10:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 18:48	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 18:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 18:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 18:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 18:48	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 18:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 18:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 18:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 18:48	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 18:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 18:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 18:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 18:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 18:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 18:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 18:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 18:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 18:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 18:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 18:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 18:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 18:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 18:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 18:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 18:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 18:48	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 18:48	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 18:48	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 18:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 18:48	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 18:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 18:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 18:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 18:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 18:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 18:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 18:48	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 18:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 18:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 18:48	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 18:48	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 18:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 699 McCutcheon Rd / DW

Lab Sample ID: 500-202626-10

Date Collected: 07/19/21 10:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 18:48	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 18:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 18:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 18:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 18:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 18:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 18:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 18:48	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/28/21 18:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 18:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 18:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 18:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 18:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 18:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124					07/28/21 18:48	1
Dibromofluoromethane	107		75 - 120					07/28/21 18:48	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					07/28/21 18:48	1
Toluene-d8 (Surr)	94		75 - 120					07/28/21 18:48	1



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August 13, 2021

David & Robyn Corrin
813 Hillside Trail
Hudson, WI 54016

Dear David & Robyn:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.56 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/14/21	7/19/21	1,149,490	106,930	0.56	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 813 Hillside Trl / Raw

Lab Sample ID: 500-202626-4

Date Collected: 07/19/21 08:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 16:11	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 16:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 16:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 16:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 16:11	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 16:11	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 16:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 16:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 16:11	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 16:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 16:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 16:11	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 16:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 16:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 16:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 16:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 16:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 16:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 16:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 16:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 16:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 16:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 16:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 16:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 16:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 16:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 16:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 16:11	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 16:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 16:11	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 16:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 16:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 16:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 16:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 16:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 16:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 16:11	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 16:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 16:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 16:11	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 16:11	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 16:11	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 813 Hillside Trl / Raw

Lab Sample ID: 500-202626-4

Date Collected: 07/19/21 08:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 16:11	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 16:11	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 16:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 16:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 16:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 16:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 16:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 16:11	1
Trichloroethylene	0.56		0.50	0.16	ug/L			07/28/21 16:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 16:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 16:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 16:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 16:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 16:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		07/28/21 16:11	1
Dibromofluoromethane	98		75 - 120		07/28/21 16:11	1
1,2-Dichloroethane-d4 (Surr)	87		75 - 126		07/28/21 16:11	1
Toluene-d8 (Surr)	99		75 - 120		07/28/21 16:11	1



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August 13, 2021

Jessica Jacobson
910 Florence Lane
Hudson, WI 54016

Dear Jessica:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/25/21	7/19/21	1,441,490	62,450	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 910 Florence Ln / Raw

Lab Sample ID: 500-202626-11

Date Collected: 07/19/21 11:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 19:13	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 19:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 19:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 19:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 19:13	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 19:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 19:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 19:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 19:13	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 19:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 19:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 19:13	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 19:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 19:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 19:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 19:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 19:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 19:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 19:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 19:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 19:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 19:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 19:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 19:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 19:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 19:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 19:13	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 19:13	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 19:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 19:13	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 19:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 19:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 19:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 19:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 19:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 19:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 19:13	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 19:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 19:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 19:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 19:13	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 19:13	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 910 Florence Ln / Raw

Lab Sample ID: 500-202626-11

Date Collected: 07/19/21 11:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 19:13	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 19:13	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 19:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 19:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 19:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 19:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 19:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 19:13	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/28/21 19:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 19:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 19:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 19:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 19:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 19:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					07/28/21 19:13	1
Dibromofluoromethane	102		75 - 120					07/28/21 19:13	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					07/28/21 19:13	1
Toluene-d8 (Surr)	96		75 - 120					07/28/21 19:13	1



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August 13, 2021

Josh & Angie Swanson
940 Florence Lane
Hudson, WI 54016

Dear Josh & Angie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.5 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/10/21	7/15/21	706,500	81,380	1.5	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 940 Florence Ln / Raw

Lab Sample ID: 500-202626-3

Date Collected: 07/15/21 09:00

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 15:46	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 15:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 15:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 15:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 15:46	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 15:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 15:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 15:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 15:46	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 15:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 15:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 15:46	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 15:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 15:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 15:46	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 15:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 15:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 15:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 15:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 15:46	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 15:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 15:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 15:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 15:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 15:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 15:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 15:46	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 15:46	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 15:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 15:46	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 15:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 15:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 15:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 15:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 15:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 15:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 15:46	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 15:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 15:46	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 15:46	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 15:46	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 15:46	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 940 Florence Ln / Raw

Lab Sample ID: 500-202626-3

Date Collected: 07/15/21 09:00

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 15:46	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 15:46	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 15:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 15:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 15:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 15:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 15:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 15:46	1
Trichloroethylene	1.5		0.50	0.16	ug/L			07/28/21 15:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 15:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 15:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 15:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 15:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 15:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					07/28/21 15:46	1
Dibromofluoromethane	98		75 - 120					07/28/21 15:46	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126					07/28/21 15:46	1
Toluene-d8 (Surr)	98		75 - 120					07/28/21 15:46	1



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August 13, 2021

Brad Guth
949 LaBarge Rd
Hudson, WI 54016

Dear Brad:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.7 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. Toluene was detected in the Raw sample between the laboratory's Limit of Detection and Limit of Quantification for this compound. Therefore, this detection is an estimated quantity. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/29/21	7/19/21	793,290	75,350	1.7	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 949 Labarge Rd / Raw

Lab Sample ID: 500-202626-5

Date Collected: 07/19/21 09:00

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 16:38	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 16:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 16:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 16:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 16:38	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 16:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 16:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 16:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 16:38	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 16:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 16:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 16:38	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 16:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 16:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 16:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 16:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 16:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 16:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 16:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 16:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 16:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 16:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 16:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 16:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 16:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 16:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 16:38	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 16:38	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 16:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 16:38	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 16:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 16:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 16:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 16:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 16:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 16:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 16:38	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 16:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 16:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 16:38	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 16:38	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 16:38	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 949 Labarge Rd / Raw

Lab Sample ID: 500-202626-5

Date Collected: 07/19/21 09:00

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 16:38	1
Toluene	0.16	J	0.50	0.15	ug/L			07/28/21 16:38	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 16:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 16:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 16:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 16:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 16:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 16:38	1
Trichloroethylene	1.7		0.50	0.16	ug/L			07/28/21 16:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 16:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 16:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 16:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 16:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 16:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		07/28/21 16:38	1
Dibromofluoromethane	101		75 - 120		07/28/21 16:38	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 126		07/28/21 16:38	1
Toluene-d8 (Surr)	98		75 - 120		07/28/21 16:38	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 949 Labarge Rd / DW

Lab Sample ID: 500-202626-6

Date Collected: 07/19/21 09:00

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 17:05	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 17:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 17:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 17:05	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 17:05	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 17:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 17:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 17:05	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 17:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 17:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 17:05	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 17:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 17:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 17:05	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 17:05	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 17:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 17:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 17:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 17:05	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 17:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 17:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 17:05	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 17:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 17:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:05	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 17:05	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 17:05	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 17:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 17:05	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 17:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 17:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 17:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 17:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:05	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 17:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:05	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 17:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 17:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 17:05	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 17:05	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 17:05	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 949 Labarge Rd / DW

Lab Sample ID: 500-202626-6

Date Collected: 07/19/21 09:00

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 17:05	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 17:05	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 17:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 17:05	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 17:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 17:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 17:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 17:05	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/28/21 17:05	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 17:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 17:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 17:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 17:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 17:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		07/28/21 17:05	1
Dibromofluoromethane	99		75 - 120		07/28/21 17:05	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		07/28/21 17:05	1
Toluene-d8 (Surr)	97		75 - 120		07/28/21 17:05	1



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August 13, 2021

Carroll Sengbusch
954 Fraser Lane
Hudson, WI 54016

Dear Carol:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.7 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/17/21	7/15/21	337,060	39,200	1.7	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 954 Fraser Ln / Raw

Lab Sample ID: 500-202626-1

Date Collected: 07/15/21 08:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 14:54	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 14:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 14:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 14:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 14:54	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 14:54	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 14:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 14:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 14:54	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 14:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 14:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 14:54	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 14:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 14:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 14:54	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 14:54	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 14:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 14:54	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 14:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 14:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 14:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 14:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 14:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 14:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 14:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 14:54	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 14:54	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 14:54	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 14:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 14:54	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 14:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 14:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 14:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 14:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 14:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 14:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 14:54	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 14:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 14:54	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 14:54	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 14:54	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 14:54	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 954 Fraser Ln / Raw

Lab Sample ID: 500-202626-1

Date Collected: 07/15/21 08:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 14:54	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 14:54	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 14:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 14:54	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 14:54	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 14:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 14:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 14:54	1
Trichloroethylene	1.7		0.50	0.16	ug/L			07/28/21 14:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 14:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 14:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 14:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 14:54	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 14:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		07/28/21 14:54	1
Dibromofluoromethane	98		75 - 120		07/28/21 14:54	1
1,2-Dichloroethane-d4 (Surr)	85		75 - 126		07/28/21 14:54	1
Toluene-d8 (Surr)	98		75 - 120		07/28/21 14:54	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 954 Fraser Ln / DW

Lab Sample ID: 500-202626-2

Date Collected: 07/15/21 08:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/28/21 15:20	1
Benzene	<0.15		0.50	0.15	ug/L			07/28/21 15:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/28/21 15:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/28/21 15:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/28/21 15:20	1
Bromoform	<0.48		1.0	0.48	ug/L			07/28/21 15:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/28/21 15:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/28/21 15:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/28/21 15:20	1
Chloroform	<0.37		2.0	0.37	ug/L			07/28/21 15:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/28/21 15:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/28/21 15:20	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/28/21 15:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/28/21 15:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/28/21 15:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/28/21 15:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/28/21 15:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/28/21 15:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/28/21 15:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/28/21 15:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/28/21 15:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/28/21 15:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/28/21 15:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/28/21 15:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/28/21 15:20	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/28/21 15:20	1
Bromomethane	<0.80		3.0	0.80	ug/L			07/28/21 15:20	1
Chloromethane	<0.32		1.0	0.32	ug/L			07/28/21 15:20	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/28/21 15:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/28/21 15:20	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			07/28/21 15:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/28/21 15:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/28/21 15:20	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/28/21 15:20	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/28/21 15:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/28/21 15:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 15:20	1
Styrene	<0.39		1.0	0.39	ug/L			07/28/21 15:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/28/21 15:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/28/21 15:20	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/28/21 15:20	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/28/21 15:20	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202626-1

Client Sample ID: 954 Fraser Ln / DW

Lab Sample ID: 500-202626-2

Date Collected: 07/15/21 08:30

Matrix: Water

Date Received: 07/21/21 09:50

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/28/21 15:20	1
Toluene	<0.15		0.50	0.15	ug/L			07/28/21 15:20	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/28/21 15:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/28/21 15:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/28/21 15:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/28/21 15:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/28/21 15:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/28/21 15:20	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/28/21 15:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/28/21 15:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/28/21 15:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/28/21 15:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/28/21 15:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/28/21 15:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/28/21 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124		07/28/21 15:20	1
Dibromofluoromethane	100		75 - 120		07/28/21 15:20	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		07/28/21 15:20	1
Toluene-d8 (Surr)	98		75 - 120		07/28/21 15:20	1



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July 30, 2021

Mike & Kristen Kjar
974 LaBarge Rd
Hudson, WI 54016

Dear Mike & Kristen:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.99 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone was detected in the raw water sample. This compound is a known lab contaminant; therefore, any low-level detections of this compound can be suspected as lab contamination.

The table below shows the results of the Raw sample only.

Filter Instal.-Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/5/21	7/8/21	1,311,060	92,420	0.99	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202148-1

Client Sample ID: 974 Labarge Rd / Raw

Lab Sample ID: 500-202148-1

Date Collected: 07/08/21 08:30

Matrix: Water

Date Received: 07/10/21 11:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J	10	1.7	ug/L			07/20/21 16:44	1
Benzene	<0.15		0.50	0.15	ug/L			07/20/21 16:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/20/21 16:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/20/21 16:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/20/21 16:44	1
Bromoform	<0.48		1.0	0.48	ug/L			07/20/21 16:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/20/21 16:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/20/21 16:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/20/21 16:44	1
Chloroform	<0.37		2.0	0.37	ug/L			07/20/21 16:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/20/21 16:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/20/21 16:44	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/20/21 16:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/20/21 16:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/20/21 16:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/20/21 16:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/20/21 16:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/20/21 16:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/20/21 16:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/20/21 16:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/20/21 16:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/20/21 16:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/20/21 16:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/20/21 16:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/20/21 16:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/20/21 16:44	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/20/21 16:44	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/20/21 16:44	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/20/21 16:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/20/21 16:44	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/20/21 16:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/20/21 16:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/20/21 16:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/20/21 16:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/20/21 16:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/20/21 16:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/20/21 16:44	1
Styrene	<0.39		1.0	0.39	ug/L			07/20/21 16:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/20/21 16:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/20/21 16:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/20/21 16:44	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/20/21 16:44	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-202148-1

Client Sample ID: 974 Labarge Rd / Raw

Lab Sample ID: 500-202148-1

Date Collected: 07/08/21 08:30

Matrix: Water

Date Received: 07/10/21 11:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/20/21 16:44	1
Toluene	<0.15		0.50	0.15	ug/L			07/20/21 16:44	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/20/21 16:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/20/21 16:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/20/21 16:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/20/21 16:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/20/21 16:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/20/21 16:44	1
Trichloroethylene	0.99		0.50	0.16	ug/L			07/20/21 16:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/20/21 16:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/20/21 16:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/20/21 16:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/20/21 16:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/20/21 16:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/20/21 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124		07/20/21 16:44	1
Dibromofluoromethane	110		75 - 120		07/20/21 16:44	1
1,2-Dichloroethane-d4 (Surr)	111		75 - 126		07/20/21 16:44	1
Toluene-d8 (Surr)	96		75 - 120		07/20/21 16:44	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202148-1

Client Sample ID: 974 Labarge Rd / DW

Lab Sample ID: 500-202148-2

Date Collected: 07/08/21 08:30

Matrix: Water

Date Received: 07/10/21 11:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/20/21 17:12	1
Benzene	<0.15		0.50	0.15	ug/L			07/20/21 17:12	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/20/21 17:12	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/20/21 17:12	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/20/21 17:12	1
Bromoform	<0.48		1.0	0.48	ug/L			07/20/21 17:12	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/20/21 17:12	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/20/21 17:12	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/20/21 17:12	1
Chloroform	<0.37		2.0	0.37	ug/L			07/20/21 17:12	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/20/21 17:12	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/20/21 17:12	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/20/21 17:12	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/20/21 17:12	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/20/21 17:12	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/20/21 17:12	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/20/21 17:12	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/20/21 17:12	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/20/21 17:12	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/20/21 17:12	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/20/21 17:12	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/20/21 17:12	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/20/21 17:12	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/20/21 17:12	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/20/21 17:12	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/20/21 17:12	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/20/21 17:12	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/20/21 17:12	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/20/21 17:12	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/20/21 17:12	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/20/21 17:12	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/20/21 17:12	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/20/21 17:12	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/20/21 17:12	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/20/21 17:12	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/20/21 17:12	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/20/21 17:12	1
Styrene	<0.39		1.0	0.39	ug/L			07/20/21 17:12	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/20/21 17:12	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/20/21 17:12	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/20/21 17:12	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/20/21 17:12	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-202148-1

Client Sample ID: 974 Labarge Rd / DW

Lab Sample ID: 500-202148-2

Date Collected: 07/08/21 08:30

Matrix: Water

Date Received: 07/10/21 11:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/20/21 17:12	1
Toluene	<0.15		0.50	0.15	ug/L			07/20/21 17:12	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/20/21 17:12	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/20/21 17:12	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/20/21 17:12	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/20/21 17:12	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/20/21 17:12	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/20/21 17:12	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/20/21 17:12	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/20/21 17:12	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/20/21 17:12	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/20/21 17:12	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/20/21 17:12	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/20/21 17:12	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/20/21 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124					07/20/21 17:12	1
Dibromofluoromethane	112		75 - 120					07/20/21 17:12	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 126					07/20/21 17:12	1
Toluene-d8 (Surr)	97		75 - 120					07/20/21 17:12	1



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July 20, 2021

Chris Wiesemeyer
674 Pine Timber Lane
Hudson, WI 54016

Dear Chris:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
6/17/21	6/29/21	1,187,620	149,560	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 674 Pine Timber Ln/Raw

Lab Sample ID: 500-201813-3

Date Collected: 06/29/21 13:00

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/09/21 18:21	1
Benzene	<0.15		0.50	0.15	ug/L			07/09/21 18:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/09/21 18:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/09/21 18:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/09/21 18:21	1
Bromoform	<0.48		1.0	0.48	ug/L			07/09/21 18:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/09/21 18:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/09/21 18:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/09/21 18:21	1
Chloroform	<0.37		2.0	0.37	ug/L			07/09/21 18:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/09/21 18:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/09/21 18:21	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/09/21 18:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/09/21 18:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/09/21 18:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/09/21 18:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/09/21 18:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/09/21 18:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/09/21 18:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/09/21 18:21	1
2,2-Dichloropropane	<0.44 *		1.0	0.44	ug/L			07/09/21 18:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/09/21 18:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/09/21 18:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/09/21 18:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/09/21 18:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/09/21 18:21	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/09/21 18:21	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/09/21 18:21	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/09/21 18:21	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/09/21 18:21	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/09/21 18:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/09/21 18:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/09/21 18:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/09/21 18:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/09/21 18:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/09/21 18:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 18:21	1
Styrene	<0.39		1.0	0.39	ug/L			07/09/21 18:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 18:21	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/09/21 18:21	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/09/21 18:21	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/09/21 18:21	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 674 Pine Timber Ln/Raw

Lab Sample ID: 500-201813-3

Date Collected: 06/29/21 13:00

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/09/21 18:21	1
Toluene	<0.15		0.50	0.15	ug/L			07/09/21 18:21	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/09/21 18:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/09/21 18:21	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/09/21 18:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/09/21 18:21	1
1,1,1-Trichloroethane	<0.38 *		1.0	0.38	ug/L			07/09/21 18:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/09/21 18:21	1
Trichloroethylene	1.4		0.50	0.16	ug/L			07/09/21 18:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/09/21 18:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/09/21 18:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/09/21 18:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/09/21 18:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/09/21 18:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/09/21 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		72 - 124					07/09/21 18:21	1
Dibromofluoromethane	100		75 - 120					07/09/21 18:21	1
1,2-Dichloroethane-d4 (Surr)	107		75 - 126					07/09/21 18:21	1
Toluene-d8 (Surr)	109		75 - 120					07/09/21 18:21	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 674 Pine Timber Ln/DW

Lab Sample ID: 500-201813-4

Date Collected: 06/29/21 13:00

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/09/21 18:46	1
Benzene	<0.15		0.50	0.15	ug/L			07/09/21 18:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/09/21 18:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/09/21 18:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/09/21 18:46	1
Bromoform	<0.48		1.0	0.48	ug/L			07/09/21 18:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/09/21 18:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/09/21 18:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/09/21 18:46	1
Chloroform	<0.37		2.0	0.37	ug/L			07/09/21 18:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/09/21 18:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/09/21 18:46	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/09/21 18:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/09/21 18:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/09/21 18:46	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/09/21 18:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/09/21 18:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/09/21 18:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/09/21 18:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/09/21 18:46	1
2,2-Dichloropropane	<0.44 *		1.0	0.44	ug/L			07/09/21 18:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/09/21 18:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/09/21 18:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/09/21 18:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/09/21 18:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/09/21 18:46	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/09/21 18:46	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/09/21 18:46	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/09/21 18:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/09/21 18:46	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/09/21 18:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/09/21 18:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/09/21 18:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/09/21 18:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/09/21 18:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/09/21 18:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 18:46	1
Styrene	<0.39		1.0	0.39	ug/L			07/09/21 18:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 18:46	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/09/21 18:46	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/09/21 18:46	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/09/21 18:46	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 674 Pine Timber Ln/DW

Lab Sample ID: 500-201813-4

Date Collected: 06/29/21 13:00

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/09/21 18:46	1
Toluene	<0.15		0.50	0.15	ug/L			07/09/21 18:46	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/09/21 18:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/09/21 18:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/09/21 18:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/09/21 18:46	1
1,1,1-Trichloroethane	<0.38 *		1.0	0.38	ug/L			07/09/21 18:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/09/21 18:46	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/09/21 18:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/09/21 18:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/09/21 18:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/09/21 18:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/09/21 18:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/09/21 18:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/09/21 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		72 - 124		07/09/21 18:46	1
Dibromofluoromethane	101		75 - 120		07/09/21 18:46	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		07/09/21 18:46	1
Toluene-d8 (Surr)	111		75 - 120		07/09/21 18:46	1



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July 20, 2021

Wendy & Troy Nyhus
760 Jack Avenue
Hudson, WI 54016

Dear Wendy & Troy:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 760 Jack Ave/Raw

Lab Sample ID: 500-201813-1

Date Collected: 06/29/21 08:30

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/09/21 17:31	1
Benzene	<0.15		0.50	0.15	ug/L			07/09/21 17:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/09/21 17:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/09/21 17:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/09/21 17:31	1
Bromoform	<0.48		1.0	0.48	ug/L			07/09/21 17:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/09/21 17:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/09/21 17:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/09/21 17:31	1
Chloroform	<0.37		2.0	0.37	ug/L			07/09/21 17:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/09/21 17:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/09/21 17:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/09/21 17:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/09/21 17:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/09/21 17:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/09/21 17:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/09/21 17:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/09/21 17:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/09/21 17:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/09/21 17:31	1
2,2-Dichloropropane	<0.44 *		1.0	0.44	ug/L			07/09/21 17:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/09/21 17:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/09/21 17:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/09/21 17:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/09/21 17:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/09/21 17:31	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/09/21 17:31	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/09/21 17:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/09/21 17:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/09/21 17:31	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/09/21 17:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/09/21 17:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/09/21 17:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/09/21 17:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/09/21 17:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/09/21 17:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 17:31	1
Styrene	<0.39		1.0	0.39	ug/L			07/09/21 17:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 17:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/09/21 17:31	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/09/21 17:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/09/21 17:31	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 760 Jack Ave/Raw

Lab Sample ID: 500-201813-1

Date Collected: 06/29/21 08:30

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/09/21 17:31	1
Toluene	<0.15		0.50	0.15	ug/L			07/09/21 17:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/09/21 17:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/09/21 17:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/09/21 17:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/09/21 17:31	1
1,1,1-Trichloroethane	<0.38 *		1.0	0.38	ug/L			07/09/21 17:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/09/21 17:31	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/09/21 17:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/09/21 17:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/09/21 17:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/09/21 17:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/09/21 17:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/09/21 17:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/09/21 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		72 - 124					07/09/21 17:31	1
Dibromofluoromethane	100		75 - 120					07/09/21 17:31	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 126					07/09/21 17:31	1
Toluene-d8 (Surr)	108		75 - 120					07/09/21 17:31	1



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July 20, 2021

Dustin & Vanessa Phillips
917 Gavin Pass
Hudson, WI 54016

Dear Dustin & Vanessa:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone was detected in the unfiltered water sample. This compound is a known lab contaminant, therefore, any low level detections of this compound could be detected as lab contamination.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 917 Gavin PWS/Raw

Lab Sample ID: 500-201813-2

Date Collected: 06/29/21 09:00

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.1	J	10	1.7	ug/L			07/09/21 17:56	1
Benzene	<0.15		0.50	0.15	ug/L			07/09/21 17:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/09/21 17:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/09/21 17:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/09/21 17:56	1
Bromoform	<0.48		1.0	0.48	ug/L			07/09/21 17:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/09/21 17:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/09/21 17:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/09/21 17:56	1
Chloroform	<0.37		2.0	0.37	ug/L			07/09/21 17:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/09/21 17:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/09/21 17:56	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/09/21 17:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/09/21 17:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/09/21 17:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/09/21 17:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/09/21 17:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/09/21 17:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/09/21 17:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/09/21 17:56	1
2,2-Dichloropropane	<0.44	*	1.0	0.44	ug/L			07/09/21 17:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/09/21 17:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/09/21 17:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/09/21 17:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/09/21 17:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/09/21 17:56	1
Methyl bromide	<0.80		3.0	0.80	ug/L			07/09/21 17:56	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/09/21 17:56	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/09/21 17:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/09/21 17:56	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/09/21 17:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/09/21 17:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/09/21 17:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/09/21 17:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/09/21 17:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/09/21 17:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 17:56	1
Styrene	<0.39		1.0	0.39	ug/L			07/09/21 17:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/09/21 17:56	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/09/21 17:56	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/09/21 17:56	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/09/21 17:56	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201813-1

Client Sample ID: 917 Gavin PWS/Raw

Lab Sample ID: 500-201813-2

Date Collected: 06/29/21 09:00

Matrix: Water

Date Received: 07/02/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/09/21 17:56	1
Toluene	<0.15		0.50	0.15	ug/L			07/09/21 17:56	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/09/21 17:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/09/21 17:56	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/09/21 17:56	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/09/21 17:56	1
1,1,1-Trichloroethane	<0.38 *		1.0	0.38	ug/L			07/09/21 17:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/09/21 17:56	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/09/21 17:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/09/21 17:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/09/21 17:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/09/21 17:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/09/21 17:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/09/21 17:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/09/21 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		72 - 124					07/09/21 17:56	1
Dibromofluoromethane	102		75 - 120					07/09/21 17:56	1
1,2-Dichloroethane-d4 (Surr)	110		75 - 126					07/09/21 17:56	1
Toluene-d8 (Surr)	108		75 - 120					07/09/21 17:56	1



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July 8, 2021

Tom & Theresa Geistfeld
816 Yellowstone Trail
Hudson, WI 54016

Dear Tom & Theresa:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 816 Yellowstone Trl Raw

Lab Sample ID: 500-201395-6

Date Collected: 06/22/21 10:30

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/03/21 05:38	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 05:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 05:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 05:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 05:38	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 05:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 05:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 05:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 05:38	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/21 05:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 05:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 05:38	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 05:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 05:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 05:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 05:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 05:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 05:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 05:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 05:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 05:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 05:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 05:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 05:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 05:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 05:38	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/03/21 05:38	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 05:38	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 05:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 05:38	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 05:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 05:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 05:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 05:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 05:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 05:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 05:38	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 05:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 05:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 05:38	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 05:38	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 05:38	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 816 Yellowstone Trl Raw

Lab Sample ID: 500-201395-6

Date Collected: 06/22/21 10:30

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 05:38	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 05:38	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 05:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 05:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 05:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 05:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 05:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 05:38	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/03/21 05:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/21 05:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 05:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 05:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 05:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 05:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					07/03/21 05:38	1
Dibromofluoromethane	111		75 - 120					07/03/21 05:38	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					07/03/21 05:38	1
Toluene-d8 (Surr)	96		75 - 120					07/03/21 05:38	1



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July 8, 2021

Phil Foltz
892 E Hwy 12
Hudson, WI 54016

Dear Phil:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water sourced from the Junker Landfill. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone and chloroform were detected in the unfiltered water. Acetone is a known lab contaminant and any low-detects of this compound should be suspected as lab contamination. Both compounds were detected below their specified preventive action limits and enforcement standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 892 Hwy 12 Raw

Lab Sample ID: 500-201395-3

Date Collected: 06/22/21 09:30

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J	10	1.7	ug/L			07/03/21 04:15	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 04:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 04:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 04:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 04:15	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 04:15	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 04:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 04:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 04:15	1
Chloroform	0.46	J	2.0	0.37	ug/L			07/03/21 04:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 04:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 04:15	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 04:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 04:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 04:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 04:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 04:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 04:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 04:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 04:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 04:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 04:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 04:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 04:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 04:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 04:15	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/03/21 04:15	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 04:15	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 04:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 04:15	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 04:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 04:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 04:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 04:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 04:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 04:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 04:15	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 04:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 04:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 04:15	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 04:15	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 04:15	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 892 Hwy 12 Raw

Lab Sample ID: 500-201395-3

Date Collected: 06/22/21 09:30

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 04:15	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 04:15	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 04:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 04:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 04:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 04:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 04:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 04:15	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/03/21 04:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/21 04:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 04:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 04:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 04:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 04:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					07/03/21 04:15	1
Dibromofluoromethane	113		75 - 120					07/03/21 04:15	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					07/03/21 04:15	1
Toluene-d8 (Surr)	97		75 - 120					07/03/21 04:15	1



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July 8, 2021

Chris & Erica Matson
896 Young Road
Hudson, WI 54016

Dear Chris & Erica:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 6.4 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), and above the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/6/21	6/22/21	1,759,050	88,770	6.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 896 Young Rd Raw

Lab Sample ID: 500-201395-4

Date Collected: 06/22/21 10:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/03/21 04:43	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 04:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 04:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 04:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 04:43	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 04:43	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 04:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 04:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 04:43	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/21 04:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 04:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 04:43	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 04:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 04:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 04:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 04:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 04:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 04:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 04:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 04:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 04:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 04:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 04:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 04:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 04:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 04:43	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/03/21 04:43	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 04:43	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 04:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 04:43	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 04:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 04:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 04:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 04:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 04:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 04:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 04:43	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 04:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 04:43	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 04:43	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 04:43	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 04:43	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 896 Young Rd Raw

Lab Sample ID: 500-201395-4

Date Collected: 06/22/21 10:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 04:43	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 04:43	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 04:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 04:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 04:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 04:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 04:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 04:43	1
Trichloroethylene	6.4		0.50	0.16	ug/L			07/03/21 04:43	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/21 04:43	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 04:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 04:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 04:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 04:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124					07/03/21 04:43	1
Dibromofluoromethane	113		75 - 120					07/03/21 04:43	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					07/03/21 04:43	1
Toluene-d8 (Surr)	96		75 - 120					07/03/21 04:43	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 896 Young Rd DW

Lab Sample ID: 500-201395-5

Date Collected: 06/22/21 10:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/03/21 05:10	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 05:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 05:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 05:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 05:10	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 05:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 05:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 05:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 05:10	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/21 05:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 05:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 05:10	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 05:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 05:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 05:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 05:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 05:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 05:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 05:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 05:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 05:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 05:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 05:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 05:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 05:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 05:10	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/03/21 05:10	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 05:10	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 05:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 05:10	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 05:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 05:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 05:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 05:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 05:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 05:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 05:10	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 05:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 05:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 05:10	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 05:10	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 05:10	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 896 Young Rd DW

Lab Sample ID: 500-201395-5

Date Collected: 06/22/21 10:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 05:10	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 05:10	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 05:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 05:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 05:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 05:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 05:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 05:10	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/03/21 05:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/21 05:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 05:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 05:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 05:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 05:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124					07/03/21 05:10	1
Dibromofluoromethane	113		75 - 120					07/03/21 05:10	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					07/03/21 05:10	1
Toluene-d8 (Surr)	96		75 - 120					07/03/21 05:10	1



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July 8, 2021

John & Cynthia Vyrostek
900 Chippewa Path
Hudson, WI 54016

Dear John & Cynthia:

Your groundwater results are reported as attached. The results show a detection of trichlorofluoromethane (R-11) at 0.45 ppb (micrograms per liter) in the unfiltered water. This is below the Preventive Action Limit (698 ppb), and below the Enforcement Standard (3490 ppb) established by the Wisconsin DNR. The concentration report was detected between the limit of detection and limit of quantification.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 900 Chippewa Path Raw

Lab Sample ID: 500-201395-1

Date Collected: 06/22/21 08:30

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/03/21 03:19	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 03:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 03:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 03:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 03:19	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 03:19	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 03:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 03:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 03:19	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/21 03:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 03:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 03:19	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 03:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 03:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 03:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 03:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 03:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 03:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 03:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 03:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 03:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 03:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 03:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 03:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 03:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 03:19	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/03/21 03:19	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 03:19	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 03:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 03:19	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 03:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 03:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 03:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 03:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 03:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 03:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 03:19	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 03:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 03:19	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 03:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 03:19	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 03:19	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 900 Chippewa Path Raw

Lab Sample ID: 500-201395-1

Date Collected: 06/22/21 08:30

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 03:19	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 03:19	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 03:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 03:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 03:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 03:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 03:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 03:19	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/03/21 03:19	1
Trichlorofluoromethane	0.45	J	1.0	0.43	ug/L			07/03/21 03:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 03:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 03:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 03:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 03:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124					07/03/21 03:19	1
Dibromofluoromethane	112		75 - 120					07/03/21 03:19	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126					07/03/21 03:19	1
Toluene-d8 (Surr)	96		75 - 120					07/03/21 03:19	1



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July 8, 2021

Amy Sofie
906 Chippewa Path
Hudson, WI 54016

Dear Amy:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 906 Chippewa Path Raw

Lab Sample ID: 500-201395-7

Date Collected: 06/22/21 11:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/03/21 06:06	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 06:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 06:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 06:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 06:06	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 06:06	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 06:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 06:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 06:06	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/21 06:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 06:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 06:06	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 06:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 06:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 06:06	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 06:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 06:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 06:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 06:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 06:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 06:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 06:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 06:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 06:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 06:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 06:06	1
Methyl bromide	<0.80	^c * F1	3.0	0.80	ug/L			07/03/21 06:06	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 06:06	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 06:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 06:06	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 06:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 06:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 06:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 06:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 06:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 06:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 06:06	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 06:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 06:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 06:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 06:06	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 06:06	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 906 Chippewa Path Raw

Lab Sample ID: 500-201395-7

Date Collected: 06/22/21 11:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 06:06	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 06:06	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 06:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 06:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 06:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 06:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 06:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 06:06	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/03/21 06:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/21 06:06	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 06:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 06:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 06:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 06:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		72 - 124					07/03/21 06:06	1
Dibromofluoromethane	112		75 - 120					07/03/21 06:06	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126					07/03/21 06:06	1
Toluene-d8 (Surr)	96		75 - 120					07/03/21 06:06	1



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July 8, 2021

Tim Foster
993 Scott Road
Hudson, WI 54016

Dear Tim:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 933 Scott Rd Raw

Lab Sample ID: 500-201395-2

Date Collected: 06/22/21 09:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/03/21 03:47	1
Benzene	<0.15		0.50	0.15	ug/L			07/03/21 03:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/03/21 03:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/03/21 03:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/03/21 03:47	1
Bromoform	<0.48		1.0	0.48	ug/L			07/03/21 03:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/03/21 03:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/03/21 03:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/03/21 03:47	1
Chloroform	<0.37		2.0	0.37	ug/L			07/03/21 03:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/03/21 03:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/03/21 03:47	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/03/21 03:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/03/21 03:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/03/21 03:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/03/21 03:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/03/21 03:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/03/21 03:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/03/21 03:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/03/21 03:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/03/21 03:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/03/21 03:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/03/21 03:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/03/21 03:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/03/21 03:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/03/21 03:47	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/03/21 03:47	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/03/21 03:47	1
Methylene bromide	<0.27		1.0	0.27	ug/L			07/03/21 03:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/03/21 03:47	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/03/21 03:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/03/21 03:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/03/21 03:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/03/21 03:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/03/21 03:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/03/21 03:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 03:47	1
Styrene	<0.39		1.0	0.39	ug/L			07/03/21 03:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/03/21 03:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/03/21 03:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/03/21 03:47	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/03/21 03:47	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-201395-1

Client Sample ID: 933 Scott Rd Raw

Lab Sample ID: 500-201395-2

Date Collected: 06/22/21 09:00

Matrix: Water

Date Received: 06/24/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/03/21 03:47	1
Toluene	<0.15		0.50	0.15	ug/L			07/03/21 03:47	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/03/21 03:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/03/21 03:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/03/21 03:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/03/21 03:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/03/21 03:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/03/21 03:47	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/03/21 03:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			07/03/21 03:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/03/21 03:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/03/21 03:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/03/21 03:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/03/21 03:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/03/21 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					07/03/21 03:47	1
Dibromofluoromethane	112		75 - 120					07/03/21 03:47	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126					07/03/21 03:47	1
Toluene-d8 (Surr)	97		75 - 120					07/03/21 03:47	1



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July 7, 2021

Sharon & John Janssen
786 McCutcheon Road
Hudson, WI 54016

Dear Sharon & John:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.35 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is below the Preventive Action Limit (0.5 ppb), and below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone was detected in the DW sample, this is a known lab contaminant. Therefore, any low-level detections of this compound can be suspected as lab contamination.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/19/21	6/21/21	1,567,840	76,930	0.35 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 786 McCutcheon Rd Raw

Lab Sample ID: 500-201199-1

Date Collected: 06/18/21 11:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 18:40	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 18:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 18:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 18:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 18:40	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 18:40	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 18:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 18:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 18:40	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 18:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 18:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 18:40	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 18:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 18:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 18:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 18:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 18:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 18:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 18:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 18:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 18:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 18:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 18:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 18:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 18:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 18:40	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 18:40	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 18:40	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 18:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 18:40	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 18:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 18:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 18:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 18:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 18:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 18:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 18:40	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 18:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 18:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 18:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 18:40	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 18:40	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 786 McCutcheon Rd Raw

Lab Sample ID: 500-201199-1

Date Collected: 06/18/21 11:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 18:40	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 18:40	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 18:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 18:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 18:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 18:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 18:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 18:40	1
Trichloroethylene	0.35	J	0.50	0.16	ug/L			07/01/21 18:40	1
Trichlorofluoromethane	<0.43	*	1.0	0.43	ug/L			07/01/21 18:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 18:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 18:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 18:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 18:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124		07/01/21 18:40	1
Dibromofluoromethane	113		75 - 120		07/01/21 18:40	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126		07/01/21 18:40	1
Toluene-d8 (Surr)	95		75 - 120		07/01/21 18:40	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 786 McCutcheon Rd DW

Lab Sample ID: 500-201199-2

Date Collected: 06/18/21 11:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.4	J	10	1.7	ug/L			07/01/21 19:08	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 19:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 19:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 19:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 19:08	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 19:08	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 19:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 19:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 19:08	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 19:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 19:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 19:08	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 19:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 19:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 19:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 19:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 19:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 19:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 19:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 19:08	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 19:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 19:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 19:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 19:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 19:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 19:08	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 19:08	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 19:08	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 19:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 19:08	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 19:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 19:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 19:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 19:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 19:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 19:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 19:08	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 19:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 19:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 19:08	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 19:08	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 19:08	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 786 McCutcheon Rd DW

Lab Sample ID: 500-201199-2

Date Collected: 06/18/21 11:30

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 19:08	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 19:08	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 19:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 19:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 19:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 19:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 19:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 19:08	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 19:08	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 19:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 19:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 19:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 19:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 19:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		07/01/21 19:08	1
Dibromofluoromethane	113		75 - 120		07/01/21 19:08	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126		07/01/21 19:08	1
Toluene-d8 (Surr)	97		75 - 120		07/01/21 19:08	1



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July 7, 2021

David Robson
1274 Hw 35 N
Hudson, WI 54016

Dear David:

The groundwater results for the community well at 905 Crane Hill Trail are reported as attached. The results show a detection of tetrachloroethylene (PCE) at 0.38 ppb (micrograms per liter) in the unfiltered water. This is below the Preventive Action Limit (0.5 ppb), and below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. This detection was also detected between the limit of detection and limit of quantitation.

Acetone was detected in the unfiltered water sample. This is a commonly known lab contaminant; therefore, any low-level detections of this compound may be suspected as lab contamination.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 905 Crane Hill Com. Well Raw

Lab Sample ID: 500-201199-3

Date Collected: 06/18/21 12:00

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	J	10	1.7	ug/L			07/01/21 19:36	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 19:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 19:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 19:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 19:36	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 19:36	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 19:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 19:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 19:36	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 19:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 19:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 19:36	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 19:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 19:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 19:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 19:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 19:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 19:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 19:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 19:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 19:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 19:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 19:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 19:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 19:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 19:36	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 19:36	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 19:36	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 19:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 19:36	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 19:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 19:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 19:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 19:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 19:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 19:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 19:36	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 19:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 19:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 19:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 19:36	1
Tetrachloroethylene	0.38	J	1.0	0.37	ug/L			07/01/21 19:36	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 905 Crane Hill Com. Well Raw

Lab Sample ID: 500-201199-3

Date Collected: 06/18/21 12:00

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 19:36	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 19:36	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 19:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 19:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 19:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 19:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 19:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 19:36	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 19:36	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 19:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 19:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 19:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 19:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 19:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		07/01/21 19:36	1
Dibromofluoromethane	111		75 - 120		07/01/21 19:36	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126		07/01/21 19:36	1
Toluene-d8 (Surr)	96		75 - 120		07/01/21 19:36	1



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July 29, 2021

Desiree & Alex Scholl
963 Prairie View Circle
Hudson, WI 54016

Dear Desiree & Alex:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 963 Prairie View Cir. Raw

Lab Sample ID: 500-201199-4

Date Collected: 06/18/21 12:15

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			07/01/21 20:04	1
Benzene	<0.15		0.50	0.15	ug/L			07/01/21 20:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			07/01/21 20:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			07/01/21 20:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			07/01/21 20:04	1
Bromoform	<0.48		1.0	0.48	ug/L			07/01/21 20:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			07/01/21 20:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			07/01/21 20:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			07/01/21 20:04	1
Chloroform	<0.37		2.0	0.37	ug/L			07/01/21 20:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			07/01/21 20:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			07/01/21 20:04	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			07/01/21 20:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			07/01/21 20:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			07/01/21 20:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			07/01/21 20:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			07/01/21 20:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			07/01/21 20:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			07/01/21 20:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			07/01/21 20:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			07/01/21 20:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			07/01/21 20:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			07/01/21 20:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			07/01/21 20:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			07/01/21 20:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			07/01/21 20:04	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			07/01/21 20:04	1
Methyl chloride	<0.32		1.0	0.32	ug/L			07/01/21 20:04	1
Methylene bromide	<0.27	*	1.0	0.27	ug/L			07/01/21 20:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			07/01/21 20:04	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			07/01/21 20:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			07/01/21 20:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			07/01/21 20:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			07/01/21 20:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			07/01/21 20:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			07/01/21 20:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 20:04	1
Styrene	<0.39		1.0	0.39	ug/L			07/01/21 20:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			07/01/21 20:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			07/01/21 20:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			07/01/21 20:04	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			07/01/21 20:04	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201199-1

Client Sample ID: 963 Prairie View Cir. Raw

Lab Sample ID: 500-201199-4

Date Collected: 06/18/21 12:15

Matrix: Water

Date Received: 06/22/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			07/01/21 20:04	1
Toluene	<0.15		0.50	0.15	ug/L			07/01/21 20:04	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			07/01/21 20:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			07/01/21 20:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			07/01/21 20:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			07/01/21 20:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			07/01/21 20:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			07/01/21 20:04	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			07/01/21 20:04	1
Trichlorofluoromethane	<0.43 *		1.0	0.43	ug/L			07/01/21 20:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			07/01/21 20:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			07/01/21 20:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			07/01/21 20:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			07/01/21 20:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			07/01/21 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124		07/01/21 20:04	1
Dibromofluoromethane	112		75 - 120		07/01/21 20:04	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126		07/01/21 20:04	1
Toluene-d8 (Surr)	95		75 - 120		07/01/21 20:04	1



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June 30, 2021

Richard & Colleen Wobse
815 Dove Court
Hudson, WI 54016

Dear Richard & Colleen:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene (TCE), tetrachloroethylene (PCE), trichlorofluoromethane (R-11), and toluene in the unfiltered water (Raw). TCE was detected at 4.7 ppb (micrograms per liter). This is above the Preventive Action Limit (PAL), 0.5 ppb, and the Enforcement Standard (ES), 5.0 ppb established by the Wisconsin DNR. PCE was detected at 0.62 ppb. This is above the PAL (0.5 ppb), but below the ES (5.0 ppb). R-11 was detected at 1.7 ppb. This is below the PAL (698 ppb), and below the ES (3,490 ppb). Toluene was detected at 0.27 ppb. This is below the PAL (160 ppb), and below the ES (800 ppb).

There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chlorof orm (ug/L)	Toluene
5/4/21	6/15/21	4,185,410	3,184,040	4.7	0.62 J	ND	ND	1.7	ND	0.27 J

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 815 Dove Court Raw

Lab Sample ID: 500-201094-5

Date Collected: 06/15/21 10:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 14:57	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 14:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 14:57	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 14:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 14:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 14:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 14:57	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 14:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 14:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 14:57	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 14:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 14:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 14:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 14:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 14:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 14:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 14:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 14:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 14:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 14:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 14:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 14:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 14:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:57	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 14:57	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 14:57	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 14:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 14:57	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 14:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 14:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 14:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 14:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 14:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:57	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 14:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 14:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 14:57	1
Tetrachloroethylene	0.62 J		1.0	0.37	ug/L			06/28/21 14:57	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 815 Dove Court Raw

Lab Sample ID: 500-201094-5

Date Collected: 06/15/21 10:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 14:57	1
Toluene	0.27	J	0.50	0.15	ug/L			06/28/21 14:57	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 14:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 14:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 14:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 14:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 14:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 14:57	1
Trichloroethylene	4.7		0.50	0.16	ug/L			06/28/21 14:57	1
Trichlorofluoromethane	1.7		1.0	0.43	ug/L			06/28/21 14:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 14:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 14:57	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 14:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		06/28/21 14:57	1
Dibromofluoromethane	99		75 - 120		06/28/21 14:57	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		06/28/21 14:57	1
Toluene-d8 (Surr)	98		75 - 120		06/28/21 14:57	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 815 Dove Court DW

Lab Sample ID: 500-201094-6

Date Collected: 06/15/21 10:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 15:24	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 15:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 15:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 15:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 15:24	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 15:24	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 15:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 15:24	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 15:24	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 15:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 15:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 15:24	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 15:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 15:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 15:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 15:24	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 15:24	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 15:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 15:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 15:24	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 15:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 15:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 15:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 15:24	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 15:24	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 15:24	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 15:24	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 15:24	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 15:24	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 15:24	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 15:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 15:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 15:24	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 15:24	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 15:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 15:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 15:24	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 15:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 15:24	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 15:24	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 15:24	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/28/21 15:24	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 815 Dove Court DW

Lab Sample ID: 500-201094-6

Date Collected: 06/15/21 10:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 15:24	1
Toluene	<0.15		0.50	0.15	ug/L			06/28/21 15:24	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 15:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 15:24	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 15:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 15:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 15:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 15:24	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/28/21 15:24	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/28/21 15:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 15:24	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 15:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 15:24	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 15:24	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		06/28/21 15:24	1
Dibromofluoromethane	102		75 - 120		06/28/21 15:24	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		06/28/21 15:24	1
Toluene-d8 (Surr)	96		75 - 120		06/28/21 15:24	1



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June 30, 2021

Adam & Jennifer Chandler
914 Chippewa Path
Hudson, WI 54016

Dear Adam & Jennifer:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 914 Chippewa Path Raw

Lab Sample ID: 500-201094-1

Date Collected: 06/15/21 08:30

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 13:10	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 13:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 13:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 13:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 13:10	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 13:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 13:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 13:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 13:10	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 13:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 13:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 13:10	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 13:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 13:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 13:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 13:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 13:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 13:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 13:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 13:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 13:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 13:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 13:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 13:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 13:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 13:10	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 13:10	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 13:10	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 13:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 13:10	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 13:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 13:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 13:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 13:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 13:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 13:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 13:10	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 13:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 13:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 13:10	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 13:10	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/28/21 13:10	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 914 Chippewa Path Raw

Lab Sample ID: 500-201094-1

Date Collected: 06/15/21 08:30

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 13:10	1
Toluene	<0.15		0.50	0.15	ug/L			06/28/21 13:10	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 13:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 13:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 13:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 13:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 13:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 13:10	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/28/21 13:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/28/21 13:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 13:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 13:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 13:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 13:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					06/28/21 13:10	1
Dibromofluoromethane	98		75 - 120					06/28/21 13:10	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					06/28/21 13:10	1
Toluene-d8 (Surr)	99		75 - 120					06/28/21 13:10	1



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June 30, 2021

Ed & Susan Hastreiter
927 Fraser Lane
Hudson, WI 54016

Dear Ed & Susan:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.62 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/19/21	6/15/21	991,580	112,920	0.62	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 927 Fraser Ln Raw

Lab Sample ID: 500-201094-2

Date Collected: 06/15/21 09:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 13:37	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 13:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 13:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 13:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 13:37	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 13:37	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 13:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 13:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 13:37	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 13:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 13:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 13:37	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 13:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 13:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 13:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 13:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 13:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 13:37	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 13:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 13:37	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 13:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 13:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 13:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 13:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 13:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 13:37	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 13:37	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 13:37	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 13:37	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 13:37	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 13:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 13:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 13:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 13:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 13:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 13:37	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 13:37	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 13:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 13:37	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 13:37	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 13:37	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/28/21 13:37	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 927 Fraser Ln Raw

Lab Sample ID: 500-201094-2

Date Collected: 06/15/21 09:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 13:37	1
Toluene	<0.15		0.50	0.15	ug/L			06/28/21 13:37	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 13:37	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 13:37	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 13:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 13:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 13:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 13:37	1
Trichloroethylene	0.62		0.50	0.16	ug/L			06/28/21 13:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/28/21 13:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 13:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 13:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 13:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 13:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		06/28/21 13:37	1
Dibromofluoromethane	100		75 - 120		06/28/21 13:37	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 126		06/28/21 13:37	1
Toluene-d8 (Surr)	98		75 - 120		06/28/21 13:37	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 927 Fraser Ln DW

Lab Sample ID: 500-201094-3

Date Collected: 06/15/21 09:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 14:04	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 14:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 14:04	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 14:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 14:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 14:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 14:04	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 14:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 14:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 14:04	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 14:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 14:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 14:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 14:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 14:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 14:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 14:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 14:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 14:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 14:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 14:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 14:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 14:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:04	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 14:04	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 14:04	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 14:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 14:04	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 14:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 14:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 14:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 14:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 14:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:04	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 14:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 14:04	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 14:04	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/28/21 14:04	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 927 Fraser Ln DW

Lab Sample ID: 500-201094-3

Date Collected: 06/15/21 09:00

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 14:04	1
Toluene	<0.15		0.50	0.15	ug/L			06/28/21 14:04	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 14:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 14:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 14:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 14:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 14:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 14:04	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/28/21 14:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 14:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 14:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 14:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		06/28/21 14:04	1
Dibromofluoromethane	100		75 - 120		06/28/21 14:04	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		06/28/21 14:04	1
Toluene-d8 (Surr)	98		75 - 120		06/28/21 14:04	1



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June 30, 2021

Justin & Stephanie Schoepke
942 Alexander Road
Hudson, WI 54016

Dear Justin & Stephanie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.7 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 942 Alexander Rd Raw

Lab Sample ID: 500-201094-4

Date Collected: 06/15/21 09:30

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 14:31	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 14:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 14:31	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 14:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 14:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 14:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 14:31	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 14:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 14:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 14:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 14:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 14:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 14:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 14:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 14:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 14:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 14:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 14:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 14:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 14:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 14:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 14:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 14:31	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 14:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 14:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 14:31	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 14:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 14:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 14:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 14:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 14:31	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/28/21 14:31	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 942 Alexander Rd Raw

Lab Sample ID: 500-201094-4

Date Collected: 06/15/21 09:30

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 14:31	1
Toluene	<0.15		0.50	0.15	ug/L			06/28/21 14:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 14:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 14:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 14:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 14:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 14:31	1
Trichloroethylene	1.7		0.50	0.16	ug/L			06/28/21 14:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 14:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 14:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 14:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		06/28/21 14:31	1
Dibromofluoromethane	99		75 - 120		06/28/21 14:31	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		06/28/21 14:31	1
Toluene-d8 (Surr)	99		75 - 120		06/28/21 14:31	1



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June 25, 2021

DJ Walling
704 Paul Burch Dr.
Hudson, WI 54016

Dear DJ:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.9 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/5/21	6/4/21	1,450,610	100,850	0.9	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 704 Paul Burch Dr. Raw

Lab Sample ID: 500-200319-1

Date Collected: 06/04/21 08:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 01:18	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 01:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 01:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 01:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 01:18	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 01:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 01:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 01:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 01:18	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 01:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 01:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 01:18	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 01:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 01:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 01:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 01:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 01:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 01:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 01:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 01:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 01:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 01:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 01:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 01:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 01:18	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 01:18	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 01:18	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 01:18	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 01:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 01:18	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 01:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 01:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 01:18	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 01:18	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 01:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 01:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 01:18	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 01:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 01:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 01:18	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 01:18	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 01:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 704 Paul Burch Dr. Raw

Lab Sample ID: 500-200319-1

Date Collected: 06/04/21 08:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 01:18	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 01:18	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 01:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 01:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 01:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 01:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 01:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 01:18	1
Trichloroethylene	0.90		0.50	0.16	ug/L			06/17/21 01:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 01:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 01:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 01:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 01:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 01:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124					06/17/21 01:18	1
Dibromofluoromethane	95		75 - 120					06/17/21 01:18	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					06/17/21 01:18	1
Toluene-d8 (Surr)	104		75 - 120					06/17/21 01:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 704 Paul Burch Dr. DW

Lab Sample ID: 500-200319-2

Date Collected: 06/04/21 08:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 01:44	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 01:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 01:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 01:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 01:44	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 01:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 01:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 01:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 01:44	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 01:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 01:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 01:44	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 01:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 01:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 01:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 01:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 01:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 01:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 01:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 01:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 01:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 01:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 01:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 01:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 01:44	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 01:44	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 01:44	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 01:44	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 01:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 01:44	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 01:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 01:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 01:44	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 01:44	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 01:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 01:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 01:44	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 01:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 01:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 01:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 01:44	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 01:44	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 704 Paul Burch Dr. DW

Lab Sample ID: 500-200319-2

Date Collected: 06/04/21 08:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 01:44	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 01:44	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 01:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 01:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 01:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 01:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 01:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 01:44	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/17/21 01:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 01:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 01:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 01:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 01:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 01:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		06/17/21 01:44	1
Dibromofluoromethane	95		75 - 120		06/17/21 01:44	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		06/17/21 01:44	1
Toluene-d8 (Surr)	103		75 - 120		06/17/21 01:44	1



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June 25, 2021

Kelly & Jennifer Wendlandt
814 Dove Court
Hudson, WI 54016

Dear Kelly & Jennifer:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.5 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/13/21	6/4/21	1,775,390	111,490	1.5	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 814 Dove Ct. Raw

Lab Sample ID: 500-200319-9

Date Collected: 06/04/21 10:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 04:40	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 04:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 04:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 04:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 04:40	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 04:40	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 04:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 04:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 04:40	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 04:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 04:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 04:40	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 04:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 04:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 04:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 04:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 04:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 04:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 04:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 04:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 04:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 04:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 04:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 04:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 04:40	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 04:40	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 04:40	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 04:40	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 04:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 04:40	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 04:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 04:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 04:40	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 04:40	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 04:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 04:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 04:40	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 04:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 04:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 04:40	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 04:40	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 04:40	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 814 Dove Ct. Raw

Lab Sample ID: 500-200319-9

Date Collected: 06/04/21 10:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 04:40	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 04:40	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 04:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 04:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 04:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 04:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 04:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 04:40	1
Trichloroethylene	1.5		0.50	0.16	ug/L			06/17/21 04:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 04:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 04:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 04:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 04:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 04:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		06/17/21 04:40	1
Dibromofluoromethane	95		75 - 120		06/17/21 04:40	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		06/17/21 04:40	1
Toluene-d8 (Surr)	102		75 - 120		06/17/21 04:40	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 814 Dove Ct. DW

Lab Sample ID: 500-200319-10

Date Collected: 06/04/21 10:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 05:06	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 05:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 05:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 05:06	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 05:06	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 05:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 05:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 05:06	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 05:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 05:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 05:06	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 05:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 05:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 05:06	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 05:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 05:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 05:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 05:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 05:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 05:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 05:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 05:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 05:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 05:06	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:06	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 05:06	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 05:06	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 05:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 05:06	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 05:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 05:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 05:06	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 05:06	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 05:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:06	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 05:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 05:06	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 05:06	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 05:06	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 814 Dove Ct. DW

Lab Sample ID: 500-200319-10

Date Collected: 06/04/21 10:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 05:06	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 05:06	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 05:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 05:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 05:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 05:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 05:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 05:06	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/17/21 05:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 05:06	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 05:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 05:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 05:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124					06/17/21 05:06	1
Dibromofluoromethane	96		75 - 120					06/17/21 05:06	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					06/17/21 05:06	1
Toluene-d8 (Surr)	102		75 - 120					06/17/21 05:06	1



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June 25, 2021

Brad Hubert
880 Hillside Trail
Hudson, WI 54016

Dear Brad:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.49 ppb (micrograms per liter) in the unfiltered water (Raw). This is below the Preventive Action Limit (0.5 ppb) and the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/13/21	6/4/21	344,430	131,200	0.49 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 880 Hillside Trl. Raw

Lab Sample ID: 500-200319-7

Date Collected: 06/04/21 10:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 03:50	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 03:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 03:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 03:50	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 03:50	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 03:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 03:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 03:50	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 03:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 03:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 03:50	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 03:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 03:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 03:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 03:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 03:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 03:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 03:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 03:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 03:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 03:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 03:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 03:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 03:50	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:50	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 03:50	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 03:50	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 03:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 03:50	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 03:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 03:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 03:50	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 03:50	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 03:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:50	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 03:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:50	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 03:50	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 03:50	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 03:50	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 880 Hillside Trl. Raw

Lab Sample ID: 500-200319-7

Date Collected: 06/04/21 10:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 03:50	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 03:50	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 03:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 03:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 03:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 03:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 03:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 03:50	1
Trichloroethylene	0.49	J	0.50	0.16	ug/L			06/17/21 03:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 03:50	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 03:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 03:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 03:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124					06/17/21 03:50	1
Dibromofluoromethane	96		75 - 120					06/17/21 03:50	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					06/17/21 03:50	1
Toluene-d8 (Surr)	102		75 - 120					06/17/21 03:50	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 880 Hillside Trl. DW

Lab Sample ID: 500-200319-8

Date Collected: 06/04/21 10:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 04:15	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 04:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 04:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 04:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 04:15	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 04:15	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 04:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 04:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 04:15	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 04:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 04:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 04:15	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 04:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 04:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 04:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 04:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 04:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 04:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 04:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 04:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 04:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 04:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 04:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 04:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 04:15	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 04:15	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 04:15	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 04:15	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 04:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 04:15	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 04:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 04:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 04:15	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 04:15	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 04:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 04:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 04:15	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 04:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 04:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 04:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 04:15	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 04:15	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 880 Hillside Trl. DW

Lab Sample ID: 500-200319-8

Date Collected: 06/04/21 10:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 04:15	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 04:15	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 04:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 04:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 04:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 04:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 04:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 04:15	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/17/21 04:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 04:15	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 04:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 04:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 04:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 04:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		06/17/21 04:15	1
Dibromofluoromethane	96		75 - 120		06/17/21 04:15	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		06/17/21 04:15	1
Toluene-d8 (Surr)	102		75 - 120		06/17/21 04:15	1



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June 25, 2021

Tony & Lori Jurek
884 Young Road
Hudson, WI 54016

Dear Tony & Lori:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 5.2 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) and the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/13/21	6/4/21	1,636,650	60,050	5.2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 884 Young Rd. Raw

Lab Sample ID: 500-200319-5

Date Collected: 06/04/21 09:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 03:00	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 03:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 03:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 03:00	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 03:00	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 03:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 03:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 03:00	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 03:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 03:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 03:00	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 03:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 03:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 03:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 03:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 03:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 03:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 03:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 03:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 03:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 03:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 03:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 03:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 03:00	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:00	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 03:00	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 03:00	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 03:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 03:00	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 03:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 03:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 03:00	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 03:00	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 03:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:00	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 03:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:00	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 03:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 03:00	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 03:00	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 884 Young Rd. Raw

Lab Sample ID: 500-200319-5

Date Collected: 06/04/21 09:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 03:00	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 03:00	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 03:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 03:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 03:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 03:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 03:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 03:00	1
Trichloroethylene	5.2		0.50	0.16	ug/L			06/17/21 03:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 03:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 03:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 03:00	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 03:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124					06/17/21 03:00	1
Dibromofluoromethane	96		75 - 120					06/17/21 03:00	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					06/17/21 03:00	1
Toluene-d8 (Surr)	102		75 - 120					06/17/21 03:00	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 884 Young Rd. DW

Lab Sample ID: 500-200319-6

Date Collected: 06/04/21 09:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 03:25	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 03:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 03:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 03:25	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 03:25	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 03:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 03:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 03:25	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 03:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 03:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 03:25	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 03:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 03:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 03:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 03:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 03:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 03:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 03:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 03:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 03:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 03:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 03:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 03:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 03:25	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:25	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 03:25	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 03:25	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 03:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 03:25	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 03:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 03:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 03:25	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 03:25	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 03:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:25	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 03:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 03:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 03:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 03:25	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 03:25	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 884 Young Rd. DW

Lab Sample ID: 500-200319-6

Date Collected: 06/04/21 09:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 03:25	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 03:25	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 03:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 03:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 03:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 03:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 03:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 03:25	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/17/21 03:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 03:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 03:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 03:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 03:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 03:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					06/17/21 03:25	1
Dibromofluoromethane	95		75 - 120					06/17/21 03:25	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					06/17/21 03:25	1
Toluene-d8 (Surr)	103		75 - 120					06/17/21 03:25	1



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www.cedarcorp.com

June 25, 2021

Pete & Janine Wildes
887 Young Road
Hudson, WI 54016

Dear Pete & Janine:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.9 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/12/21	6/4/21	1,312,370	71,560	1.9	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 887 Young Rd. Raw

Lab Sample ID: 500-200319-11

Date Collected: 06/04/21 11:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 05:31	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 05:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 05:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 05:31	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 05:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 05:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 05:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 05:31	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 05:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 05:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 05:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 05:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 05:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 05:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 05:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 05:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 05:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 05:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 05:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 05:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 05:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 05:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 05:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 05:31	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:31	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 05:31	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 05:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 05:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 05:31	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 05:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 05:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 05:31	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 05:31	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 05:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:31	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 05:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 05:31	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 05:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 05:31	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 887 Young Rd. Raw

Lab Sample ID: 500-200319-11

Date Collected: 06/04/21 11:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 05:31	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 05:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 05:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 05:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 05:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 05:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 05:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 05:31	1
Trichloroethylene	1.9		0.50	0.16	ug/L			06/17/21 05:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 05:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 05:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 05:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 05:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124		06/17/21 05:31	1
Dibromofluoromethane	97		75 - 120		06/17/21 05:31	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		06/17/21 05:31	1
Toluene-d8 (Surr)	103		75 - 120		06/17/21 05:31	1



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June 25, 2021

Cara Noren
941 Sadies Lane
Hudson, WI 54016

Dear Cara:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 2 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/5/21	6/4/21	2,410,630	55,960	2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 941 Sadies Ln. Raw

Lab Sample ID: 500-200319-3

Date Collected: 06/04/21 09:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 02:09	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 02:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 02:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 02:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 02:09	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 02:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 02:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 02:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 02:09	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 02:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 02:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 02:09	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 02:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 02:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 02:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 02:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 02:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 02:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 02:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 02:09	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 02:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 02:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 02:09	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 02:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 02:09	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 02:09	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 02:09	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 02:09	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 02:09	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 02:09	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 02:09	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 02:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 02:09	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 02:09	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 02:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 02:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 02:09	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 02:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 02:09	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 02:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 02:09	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 02:09	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 941 Sadies Ln. Raw

Lab Sample ID: 500-200319-3

Date Collected: 06/04/21 09:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 02:09	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 02:09	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 02:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 02:09	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 02:09	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 02:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 02:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 02:09	1
Trichloroethylene	2.0		0.50	0.16	ug/L			06/17/21 02:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 02:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 02:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 02:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 02:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 02:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		06/17/21 02:09	1
Dibromofluoromethane	95		75 - 120		06/17/21 02:09	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		06/17/21 02:09	1
Toluene-d8 (Surr)	103		75 - 120		06/17/21 02:09	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 941 Sadies Ln. DW

Lab Sample ID: 500-200319-4

Date Collected: 06/04/21 09:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 02:34	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 02:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 02:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 02:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 02:34	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 02:34	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 02:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 02:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 02:34	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 02:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 02:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 02:34	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 02:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 02:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 02:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 02:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 02:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 02:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 02:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 02:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 02:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 02:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 02:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 02:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 02:34	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 02:34	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 02:34	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 02:34	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 02:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 02:34	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 02:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 02:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 02:34	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 02:34	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 02:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 02:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 02:34	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 02:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 02:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 02:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 02:34	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 02:34	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 941 Sadies Ln. DW

Lab Sample ID: 500-200319-4

Date Collected: 06/04/21 09:00

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 02:34	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 02:34	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 02:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 02:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 02:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 02:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 02:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 02:34	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/17/21 02:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 02:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 02:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 02:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 02:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 02:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124					06/17/21 02:34	1
Dibromofluoromethane	95		75 - 120					06/17/21 02:34	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					06/17/21 02:34	1
Toluene-d8 (Surr)	102		75 - 120					06/17/21 02:34	1



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June 25, 2021

Eric & Mary Larson
970 Bakken Road
Hudson, WI 54016

Dear Eric & Mary:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.54 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/10/21	6/4/21	1,140,280	78,160	0.54	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 970 Bakken Rd. Raw

Lab Sample ID: 500-200319-12

Date Collected: 06/04/21 11:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 05:56	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 05:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 05:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 05:56	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 05:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 05:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 05:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 05:56	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 05:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 05:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 05:56	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 05:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 05:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 05:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 05:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 05:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 05:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 05:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 05:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 05:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 05:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 05:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 05:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 05:56	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:56	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 05:56	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 05:56	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 05:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 05:56	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 05:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/17/21 05:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 05:56	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 05:56	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 05:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:56	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 05:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 05:56	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 05:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 05:56	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 05:56	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 970 Bakken Rd. Raw

Lab Sample ID: 500-200319-12

Date Collected: 06/04/21 11:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 05:56	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 05:56	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 05:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 05:56	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/17/21 05:56	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/17/21 05:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 05:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 05:56	1
Trichloroethylene	0.54		0.50	0.16	ug/L			06/17/21 05:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 05:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 05:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 05:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 05:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 05:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 05:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					06/17/21 05:56	1
Dibromofluoromethane	95		75 - 120					06/17/21 05:56	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					06/17/21 05:56	1
Toluene-d8 (Surr)	103		75 - 120					06/17/21 05:56	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 970 Bakken Rd. DW

Lab Sample ID: 500-200319-13

Date Collected: 06/04/21 11:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/17/21 06:22	1
Benzene	<0.15		0.50	0.15	ug/L			06/17/21 06:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/17/21 06:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/17/21 06:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/17/21 06:22	1
Bromoform	<0.48		1.0	0.48	ug/L			06/17/21 06:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/17/21 06:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/17/21 06:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/17/21 06:22	1
Chloroform	<0.37		2.0	0.37	ug/L			06/17/21 06:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/17/21 06:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/17/21 06:22	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/17/21 06:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/17/21 06:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/17/21 06:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/17/21 06:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/17/21 06:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/17/21 06:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/17/21 06:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/17/21 06:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/17/21 06:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/17/21 06:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/17/21 06:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/17/21 06:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/17/21 06:22	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/17/21 06:22	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/17/21 06:22	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/17/21 06:22	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/17/21 06:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/17/21 06:22	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/17/21 06:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
Naphthalene	<0.34	F2	1.0	0.34	ug/L			06/17/21 06:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/17/21 06:22	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/17/21 06:22	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/17/21 06:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/17/21 06:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 06:22	1
Styrene	<0.39		1.0	0.39	ug/L			06/17/21 06:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/17/21 06:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/17/21 06:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/17/21 06:22	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/17/21 06:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-200319-1

Client Sample ID: 970 Bakken Rd. DW

Lab Sample ID: 500-200319-13

Date Collected: 06/04/21 11:30

Matrix: Water

Date Received: 06/08/21 09:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/17/21 06:22	1
Toluene	<0.15		0.50	0.15	ug/L			06/17/21 06:22	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/17/21 06:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/17/21 06:22	1
1,2,3-Trichlorobenzene	<0.46	F2	1.0	0.46	ug/L			06/17/21 06:22	1
1,2,4-Trichlorobenzene	<0.34	F2	1.0	0.34	ug/L			06/17/21 06:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/17/21 06:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/17/21 06:22	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/17/21 06:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/17/21 06:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/17/21 06:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/17/21 06:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/17/21 06:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/17/21 06:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/17/21 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124					06/17/21 06:22	1
Dibromofluoromethane	97		75 - 120					06/17/21 06:22	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					06/17/21 06:22	1
Toluene-d8 (Surr)	103		75 - 120					06/17/21 06:22	1



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June 22, 2021

Mark Packard
670 Pine Timber Lane
Hudson, WI 54016

Dear Mark:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 2.7 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/19/21	5/24/21	644,840	77,160	2.7	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199978-1

Client Sample ID: 670 Pine Timber Ln Raw

Lab Sample ID: 500-199978-1

Date Collected: 05/24/21 12:30

Matrix: Water

Date Received: 05/29/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/05/21 15:16	1
Benzene	<0.15		0.50	0.15	ug/L			06/05/21 15:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/05/21 15:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/05/21 15:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/05/21 15:16	1
Bromoform	<0.48		1.0	0.48	ug/L			06/05/21 15:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/05/21 15:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/05/21 15:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
Chloroethane	<0.51	^c *	1.0	0.51	ug/L			06/05/21 15:16	1
Chloroform	<0.37		2.0	0.37	ug/L			06/05/21 15:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/05/21 15:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/05/21 15:16	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/05/21 15:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/05/21 15:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/05/21 15:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/05/21 15:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/05/21 15:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/05/21 15:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/05/21 15:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/05/21 15:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/05/21 15:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/05/21 15:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/05/21 15:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/05/21 15:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/05/21 15:16	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/05/21 15:16	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/05/21 15:16	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/05/21 15:16	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/05/21 15:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/05/21 15:16	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/05/21 15:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/05/21 15:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/05/21 15:16	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/05/21 15:16	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/05/21 15:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/05/21 15:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/21 15:16	1
Styrene	<0.39		1.0	0.39	ug/L			06/05/21 15:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/21 15:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/05/21 15:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/05/21 15:16	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/05/21 15:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199978-1

Client Sample ID: 670 Pine Timber Ln Raw

Lab Sample ID: 500-199978-1

Date Collected: 05/24/21 12:30

Matrix: Water

Date Received: 05/29/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/05/21 15:16	1
Toluene	<0.15		0.50	0.15	ug/L			06/05/21 15:16	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/05/21 15:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/05/21 15:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/05/21 15:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/05/21 15:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/05/21 15:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/05/21 15:16	1
Trichloroethylene	2.7		0.50	0.16	ug/L			06/05/21 15:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/05/21 15:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/05/21 15:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/05/21 15:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/05/21 15:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/05/21 15:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/05/21 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		06/05/21 15:16	1
Dibromofluoromethane	109		75 - 120		06/05/21 15:16	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		06/05/21 15:16	1
Toluene-d8 (Surr)	100		75 - 120		06/05/21 15:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199978-1

Client Sample ID: 670 Pine Timber Ln DW

Lab Sample ID: 500-199978-2

Date Collected: 05/24/21 12:30

Matrix: Water

Date Received: 05/29/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/05/21 15:42	1
Benzene	<0.15		0.50	0.15	ug/L			06/05/21 15:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/05/21 15:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/05/21 15:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/05/21 15:42	1
Bromoform	<0.48		1.0	0.48	ug/L			06/05/21 15:42	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/05/21 15:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/05/21 15:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
Chloroethane	<0.51	^c *	1.0	0.51	ug/L			06/05/21 15:42	1
Chloroform	<0.37		2.0	0.37	ug/L			06/05/21 15:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/05/21 15:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/05/21 15:42	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/05/21 15:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/05/21 15:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/05/21 15:42	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/05/21 15:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/05/21 15:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/05/21 15:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/05/21 15:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/05/21 15:42	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/05/21 15:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/05/21 15:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/05/21 15:42	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/05/21 15:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/05/21 15:42	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/05/21 15:42	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/05/21 15:42	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/05/21 15:42	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/05/21 15:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/05/21 15:42	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/05/21 15:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/05/21 15:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/05/21 15:42	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/05/21 15:42	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/05/21 15:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/05/21 15:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/21 15:42	1
Styrene	<0.39		1.0	0.39	ug/L			06/05/21 15:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/05/21 15:42	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/05/21 15:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/05/21 15:42	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/05/21 15:42	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199978-1

Client Sample ID: 670 Pine Timber Ln DW

Lab Sample ID: 500-199978-2

Date Collected: 05/24/21 12:30

Matrix: Water

Date Received: 05/29/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/05/21 15:42	1
Toluene	<0.15		0.50	0.15	ug/L			06/05/21 15:42	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/05/21 15:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/05/21 15:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/05/21 15:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/05/21 15:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/05/21 15:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/05/21 15:42	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/05/21 15:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/05/21 15:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/05/21 15:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/05/21 15:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/05/21 15:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/05/21 15:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/05/21 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124					06/05/21 15:42	1
Dibromofluoromethane	107		75 - 120					06/05/21 15:42	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126					06/05/21 15:42	1
Toluene-d8 (Surr)	100		75 - 120					06/05/21 15:42	1



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June 22, 2021

Current Resident
903-B Fraser Lane
Hudson, WI 54016

Dear Current Resident:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Methylene chloride was detected in the DW sample. This compound is a known lab contaminant, therefore any low-level detections for this compound should be suspected as lab contamination.

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 903-B Fraser Ln DW

Lab Sample ID: 500-199620-5

Date Collected: 05/21/21 11:30

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/04/21 12:40	1
Benzene	<0.15		0.50	0.15	ug/L			06/04/21 12:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/04/21 12:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/04/21 12:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/04/21 12:40	1
Bromoform	<0.48		1.0	0.48	ug/L			06/04/21 12:40	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/04/21 12:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/04/21 12:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/04/21 12:40	1
Chloroform	<0.37		2.0	0.37	ug/L			06/04/21 12:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/04/21 12:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/04/21 12:40	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/04/21 12:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/04/21 12:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/04/21 12:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/04/21 12:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/04/21 12:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/04/21 12:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/04/21 12:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/04/21 12:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/04/21 12:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/04/21 12:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/04/21 12:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/04/21 12:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/04/21 12:40	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/04/21 12:40	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/04/21 12:40	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/04/21 12:40	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/04/21 12:40	1
Methylene Chloride	9.2		5.0	1.6	ug/L			06/04/21 12:40	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/04/21 12:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/04/21 12:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/04/21 12:40	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/04/21 12:40	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/04/21 12:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/04/21 12:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 12:40	1
Styrene	<0.39		1.0	0.39	ug/L			06/04/21 12:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 12:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/04/21 12:40	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/04/21 12:40	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/04/21 12:40	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 903-B Fraser Ln DW

Lab Sample ID: 500-199620-5

Date Collected: 05/21/21 11:30

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/04/21 12:40	1
Toluene	<0.15		0.50	0.15	ug/L			06/04/21 12:40	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/04/21 12:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/04/21 12:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/04/21 12:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/04/21 12:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/04/21 12:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/04/21 12:40	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/04/21 12:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/04/21 12:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/04/21 12:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/04/21 12:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/04/21 12:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/04/21 12:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/04/21 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					06/04/21 12:40	1
Dibromofluoromethane	86		75 - 120					06/04/21 12:40	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126					06/04/21 12:40	1
Toluene-d8 (Surr)	96		75 - 120					06/04/21 12:40	1



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June 22, 2021

Matthew Carlson & Melissa Clymer
930 Fraser Lane
Hudson, WI 54016

Dear Matthew & Melissa:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Methylene chloride was detected in the raw and DW samples. This compound is a known lab contaminant, therefore any low-level detections for this compound should be suspected as lab contamination.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/16/21	5/21/21	806,960	313,730	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 930 Fraser Ln Raw

Lab Sample ID: 500-199620-3

Date Collected: 05/21/21 10:30

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/04/21 11:45	1
Benzene	<0.15		0.50	0.15	ug/L			06/04/21 11:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/04/21 11:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/04/21 11:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/04/21 11:45	1
Bromoform	<0.48		1.0	0.48	ug/L			06/04/21 11:45	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/04/21 11:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/04/21 11:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/04/21 11:45	1
Chloroform	<0.37		2.0	0.37	ug/L			06/04/21 11:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/04/21 11:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/04/21 11:45	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/04/21 11:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/04/21 11:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/04/21 11:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/04/21 11:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/04/21 11:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/04/21 11:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/04/21 11:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/04/21 11:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/04/21 11:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/04/21 11:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/04/21 11:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/04/21 11:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/04/21 11:45	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/04/21 11:45	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/04/21 11:45	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/04/21 11:45	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/04/21 11:45	1
Methylene Chloride	8.1		5.0	1.6	ug/L			06/04/21 11:45	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/04/21 11:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/04/21 11:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/04/21 11:45	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/04/21 11:45	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/04/21 11:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/04/21 11:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 11:45	1
Styrene	<0.39		1.0	0.39	ug/L			06/04/21 11:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 11:45	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/04/21 11:45	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/04/21 11:45	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/04/21 11:45	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 930 Fraser Ln Raw

Lab Sample ID: 500-199620-3

Date Collected: 05/21/21 10:30

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/04/21 11:45	1
Toluene	<0.15		0.50	0.15	ug/L			06/04/21 11:45	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/04/21 11:45	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/04/21 11:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/04/21 11:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/04/21 11:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/04/21 11:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/04/21 11:45	1
Trichloroethylene	1.4		0.50	0.16	ug/L			06/04/21 11:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/04/21 11:45	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/04/21 11:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/04/21 11:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/04/21 11:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/04/21 11:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/04/21 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		06/04/21 11:45	1
Dibromofluoromethane	86		75 - 120		06/04/21 11:45	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		06/04/21 11:45	1
Toluene-d8 (Surr)	97		75 - 120		06/04/21 11:45	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 930 Fraser Ln DW

Lab Sample ID: 500-199620-4

Date Collected: 05/21/21 10:30

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/04/21 12:13	1
Benzene	<0.15		0.50	0.15	ug/L			06/04/21 12:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/04/21 12:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/04/21 12:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/04/21 12:13	1
Bromoform	<0.48		1.0	0.48	ug/L			06/04/21 12:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/04/21 12:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/04/21 12:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/04/21 12:13	1
Chloroform	<0.37		2.0	0.37	ug/L			06/04/21 12:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/04/21 12:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/04/21 12:13	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/04/21 12:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/04/21 12:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/04/21 12:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/04/21 12:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/04/21 12:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/04/21 12:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/04/21 12:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/04/21 12:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/04/21 12:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/04/21 12:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/04/21 12:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/04/21 12:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/04/21 12:13	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/04/21 12:13	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/04/21 12:13	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/04/21 12:13	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/04/21 12:13	1
Methylene Chloride	8.7		5.0	1.6	ug/L			06/04/21 12:13	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/04/21 12:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/04/21 12:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/04/21 12:13	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/04/21 12:13	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/04/21 12:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/04/21 12:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 12:13	1
Styrene	<0.39		1.0	0.39	ug/L			06/04/21 12:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 12:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/04/21 12:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/04/21 12:13	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/04/21 12:13	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 930 Fraser Ln DW

Lab Sample ID: 500-199620-4

Date Collected: 05/21/21 10:30

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/04/21 12:13	1
Toluene	<0.15		0.50	0.15	ug/L			06/04/21 12:13	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/04/21 12:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/04/21 12:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/04/21 12:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/04/21 12:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/04/21 12:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/04/21 12:13	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/04/21 12:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/04/21 12:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/04/21 12:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/04/21 12:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/04/21 12:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/04/21 12:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/04/21 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124		06/04/21 12:13	1
Dibromofluoromethane	87		75 - 120		06/04/21 12:13	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		06/04/21 12:13	1
Toluene-d8 (Surr)	96		75 - 120		06/04/21 12:13	1



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June 22, 2021

Tricia & John Ziebarth
970 Labarge Road
Hudson, WI 54016

Dear Tricia & John:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.3 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Methylene chloride was detected in the raw sample and acetone was detected in the DW sample. These compounds are known lab contaminants, therefore any low-level detections for these compounds should be suspected as lab contamination. Naphthalene was detected in the DW sample at a concentration between the limit of detection and limit of quantitation, or a level of uncertainty.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/5/21	5/21/21	1,051,360	209,060	1.3	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 970 Labarge Rd Raw

Lab Sample ID: 500-199620-1

Date Collected: 05/21/21 10:00

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/04/21 11:18	1
Benzene	<0.15		0.50	0.15	ug/L			06/04/21 11:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/04/21 11:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/04/21 11:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/04/21 11:18	1
Bromoform	<0.48		1.0	0.48	ug/L			06/04/21 11:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/04/21 11:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/04/21 11:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/04/21 11:18	1
Chloroform	<0.37		2.0	0.37	ug/L			06/04/21 11:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/04/21 11:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/04/21 11:18	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/04/21 11:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/04/21 11:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/04/21 11:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/04/21 11:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/04/21 11:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/04/21 11:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/04/21 11:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/04/21 11:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/04/21 11:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/04/21 11:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/04/21 11:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/04/21 11:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/04/21 11:18	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/04/21 11:18	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/04/21 11:18	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/04/21 11:18	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/04/21 11:18	1
Methylene Chloride	8.7		5.0	1.6	ug/L			06/04/21 11:18	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/04/21 11:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/04/21 11:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/04/21 11:18	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/04/21 11:18	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/04/21 11:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/04/21 11:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 11:18	1
Styrene	<0.39		1.0	0.39	ug/L			06/04/21 11:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/04/21 11:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/04/21 11:18	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/04/21 11:18	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/04/21 11:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 970 Labarge Rd Raw

Lab Sample ID: 500-199620-1

Date Collected: 05/21/21 10:00

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/04/21 11:18	1
Toluene	<0.15		0.50	0.15	ug/L			06/04/21 11:18	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/04/21 11:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/04/21 11:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/04/21 11:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/04/21 11:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/04/21 11:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/04/21 11:18	1
Trichloroethylene	1.3		0.50	0.16	ug/L			06/04/21 11:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/04/21 11:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/04/21 11:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/04/21 11:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/04/21 11:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/04/21 11:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/04/21 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		06/04/21 11:18	1
Dibromofluoromethane	86		75 - 120		06/04/21 11:18	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126		06/04/21 11:18	1
Toluene-d8 (Surr)	97		75 - 120		06/04/21 11:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 970 Labarge Rd DW

Lab Sample ID: 500-199620-2

Date Collected: 05/21/21 10:00

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.1	J	10	1.7	ug/L			06/03/21 15:16	1
Benzene	<0.15		0.50	0.15	ug/L			06/03/21 15:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/03/21 15:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/03/21 15:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/03/21 15:16	1
Bromoform	<0.48		1.0	0.48	ug/L			06/03/21 15:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/03/21 15:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/03/21 15:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
Chloroethane	<0.51	* ^c	1.0	0.51	ug/L			06/03/21 15:16	1
Chloroform	<0.37		2.0	0.37	ug/L			06/03/21 15:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/03/21 15:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/03/21 15:16	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/03/21 15:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/03/21 15:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/03/21 15:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/03/21 15:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/03/21 15:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/03/21 15:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/03/21 15:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/03/21 15:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/03/21 15:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/03/21 15:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/03/21 15:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/03/21 15:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/03/21 15:16	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/03/21 15:16	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/03/21 15:16	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/03/21 15:16	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/03/21 15:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/03/21 15:16	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/03/21 15:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
Naphthalene	0.34	J	1.0	0.34	ug/L			06/03/21 15:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/03/21 15:16	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/03/21 15:16	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/03/21 15:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/03/21 15:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/03/21 15:16	1
Styrene	<0.39		1.0	0.39	ug/L			06/03/21 15:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/03/21 15:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/03/21 15:16	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/03/21 15:16	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/03/21 15:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199620-1

Client Sample ID: 970 Labarge Rd DW

Lab Sample ID: 500-199620-2

Date Collected: 05/21/21 10:00

Matrix: Water

Date Received: 05/25/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/03/21 15:16	1
Toluene	<0.15		0.50	0.15	ug/L			06/03/21 15:16	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/03/21 15:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/03/21 15:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/03/21 15:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/03/21 15:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/03/21 15:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/03/21 15:16	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/03/21 15:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/03/21 15:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/03/21 15:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/03/21 15:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/03/21 15:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/03/21 15:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/03/21 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		06/03/21 15:16	1
Dibromofluoromethane	101		75 - 120		06/03/21 15:16	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		06/03/21 15:16	1
Toluene-d8 (Surr)	98		75 - 120		06/03/21 15:16	1



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June 21, 2021

Edmund & Ellen Murdzek
763 McCutcheon Rd
Hudson, WI 54016

Dear Edmund & Ellen:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/24/21	5/20/21	1,352,350	69,290	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 763 McCutcheon Rd Raw

Lab Sample ID: 500-199496-2

Date Collected: 05/20/21 09:15

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 17:19	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 17:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 17:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 17:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 17:19	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 17:19	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 17:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 17:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 17:19	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 17:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 17:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 17:19	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 17:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 17:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 17:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 17:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 17:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 17:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 17:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 17:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 17:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 17:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 17:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 17:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 17:19	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 17:19	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 17:19	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 17:19	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 17:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 17:19	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 17:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 17:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 17:19	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 17:19	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 17:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 17:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 17:19	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 17:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 17:19	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 17:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 17:19	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 17:19	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 763 McCutcheon Rd Raw

Lab Sample ID: 500-199496-2

Date Collected: 05/20/21 09:15

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 17:19	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 17:19	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 17:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 17:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 17:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 17:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 17:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 17:19	1
Trichloroethylene	1.4		0.50	0.16	ug/L			06/02/21 17:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 17:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 17:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 17:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 17:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 17:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124		06/02/21 17:19	1
Dibromofluoromethane	97		75 - 120		06/02/21 17:19	1
1,2-Dichloroethane-d4 (Surr)	106		75 - 126		06/02/21 17:19	1
Toluene-d8 (Surr)	103		75 - 120		06/02/21 17:19	1



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June 21, 2021

Josh Schommer
937 Sadie's Lane
Hudson, WI 54016

Dear Josh:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.6 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
4/6/21	5/21/21	1,541,940	-	1.6	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 937 Sadies Ln Raw

Lab Sample ID: 500-199496-1

Date Collected: 05/20/21 09:00

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 16:53	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 16:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 16:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 16:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 16:53	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 16:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 16:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 16:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 16:53	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 16:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 16:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 16:53	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 16:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 16:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 16:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 16:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 16:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 16:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 16:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 16:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 16:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 16:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 16:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 16:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 16:53	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 16:53	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 16:53	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 16:53	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 16:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 16:53	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 16:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 16:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 16:53	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 16:53	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 16:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 16:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 16:53	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 16:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 16:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 16:53	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 16:53	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 16:53	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 937 Sadies Ln Raw

Lab Sample ID: 500-199496-1

Date Collected: 05/20/21 09:00

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 16:53	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 16:53	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 16:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 16:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 16:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 16:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 16:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 16:53	1
Trichloroethylene	1.6		0.50	0.16	ug/L			06/02/21 16:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 16:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 16:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 16:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 16:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 16:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					06/02/21 16:53	1
Dibromofluoromethane	95		75 - 120					06/02/21 16:53	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126					06/02/21 16:53	1
Toluene-d8 (Surr)	101		75 - 120					06/02/21 16:53	1



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June 21, 2021

Mike Sletten
946 Sadies Lane
Hudson, WI 54016

Dear Mike:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 2.5 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. Methylene Chloride was detected in the unfiltered water at 2.4 ppb. Methylene Chloride is a known lab contaminant and all low levels for this compound should be suspected as lab contamination.

There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/12/21	5/20/21	935,000	63,310	2.5	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 946 Sadies Ln Raw

Lab Sample ID: 500-199496-3

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 06:09	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 06:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 06:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 06:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 06:09	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 06:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 06:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 06:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 06:09	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 06:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 06:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 06:09	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 06:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 06:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 06:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 06:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 06:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 06:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 06:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 06:09	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 06:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 06:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 06:09	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 06:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 06:09	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 06:09	1
Methyl bromide	<0.80	^c *	3.0	0.80	ug/L			06/02/21 06:09	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 06:09	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 06:09	1
Methylene Chloride	2.4 J		5.0	1.6	ug/L			06/02/21 06:09	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 06:09	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 06:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 06:09	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 06:09	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 06:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 06:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 06:09	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 06:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 06:09	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 06:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 06:09	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 06:09	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 946 Sadies Ln Raw

Lab Sample ID: 500-199496-3

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 06:09	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 06:09	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 06:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 06:09	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 06:09	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 06:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 06:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 06:09	1
Trichloroethylene	2.5		0.50	0.16	ug/L			06/02/21 06:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 06:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 06:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 06:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 06:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 06:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124		06/02/21 06:09	1
Dibromofluoromethane	106		75 - 120		06/02/21 06:09	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		06/02/21 06:09	1
Toluene-d8 (Surr)	99		75 - 120		06/02/21 06:09	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 946 Sadies Ln DW

Lab Sample ID: 500-199496-4

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 17:44	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 17:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 17:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 17:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 17:44	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 17:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 17:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 17:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 17:44	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 17:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 17:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 17:44	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 17:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 17:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 17:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 17:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 17:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 17:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 17:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 17:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 17:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 17:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 17:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 17:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 17:44	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 17:44	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 17:44	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 17:44	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 17:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 17:44	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 17:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 17:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 17:44	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 17:44	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 17:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 17:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 17:44	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 17:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 17:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 17:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 17:44	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 17:44	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 946 Sadies Ln DW

Lab Sample ID: 500-199496-4

Date Collected: 05/20/21 09:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 17:44	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 17:44	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 17:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 17:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 17:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 17:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 17:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 17:44	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/02/21 17:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 17:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 17:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 17:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 17:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 17:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124					06/02/21 17:44	1
Dibromofluoromethane	96		75 - 120					06/02/21 17:44	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 126					06/02/21 17:44	1
Toluene-d8 (Surr)	102		75 - 120					06/02/21 17:44	1



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June 21, 2021

Jeff & Shannon Welle
952 Florence Lane
Hudson, WI 54016

Dear Jeff & Shannon:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/22/21	5/20/21	3,566,980	163,810	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 952 Florence Ln Raw

Lab Sample ID: 500-199496-5

Date Collected: 05/20/21 10:00

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 18:10	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 18:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 18:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 18:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 18:10	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 18:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 18:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 18:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 18:10	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 18:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 18:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 18:10	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 18:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 18:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 18:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 18:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 18:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 18:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 18:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 18:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 18:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 18:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 18:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 18:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 18:10	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 18:10	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 18:10	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 18:10	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 18:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 18:10	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 18:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 18:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 18:10	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 18:10	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 18:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 18:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 18:10	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 18:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 18:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 18:10	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 18:10	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 18:10	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 952 Florence Ln Raw

Lab Sample ID: 500-199496-5

Date Collected: 05/20/21 10:00

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 18:10	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 18:10	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 18:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 18:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 18:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 18:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 18:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 18:10	1
Trichloroethylene	1.4		0.50	0.16	ug/L			06/02/21 18:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 18:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 18:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 18:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 18:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 18:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					06/02/21 18:10	1
Dibromofluoromethane	96		75 - 120					06/02/21 18:10	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					06/02/21 18:10	1
Toluene-d8 (Surr)	101		75 - 120					06/02/21 18:10	1



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June 21, 2021

Julie Johnson
960 Fraser Lane
Hudson, WI 54016

Dear Julie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.8 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/22/21	5/20/21	3,085,980	216,720	1.8	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 960 Fraser Ln Raw

Lab Sample ID: 500-199496-6

Date Collected: 05/20/21 10:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 18:36	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 18:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 18:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 18:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 18:36	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 18:36	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 18:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 18:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 18:36	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 18:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 18:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 18:36	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 18:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 18:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 18:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 18:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 18:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 18:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 18:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 18:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 18:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 18:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 18:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 18:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 18:36	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 18:36	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 18:36	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 18:36	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 18:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 18:36	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 18:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 18:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 18:36	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 18:36	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 18:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 18:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 18:36	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 18:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 18:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 18:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 18:36	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 18:36	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 960 Fraser Ln Raw

Lab Sample ID: 500-199496-6

Date Collected: 05/20/21 10:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 18:36	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 18:36	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 18:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 18:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 18:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 18:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 18:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 18:36	1
Trichloroethylene	1.8		0.50	0.16	ug/L			06/02/21 18:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 18:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 18:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 18:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 18:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 18:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		06/02/21 18:36	1
Dibromofluoromethane	97		75 - 120		06/02/21 18:36	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 126		06/02/21 18:36	1
Toluene-d8 (Surr)	103		75 - 120		06/02/21 18:36	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 960 Fraser Ln DW

Lab Sample ID: 500-199496-7

Date Collected: 05/20/21 10:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 19:02	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 19:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 19:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 19:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 19:02	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 19:02	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 19:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 19:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 19:02	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 19:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 19:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 19:02	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 19:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 19:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 19:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 19:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 19:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 19:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 19:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 19:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 19:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 19:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 19:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 19:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 19:02	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 19:02	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 19:02	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 19:02	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 19:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 19:02	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 19:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 19:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 19:02	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 19:02	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 19:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 19:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 19:02	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 19:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 19:02	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 19:02	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 19:02	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 19:02	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 960 Fraser Ln DW

Lab Sample ID: 500-199496-7

Date Collected: 05/20/21 10:30

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 19:02	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 19:02	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 19:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 19:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 19:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 19:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 19:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 19:02	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/02/21 19:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 19:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 19:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 19:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 19:02	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 19:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					06/02/21 19:02	1
Dibromofluoromethane	95		75 - 120					06/02/21 19:02	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126					06/02/21 19:02	1
Toluene-d8 (Surr)	102		75 - 120					06/02/21 19:02	1



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June 21, 2021

Jamie Zimmer
982 Drover Trail
Hudson, WI 54016

Dear Jamie:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/19/21	5/20/21	1,103,100	49,980	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 982 Drover Trl Raw

Lab Sample ID: 500-199496-8

Date Collected: 05/20/21 11:00

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/02/21 19:28	1
Benzene	<0.15		0.50	0.15	ug/L			06/02/21 19:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/02/21 19:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/02/21 19:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/02/21 19:28	1
Bromoform	<0.48		1.0	0.48	ug/L			06/02/21 19:28	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/02/21 19:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/02/21 19:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/02/21 19:28	1
Chloroform	<0.37		2.0	0.37	ug/L			06/02/21 19:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/02/21 19:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/02/21 19:28	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/02/21 19:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/02/21 19:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/02/21 19:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/02/21 19:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/02/21 19:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/02/21 19:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/02/21 19:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/02/21 19:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/02/21 19:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/02/21 19:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/02/21 19:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/02/21 19:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/02/21 19:28	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/02/21 19:28	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/02/21 19:28	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/02/21 19:28	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/02/21 19:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/02/21 19:28	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/02/21 19:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/02/21 19:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/02/21 19:28	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/02/21 19:28	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/02/21 19:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/02/21 19:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 19:28	1
Styrene	<0.39		1.0	0.39	ug/L			06/02/21 19:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/02/21 19:28	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/02/21 19:28	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/02/21 19:28	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/02/21 19:28	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-199496-1

Client Sample ID: 982 Drover Trl Raw

Lab Sample ID: 500-199496-8

Date Collected: 05/20/21 11:00

Matrix: Water

Date Received: 05/21/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/02/21 19:28	1
Toluene	<0.15		0.50	0.15	ug/L			06/02/21 19:28	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/02/21 19:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/02/21 19:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/02/21 19:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/02/21 19:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/02/21 19:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/02/21 19:28	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			06/02/21 19:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/02/21 19:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/02/21 19:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/02/21 19:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/02/21 19:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/02/21 19:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/02/21 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124					06/02/21 19:28	1
Dibromofluoromethane	96		75 - 120					06/02/21 19:28	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126					06/02/21 19:28	1
Toluene-d8 (Surr)	103		75 - 120					06/02/21 19:28	1



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May 25, 2021

Timothy & Vicki Hieb
693 Pine Timber Lane
Hudson, WI 54016

Dear Timothy & Vicki:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.1 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/8/20	5/5/21	1,035,290	53,410	1.1	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 693 Pine Timber Ln Raw

Lab Sample ID: 500-198805-3

Date Collected: 05/05/21 09:30

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			05/18/21 18:57	1
Benzene	<0.15		0.50	0.15	ug/L			05/18/21 18:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/18/21 18:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/18/21 18:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/18/21 18:57	1
Bromoform	<0.48		1.0	0.48	ug/L			05/18/21 18:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			05/18/21 18:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/18/21 18:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/18/21 18:57	1
Chloroform	<0.37		2.0	0.37	ug/L			05/18/21 18:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/18/21 18:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/18/21 18:57	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			05/18/21 18:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/18/21 18:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/18/21 18:57	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/18/21 18:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/18/21 18:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/18/21 18:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
1,2-Dichloropropane	<0.43 *		1.0	0.43	ug/L			05/18/21 18:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/18/21 18:57	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/18/21 18:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/18/21 18:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/18/21 18:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/18/21 18:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/18/21 18:57	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/18/21 18:57	1
Methyl bromide	<0.80		3.0	0.80	ug/L			05/18/21 18:57	1
Methyl chloride	<0.32		1.0	0.32	ug/L			05/18/21 18:57	1
Methylene bromide	<0.27		1.0	0.27	ug/L			05/18/21 18:57	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/18/21 18:57	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			05/18/21 18:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/18/21 18:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/18/21 18:57	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/18/21 18:57	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/18/21 18:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/18/21 18:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/21 18:57	1
Styrene	<0.39		1.0	0.39	ug/L			05/18/21 18:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/21 18:57	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/18/21 18:57	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/18/21 18:57	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			05/18/21 18:57	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 693 Pine Timber Ln Raw

Lab Sample ID: 500-198805-3

Date Collected: 05/05/21 09:30

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/21 18:57	1
Toluene	<0.15		0.50	0.15	ug/L			05/18/21 18:57	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			05/18/21 18:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/18/21 18:57	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/18/21 18:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/18/21 18:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/18/21 18:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/18/21 18:57	1
Trichloroethylene	1.1		0.50	0.16	ug/L			05/18/21 18:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/18/21 18:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/18/21 18:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/18/21 18:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/18/21 18:57	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/18/21 18:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/18/21 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		72 - 124		05/18/21 18:57	1
Dibromofluoromethane	94		75 - 120		05/18/21 18:57	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 126		05/18/21 18:57	1
Toluene-d8 (Surr)	100		75 - 120		05/18/21 18:57	1



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May 25, 2021

Brad McGhee
844 Hillside Trail
Hudson, WI 54016

Dear Brad:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/19/21	5/10/21	1,408,600	75,920	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-198931-1

Client Sample ID: 844 Hillside Trl Raw

Lab Sample ID: 500-198931-1

Date Collected: 05/10/21 09:00

Matrix: Water

Date Received: 05/11/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			05/21/21 19:00	1
Benzene	<0.15		0.50	0.15	ug/L			05/21/21 19:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/21/21 19:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/21/21 19:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/21/21 19:00	1
Bromoform	<0.48		1.0	0.48	ug/L			05/21/21 19:00	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			05/21/21 19:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/21/21 19:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/21/21 19:00	1
Chloroform	<0.37		2.0	0.37	ug/L			05/21/21 19:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/21/21 19:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/21/21 19:00	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			05/21/21 19:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/21/21 19:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/21/21 19:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/21/21 19:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/21/21 19:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/21/21 19:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/21/21 19:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/21/21 19:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/21/21 19:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/21/21 19:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/21/21 19:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/21/21 19:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/21/21 19:00	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/21/21 19:00	1
Methyl bromide	<0.80	F1	3.0	0.80	ug/L			05/21/21 19:00	1
Methyl chloride	<0.32		1.0	0.32	ug/L			05/21/21 19:00	1
Methylene bromide	<0.27		1.0	0.27	ug/L			05/21/21 19:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/21/21 19:00	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			05/21/21 19:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/21/21 19:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/21/21 19:00	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/21/21 19:00	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/21/21 19:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/21/21 19:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/21/21 19:00	1
Styrene	<0.39		1.0	0.39	ug/L			05/21/21 19:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/21/21 19:00	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/21/21 19:00	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/21/21 19:00	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			05/21/21 19:00	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-198931-1

Client Sample ID: 844 Hillside Trl Raw

Lab Sample ID: 500-198931-1

Date Collected: 05/10/21 09:00

Matrix: Water

Date Received: 05/11/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9	F1	10	1.9	ug/L			05/21/21 19:00	1
Toluene	<0.15		0.50	0.15	ug/L			05/21/21 19:00	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			05/21/21 19:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/21/21 19:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/21/21 19:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/21/21 19:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/21/21 19:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/21/21 19:00	1
Trichloroethylene	1.4		0.50	0.16	ug/L			05/21/21 19:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/21/21 19:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/21/21 19:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/21/21 19:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/21/21 19:00	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/21/21 19:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/21/21 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					05/21/21 19:00	1
Dibromofluoromethane	108		75 - 120					05/21/21 19:00	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126					05/21/21 19:00	1
Toluene-d8 (Surr)	99		75 - 120					05/21/21 19:00	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-198931-1

Client Sample ID: 844 Hillside Trl DW

Lab Sample ID: 500-198931-2

Date Collected: 05/10/21 09:00

Matrix: Water

Date Received: 05/11/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			05/21/21 19:28	1
Benzene	<0.15		0.50	0.15	ug/L			05/21/21 19:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/21/21 19:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/21/21 19:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/21/21 19:28	1
Bromoform	<0.48		1.0	0.48	ug/L			05/21/21 19:28	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			05/21/21 19:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/21/21 19:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/21/21 19:28	1
Chloroform	<0.37		2.0	0.37	ug/L			05/21/21 19:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/21/21 19:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/21/21 19:28	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			05/21/21 19:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/21/21 19:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/21/21 19:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/21/21 19:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/21/21 19:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/21/21 19:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/21/21 19:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/21/21 19:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/21/21 19:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/21/21 19:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/21/21 19:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/21/21 19:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/21/21 19:28	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/21/21 19:28	1
Methyl bromide	<0.80		3.0	0.80	ug/L			05/21/21 19:28	1
Methyl chloride	<0.32		1.0	0.32	ug/L			05/21/21 19:28	1
Methylene bromide	<0.27		1.0	0.27	ug/L			05/21/21 19:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/21/21 19:28	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			05/21/21 19:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/21/21 19:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/21/21 19:28	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/21/21 19:28	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/21/21 19:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/21/21 19:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/21/21 19:28	1
Styrene	<0.39		1.0	0.39	ug/L			05/21/21 19:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/21/21 19:28	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/21/21 19:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/21/21 19:28	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			05/21/21 19:28	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-198931-1

Client Sample ID: 844 Hillside Trl DW

Lab Sample ID: 500-198931-2

Date Collected: 05/10/21 09:00

Matrix: Water

Date Received: 05/11/21 10:25

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/21/21 19:28	1
Toluene	<0.15		0.50	0.15	ug/L			05/21/21 19:28	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			05/21/21 19:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/21/21 19:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/21/21 19:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/21/21 19:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/21/21 19:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/21/21 19:28	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			05/21/21 19:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/21/21 19:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/21/21 19:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/21/21 19:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/21/21 19:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/21/21 19:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/21/21 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					05/21/21 19:28	1
Dibromofluoromethane	108		75 - 120					05/21/21 19:28	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 126					05/21/21 19:28	1
Toluene-d8 (Surr)	98		75 - 120					05/21/21 19:28	1



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May 25, 2021

John McGrew & Kimberly Hanson
936 Florence Lane
Hudson, WI 54016

Dear John & Kimberly:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 2.3 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone was detected in the Raw water sample. Acetone is a known lab contaminant; therefore, all low level detects for this compound could be suspected as lab contamination.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/5/21	5/5/21	2,550,700	98,760	2.3 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 936 Florence Ln Raw

Lab Sample ID: 500-198805-1

Date Collected: 05/05/21 09:00

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J	10	1.7	ug/L			05/19/21 12:18	1
Benzene	<0.15		0.50	0.15	ug/L			05/19/21 12:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/21 12:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/21 12:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/21 12:18	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/21 12:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			05/19/21 12:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/21 12:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/21 12:18	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/21 12:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/21 12:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/21 12:18	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			05/19/21 12:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/21 12:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/21 12:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/21 12:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/19/21 12:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/21 12:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/21 12:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/21 12:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/21 12:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/21 12:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/21 12:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/21 12:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/21 12:18	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/21 12:18	1
Methyl bromide	<0.80	^c	3.0	0.80	ug/L			05/19/21 12:18	1
Methyl chloride	<0.32		1.0	0.32	ug/L			05/19/21 12:18	1
Methylene bromide	<0.27		1.0	0.27	ug/L			05/19/21 12:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/21 12:18	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			05/19/21 12:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/21 12:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/21 12:18	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/21 12:18	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/21 12:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/21 12:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/21 12:18	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/21 12:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/21 12:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/21 12:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/21 12:18	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			05/19/21 12:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 936 Florence Ln Raw

Lab Sample ID: 500-198805-1

Date Collected: 05/05/21 09:00

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/21 12:18	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/21 12:18	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			05/19/21 12:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/21 12:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/21 12:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/21 12:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/21 12:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/21 12:18	1
Trichloroethylene	1.9		0.50	0.16	ug/L			05/19/21 12:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/21 12:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/19/21 12:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/21 12:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/21 12:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/19/21 12:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/21 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		05/19/21 12:18	1
Dibromofluoromethane	109		75 - 120		05/19/21 12:18	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		05/19/21 12:18	1
Toluene-d8 (Surr)	94		75 - 120		05/19/21 12:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 936 Florence Ln DW

Lab Sample ID: 500-198805-2

Date Collected: 05/05/21 09:00

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			05/18/21 18:03	1
Benzene	<0.15		0.50	0.15	ug/L			05/18/21 18:03	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/18/21 18:03	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/18/21 18:03	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/18/21 18:03	1
Bromoform	<0.48		1.0	0.48	ug/L			05/18/21 18:03	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			05/18/21 18:03	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/18/21 18:03	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/18/21 18:03	1
Chloroform	<0.37		2.0	0.37	ug/L			05/18/21 18:03	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/18/21 18:03	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/18/21 18:03	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			05/18/21 18:03	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/18/21 18:03	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/18/21 18:03	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/18/21 18:03	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/18/21 18:03	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/18/21 18:03	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
1,2-Dichloropropane	<0.43 *		1.0	0.43	ug/L			05/18/21 18:03	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/18/21 18:03	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/18/21 18:03	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/18/21 18:03	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/18/21 18:03	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/18/21 18:03	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/18/21 18:03	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/18/21 18:03	1
Methyl bromide	<0.80		3.0	0.80	ug/L			05/18/21 18:03	1
Methyl chloride	<0.32		1.0	0.32	ug/L			05/18/21 18:03	1
Methylene bromide	<0.27		1.0	0.27	ug/L			05/18/21 18:03	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/18/21 18:03	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			05/18/21 18:03	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/18/21 18:03	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/18/21 18:03	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/18/21 18:03	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/18/21 18:03	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/18/21 18:03	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/21 18:03	1
Styrene	<0.39		1.0	0.39	ug/L			05/18/21 18:03	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/21 18:03	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/18/21 18:03	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/18/21 18:03	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			05/18/21 18:03	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 936 Florence Ln DW

Lab Sample ID: 500-198805-2

Date Collected: 05/05/21 09:00

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/21 18:03	1
Toluene	<0.15		0.50	0.15	ug/L			05/18/21 18:03	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			05/18/21 18:03	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/18/21 18:03	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/18/21 18:03	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/18/21 18:03	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/18/21 18:03	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/18/21 18:03	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			05/18/21 18:03	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/18/21 18:03	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/18/21 18:03	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/18/21 18:03	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/18/21 18:03	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/18/21 18:03	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/18/21 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		72 - 124					05/18/21 18:03	1
Dibromofluoromethane	95		75 - 120					05/18/21 18:03	1
1,2-Dichloroethane-d4 (Surr)	114		75 - 126					05/18/21 18:03	1
Toluene-d8 (Surr)	100		75 - 120					05/18/21 18:03	1



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May 25, 2021

Kenton & Tami Hove
976 Marcy's Court
Hudson, WI 54016

Dear Kenton & Tami:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
-	5/5/21	1,700,270	75,560	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 976 Marcys Ct Raw

Lab Sample ID: 500-198805-4

Date Collected: 05/05/21 10:00

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			05/18/21 19:51	1
Benzene	<0.15		0.50	0.15	ug/L			05/18/21 19:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/18/21 19:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/18/21 19:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/18/21 19:51	1
Bromoform	<0.48		1.0	0.48	ug/L			05/18/21 19:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			05/18/21 19:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/18/21 19:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/18/21 19:51	1
Chloroform	<0.37		2.0	0.37	ug/L			05/18/21 19:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/18/21 19:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/18/21 19:51	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			05/18/21 19:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/18/21 19:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/18/21 19:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/18/21 19:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			05/18/21 19:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/18/21 19:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
1,2-Dichloropropane	<0.43 *		1.0	0.43	ug/L			05/18/21 19:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/18/21 19:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/18/21 19:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/18/21 19:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/18/21 19:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/18/21 19:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/18/21 19:51	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/18/21 19:51	1
Methyl bromide	<0.80		3.0	0.80	ug/L			05/18/21 19:51	1
Methyl chloride	<0.32		1.0	0.32	ug/L			05/18/21 19:51	1
Methylene bromide	<0.27		1.0	0.27	ug/L			05/18/21 19:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/18/21 19:51	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			05/18/21 19:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/18/21 19:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/18/21 19:51	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/18/21 19:51	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/18/21 19:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/18/21 19:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/21 19:51	1
Styrene	<0.39		1.0	0.39	ug/L			05/18/21 19:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/21 19:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/18/21 19:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/18/21 19:51	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			05/18/21 19:51	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-198805-1

Client Sample ID: 976 Marcys Ct Raw

Lab Sample ID: 500-198805-4

Date Collected: 05/05/21 10:00

Matrix: Water

Date Received: 05/07/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/21 19:51	1
Toluene	<0.15		0.50	0.15	ug/L			05/18/21 19:51	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			05/18/21 19:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/18/21 19:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/18/21 19:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/18/21 19:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/18/21 19:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/18/21 19:51	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			05/18/21 19:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/18/21 19:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			05/18/21 19:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/18/21 19:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/18/21 19:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			05/18/21 19:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/18/21 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		72 - 124					05/18/21 19:51	1
Dibromofluoromethane	94		75 - 120					05/18/21 19:51	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126					05/18/21 19:51	1
Toluene-d8 (Surr)	103		75 - 120					05/18/21 19:51	1



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May 6, 2021

Mathew Pevan
987 Labarge Road
Hudson, WI 54016

Dear Mathew:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.5 ppb (micrograms per liter) in the unfiltered water (Raw). This is at the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/4/21	4/7/21	2,551,420	295,060	0.5	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197436-1

Client Sample ID: 987 Labarge Rd Raw

Lab Sample ID: 500-197436-1

Date Collected: 04/07/21 13:30

Matrix: Water

Date Received: 04/10/21 10:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/14/21 15:22	1
Benzene	<0.15		0.50	0.15	ug/L			04/14/21 15:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/14/21 15:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/14/21 15:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/14/21 15:22	1
Bromoform	<0.48		1.0	0.48	ug/L			04/14/21 15:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/14/21 15:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/14/21 15:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/14/21 15:22	1
Chloroform	<0.37		2.0	0.37	ug/L			04/14/21 15:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/14/21 15:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/14/21 15:22	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/14/21 15:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/14/21 15:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/14/21 15:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/14/21 15:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/14/21 15:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/14/21 15:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/14/21 15:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/14/21 15:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/14/21 15:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/14/21 15:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/14/21 15:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/14/21 15:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/14/21 15:22	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/14/21 15:22	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/14/21 15:22	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/14/21 15:22	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/14/21 15:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/14/21 15:22	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/14/21 15:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/14/21 15:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/14/21 15:22	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/14/21 15:22	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/14/21 15:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/14/21 15:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/14/21 15:22	1
Styrene	<0.39		1.0	0.39	ug/L			04/14/21 15:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/14/21 15:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/14/21 15:22	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/14/21 15:22	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/14/21 15:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197436-1

Client Sample ID: 987 Labarge Rd Raw

Lab Sample ID: 500-197436-1

Date Collected: 04/07/21 13:30

Matrix: Water

Date Received: 04/10/21 10:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/14/21 15:22	1
Toluene	<0.15		0.50	0.15	ug/L			04/14/21 15:22	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/14/21 15:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/14/21 15:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/14/21 15:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/14/21 15:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/14/21 15:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/14/21 15:22	1
Trichloroethylene	0.50		0.50	0.16	ug/L			04/14/21 15:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/14/21 15:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/14/21 15:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/14/21 15:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/14/21 15:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/14/21 15:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/14/21 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		04/14/21 15:22	1
Dibromofluoromethane	94		75 - 120		04/14/21 15:22	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		04/14/21 15:22	1
Toluene-d8 (Surr)	97		75 - 120		04/14/21 15:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197436-1

Client Sample ID: 987 Labarge Rd DW

Lab Sample ID: 500-197436-2

Date Collected: 04/07/21 13:30

Matrix: Water

Date Received: 04/10/21 10:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/14/21 15:48	1
Benzene	<0.15		0.50	0.15	ug/L			04/14/21 15:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/14/21 15:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/14/21 15:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/14/21 15:48	1
Bromoform	<0.48		1.0	0.48	ug/L			04/14/21 15:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/14/21 15:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/14/21 15:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/14/21 15:48	1
Chloroform	<0.37		2.0	0.37	ug/L			04/14/21 15:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/14/21 15:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/14/21 15:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/14/21 15:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/14/21 15:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/14/21 15:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/14/21 15:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/14/21 15:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/14/21 15:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/14/21 15:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/14/21 15:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/14/21 15:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/14/21 15:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/14/21 15:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/14/21 15:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/14/21 15:48	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/14/21 15:48	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/14/21 15:48	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/14/21 15:48	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/14/21 15:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/14/21 15:48	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/14/21 15:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/14/21 15:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/14/21 15:48	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/14/21 15:48	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/14/21 15:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/14/21 15:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/14/21 15:48	1
Styrene	<0.39		1.0	0.39	ug/L			04/14/21 15:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/14/21 15:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/14/21 15:48	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/14/21 15:48	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/14/21 15:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197436-1

Client Sample ID: 987 Labarge Rd DW

Lab Sample ID: 500-197436-2

Date Collected: 04/07/21 13:30

Matrix: Water

Date Received: 04/10/21 10:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/14/21 15:48	1
Toluene	<0.15		0.50	0.15	ug/L			04/14/21 15:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/14/21 15:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/14/21 15:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/14/21 15:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/14/21 15:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/14/21 15:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/14/21 15:48	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/14/21 15:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/14/21 15:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/14/21 15:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/14/21 15:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/14/21 15:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/14/21 15:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/14/21 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124					04/14/21 15:48	1
Dibromofluoromethane	93		75 - 120					04/14/21 15:48	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126					04/14/21 15:48	1
Toluene-d8 (Surr)	98		75 - 120					04/14/21 15:48	1



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April 16, 2021

Gale & Cynthia Zielieke
771 McCutcheon Road
Hudson, WI 54016

Dear Gale & Cynthia:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/20/16	3/26/21	1,528,690	127,909	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 771 McCutcheon Rd Raw

Lab Sample ID: 500-196905-7

Date Collected: 03/26/21 10:30

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 18:00	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 18:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 18:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 18:00	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 18:00	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 18:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 18:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 18:00	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 18:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 18:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 18:00	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 18:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 18:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 18:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 18:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 18:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 18:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 18:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 18:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 18:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 18:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 18:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 18:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 18:00	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:00	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 18:00	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 18:00	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 18:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 18:00	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 18:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 18:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 18:00	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 18:00	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 18:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:00	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 18:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:00	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 18:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 18:00	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 18:00	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 771 McCutcheon Rd Raw

Lab Sample ID: 500-196905-7

Date Collected: 03/26/21 10:30

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 18:00	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 18:00	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 18:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 18:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 18:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 18:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 18:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 18:00	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/07/21 18:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 18:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 18:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 18:00	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 18:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124		04/07/21 18:00	1
Dibromofluoromethane	92		75 - 120		04/07/21 18:00	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		04/07/21 18:00	1
Toluene-d8 (Surr)	94		75 - 120		04/07/21 18:00	1



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April 16, 2021

Ann Ross
P.O. Box 1138
Hudson, WI 54016

Dear Ann:

Your groundwater results for 805 McCutcheon Road are reported as attached. The results show a detection of trichloroethylene at 1.7 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/8/21	3/26/21	1,036,460	73,090	1.7	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 805 McCutcheon Rd Raw

Lab Sample ID: 500-196905-3

Date Collected: 03/26/21 09:30

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 16:10	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 16:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 16:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 16:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 16:10	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 16:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 16:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 16:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 16:10	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 16:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 16:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 16:10	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 16:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 16:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 16:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 16:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 16:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 16:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 16:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 16:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 16:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 16:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 16:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 16:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 16:10	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 16:10	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 16:10	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 16:10	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 16:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 16:10	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 16:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 16:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 16:10	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 16:10	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 16:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 16:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 16:10	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 16:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 16:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 16:10	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 16:10	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 16:10	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 805 McCutcheon Rd Raw

Lab Sample ID: 500-196905-3

Date Collected: 03/26/21 09:30

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 16:10	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 16:10	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 16:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 16:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 16:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 16:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 16:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 16:10	1
Trichloroethylene	1.7		0.50	0.16	ug/L			04/07/21 16:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 16:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 16:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 16:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 16:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 16:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		04/07/21 16:10	1
Dibromofluoromethane	91		75 - 120		04/07/21 16:10	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		04/07/21 16:10	1
Toluene-d8 (Surr)	95		75 - 120		04/07/21 16:10	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 805 McCutcheon Rd DW

Lab Sample ID: 500-196905-4

Date Collected: 03/26/21 09:30

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 16:38	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 16:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 16:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 16:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 16:38	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 16:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 16:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 16:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 16:38	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 16:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 16:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 16:38	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 16:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 16:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 16:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 16:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 16:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 16:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 16:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 16:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 16:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 16:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 16:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 16:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 16:38	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 16:38	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 16:38	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 16:38	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 16:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 16:38	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 16:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 16:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 16:38	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 16:38	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 16:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 16:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 16:38	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 16:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 16:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 16:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 16:38	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 16:38	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 805 McCutcheon Rd DW

Lab Sample ID: 500-196905-4

Date Collected: 03/26/21 09:30

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 16:38	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 16:38	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 16:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 16:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 16:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 16:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 16:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 16:38	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/07/21 16:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 16:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 16:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 16:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 16:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 16:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124					04/07/21 16:38	1
Dibromofluoromethane	94		75 - 120					04/07/21 16:38	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126					04/07/21 16:38	1
Toluene-d8 (Surr)	94		75 - 120					04/07/21 16:38	1



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April 16, 2021

Current Resident
909-B Fraser Lane
Hudson, WI 54016

Dear Current Resident:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.91 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/20/21	3/26/21	1,327,880	127,750	0.91	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 909B Fraser Ln Raw

Lab Sample ID: 500-196905-1

Date Collected: 03/26/21 09:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 15:16	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 15:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 15:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 15:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 15:16	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 15:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 15:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 15:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 15:16	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 15:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 15:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 15:16	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 15:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 15:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 15:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 15:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 15:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 15:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 15:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 15:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 15:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 15:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 15:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 15:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 15:16	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 15:16	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 15:16	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 15:16	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 15:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 15:16	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 15:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 15:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 15:16	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 15:16	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 15:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 15:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 15:16	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 15:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 15:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 15:16	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 15:16	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 15:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 909B Fraser Ln Raw

Lab Sample ID: 500-196905-1

Date Collected: 03/26/21 09:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 15:16	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 15:16	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 15:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 15:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 15:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 15:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 15:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 15:16	1
Trichloroethylene	0.91		0.50	0.16	ug/L			04/07/21 15:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 15:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 15:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 15:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 15:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 15:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124		04/07/21 15:16	1
Dibromofluoromethane	92		75 - 120		04/07/21 15:16	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		04/07/21 15:16	1
Toluene-d8 (Surr)	94		75 - 120		04/07/21 15:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 909B Fraser Ln DW

Lab Sample ID: 500-196905-2

Date Collected: 03/26/21 09:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 15:43	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 15:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 15:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 15:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 15:43	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 15:43	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 15:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 15:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 15:43	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 15:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 15:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 15:43	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 15:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 15:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 15:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 15:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 15:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 15:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 15:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 15:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 15:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 15:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 15:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 15:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 15:43	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 15:43	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 15:43	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 15:43	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 15:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 15:43	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 15:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 15:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 15:43	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 15:43	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 15:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 15:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 15:43	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 15:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 15:43	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 15:43	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 15:43	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 15:43	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 909B Fraser Ln DW

Lab Sample ID: 500-196905-2

Date Collected: 03/26/21 09:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 15:43	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 15:43	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 15:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 15:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 15:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 15:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 15:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 15:43	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/07/21 15:43	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 15:43	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 15:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 15:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 15:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 15:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 124					04/07/21 15:43	1
Dibromofluoromethane	93		75 - 120					04/07/21 15:43	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					04/07/21 15:43	1
Toluene-d8 (Surr)	95		75 - 120					04/07/21 15:43	1



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April 16, 2021

Todd & Amy Hess
925 Sadie's Lane
Hudson, WI 54016

Dear Todd & Amy:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 2.3 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/4/21	3/26/21	1,190,060	-	2.3	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 925 Sadies Ln Raw

Lab Sample ID: 500-196905-8

Date Collected: 03/26/21 11:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 18:27	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 18:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 18:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 18:27	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 18:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 18:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 18:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 18:27	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 18:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 18:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 18:27	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 18:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 18:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 18:27	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 18:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 18:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 18:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 18:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 18:27	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 18:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 18:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 18:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 18:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 18:27	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:27	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 18:27	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 18:27	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 18:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 18:27	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 18:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 18:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 18:27	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 18:27	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 18:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:27	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 18:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:27	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 18:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 18:27	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 18:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 925 Sadies Ln Raw

Lab Sample ID: 500-196905-8

Date Collected: 03/26/21 11:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 18:27	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 18:27	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 18:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 18:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 18:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 18:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 18:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 18:27	1
Trichloroethylene	2.3		0.50	0.16	ug/L			04/07/21 18:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 18:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 18:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 18:27	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 18:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124					04/07/21 18:27	1
Dibromofluoromethane	93		75 - 120					04/07/21 18:27	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126					04/07/21 18:27	1
Toluene-d8 (Surr)	93		75 - 120					04/07/21 18:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 925 Sadies Ln DW

Lab Sample ID: 500-196905-9

Date Collected: 03/26/21 11:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 18:54	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 18:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 18:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 18:54	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 18:54	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 18:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 18:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 18:54	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 18:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 18:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 18:54	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 18:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 18:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 18:54	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 18:54	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 18:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 18:54	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 18:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 18:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 18:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 18:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 18:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 18:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 18:54	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:54	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 18:54	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 18:54	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 18:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 18:54	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 18:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 18:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 18:54	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 18:54	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 18:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:54	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 18:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 18:54	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 18:54	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 18:54	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 18:54	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 925 Sadies Ln DW

Lab Sample ID: 500-196905-9

Date Collected: 03/26/21 11:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 18:54	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 18:54	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 18:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 18:54	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 18:54	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 18:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 18:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 18:54	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/07/21 18:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 18:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 18:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 18:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 18:54	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 18:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		04/07/21 18:54	1
Dibromofluoromethane	93		75 - 120		04/07/21 18:54	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		04/07/21 18:54	1
Toluene-d8 (Surr)	93		75 - 120		04/07/21 18:54	1



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April 16, 2021

Rebecca & Charles Gillis
949 Florence Lane
Hudson, WI 54016

Dear Rebecca & Charles:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.8 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/5/21	3/26/21	1,093,220	82,300	1.8	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 949 Florence Ln Raw

Lab Sample ID: 500-196905-5

Date Collected: 03/26/21 10:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 19:07	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 19:07	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 19:07	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 19:07	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 19:07	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 19:07	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 19:07	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 19:07	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 19:07	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 19:07	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 19:07	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 19:07	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 19:07	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 19:07	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 19:07	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 19:07	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 19:07	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 19:07	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 19:07	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 19:07	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 19:07	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 19:07	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 19:07	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 19:07	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 19:07	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 19:07	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 19:07	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 19:07	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 19:07	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 19:07	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 19:07	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 19:07	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 19:07	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 19:07	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 19:07	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 19:07	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 19:07	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 19:07	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 19:07	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 19:07	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 19:07	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 19:07	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 949 Florence Ln Raw

Lab Sample ID: 500-196905-5

Date Collected: 03/26/21 10:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 19:07	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 19:07	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 19:07	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 19:07	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 19:07	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 19:07	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 19:07	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 19:07	1
Trichloroethylene	1.8		0.50	0.16	ug/L			04/08/21 19:07	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 19:07	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 19:07	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 19:07	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 19:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 19:07	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		04/08/21 19:07	1
Dibromofluoromethane	107		75 - 120		04/08/21 19:07	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		04/08/21 19:07	1
Toluene-d8 (Surr)	93		75 - 120		04/08/21 19:07	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 949 Florence Ln DW

Lab Sample ID: 500-196905-6

Date Collected: 03/26/21 10:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 17:33	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 17:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 17:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 17:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 17:33	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 17:33	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 17:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 17:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 17:33	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 17:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 17:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 17:33	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 17:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 17:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 17:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 17:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 17:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 17:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 17:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 17:33	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 17:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 17:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 17:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 17:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 17:33	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 17:33	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 17:33	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 17:33	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 17:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 17:33	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 17:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 17:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 17:33	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 17:33	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 17:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 17:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 17:33	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 17:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 17:33	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 17:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 17:33	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 17:33	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 949 Florence Ln DW

Lab Sample ID: 500-196905-6

Date Collected: 03/26/21 10:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 17:33	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 17:33	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 17:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 17:33	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 17:33	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 17:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 17:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 17:33	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/07/21 17:33	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 17:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 17:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 17:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 17:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 17:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 124		04/07/21 17:33	1
Dibromofluoromethane	93		75 - 120		04/07/21 17:33	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		04/07/21 17:33	1
Toluene-d8 (Surr)	95		75 - 120		04/07/21 17:33	1



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April 16, 2021

John Mowry
961 Bakken Road
Hudson, WI 54016

Dear John:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.6 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/4/21	3/26/21	1,070,790	39,830	1.6	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 961 Bakker Rd Raw

Lab Sample ID: 500-196905-10

Date Collected: 03/26/21 12:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 19:21	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 19:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 19:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 19:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 19:21	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 19:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 19:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 19:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 19:21	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 19:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 19:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 19:21	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 19:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 19:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 19:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 19:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 19:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 19:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 19:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 19:21	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 19:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 19:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 19:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 19:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 19:21	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 19:21	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 19:21	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 19:21	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 19:21	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 19:21	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 19:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 19:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 19:21	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 19:21	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 19:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 19:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 19:21	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 19:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 19:21	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 19:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 19:21	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 19:21	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 961 Bakker Rd Raw

Lab Sample ID: 500-196905-10

Date Collected: 03/26/21 12:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 19:21	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 19:21	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 19:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 19:21	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 19:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 19:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 19:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 19:21	1
Trichloroethylene	1.6		0.50	0.16	ug/L			04/07/21 19:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 19:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 19:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 19:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 19:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 19:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124					04/07/21 19:21	1
Dibromofluoromethane	94		75 - 120					04/07/21 19:21	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126					04/07/21 19:21	1
Toluene-d8 (Surr)	94		75 - 120					04/07/21 19:21	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 961 Bakker Rd DW

Lab Sample ID: 500-196905-11

Date Collected: 03/26/21 12:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/07/21 19:48	1
Benzene	<0.15		0.50	0.15	ug/L			04/07/21 19:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/07/21 19:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/07/21 19:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/07/21 19:48	1
Bromoform	<0.48		1.0	0.48	ug/L			04/07/21 19:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/07/21 19:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/07/21 19:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/07/21 19:48	1
Chloroform	<0.37		2.0	0.37	ug/L			04/07/21 19:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/07/21 19:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/07/21 19:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/07/21 19:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/07/21 19:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/07/21 19:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/07/21 19:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/07/21 19:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/07/21 19:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/07/21 19:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/07/21 19:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/07/21 19:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/07/21 19:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/07/21 19:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/07/21 19:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/07/21 19:48	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/07/21 19:48	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/07/21 19:48	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/07/21 19:48	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/07/21 19:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/07/21 19:48	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/07/21 19:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/07/21 19:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/07/21 19:48	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/07/21 19:48	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/07/21 19:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/07/21 19:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 19:48	1
Styrene	<0.39		1.0	0.39	ug/L			04/07/21 19:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/07/21 19:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/07/21 19:48	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/07/21 19:48	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/07/21 19:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-196905-1

Client Sample ID: 961 Bakker Rd DW

Lab Sample ID: 500-196905-11

Date Collected: 03/26/21 12:00

Matrix: Water

Date Received: 03/31/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/07/21 19:48	1
Toluene	<0.15		0.50	0.15	ug/L			04/07/21 19:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/07/21 19:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/07/21 19:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/07/21 19:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/07/21 19:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/07/21 19:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/07/21 19:48	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/07/21 19:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/07/21 19:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/07/21 19:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/07/21 19:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/07/21 19:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/07/21 19:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/07/21 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		72 - 124		04/07/21 19:48	1
Dibromofluoromethane	94		75 - 120		04/07/21 19:48	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		04/07/21 19:48	1
Toluene-d8 (Surr)	94		75 - 120		04/07/21 19:48	1



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April 16, 2021

Scott & Candy Freer
790 Holden Lane
Hudson, WI 54016

Dear Scott & Candy:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.6 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/10/21	4/1/21	2,163,940	76,150	1.6	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 790 Holden Ln Raw

Lab Sample ID: 500-197064-5

Date Collected: 04/01/21 11:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 18:14	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 18:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 18:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 18:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 18:14	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 18:14	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 18:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 18:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 18:14	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 18:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 18:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 18:14	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 18:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 18:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 18:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 18:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 18:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 18:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 18:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 18:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 18:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 18:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 18:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 18:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 18:14	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 18:14	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 18:14	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 18:14	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 18:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 18:14	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 18:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 18:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 18:14	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 18:14	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 18:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 18:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 18:14	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 18:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 18:14	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 18:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 18:14	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 18:14	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 790 Holden Ln Raw

Lab Sample ID: 500-197064-5

Date Collected: 04/01/21 11:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 18:14	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 18:14	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 18:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 18:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 18:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 18:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 18:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 18:14	1
Trichloroethylene	1.6		0.50	0.16	ug/L			04/08/21 18:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 18:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 18:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 18:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 18:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 18:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					04/08/21 18:14	1
Dibromofluoromethane	109		75 - 120					04/08/21 18:14	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					04/08/21 18:14	1
Toluene-d8 (Surr)	94		75 - 120					04/08/21 18:14	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 790 Holden Ln DW

Lab Sample ID: 500-197064-6

Date Collected: 04/01/21 11:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 18:40	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 18:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 18:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 18:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 18:40	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 18:40	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 18:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 18:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 18:40	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 18:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 18:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 18:40	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 18:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 18:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 18:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 18:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 18:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 18:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 18:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 18:40	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 18:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 18:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 18:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 18:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 18:40	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 18:40	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 18:40	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 18:40	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 18:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 18:40	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 18:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 18:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 18:40	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 18:40	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 18:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 18:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 18:40	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 18:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 18:40	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 18:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 18:40	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 18:40	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 790 Holden Ln DW

Lab Sample ID: 500-197064-6

Date Collected: 04/01/21 11:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 18:40	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 18:40	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 18:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 18:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 18:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 18:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 18:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 18:40	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/08/21 18:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 18:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 18:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 18:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 18:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 18:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124		04/08/21 18:40	1
Dibromofluoromethane	110		75 - 120		04/08/21 18:40	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		04/08/21 18:40	1
Toluene-d8 (Surr)	93		75 - 120		04/08/21 18:40	1



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April 16, 2021

Kristy Coleman
851-A Hillside Trail
Hudson, WI 54016

Dear Kristy:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 2.2 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/24/21	4/1/21	1,276,350	209,760	2.2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 851-A Hillside Trl Raw

Lab Sample ID: 500-197064-1

Date Collected: 04/01/21 09:30

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 16:27	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 16:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 16:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 16:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 16:27	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 16:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 16:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 16:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 16:27	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 16:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 16:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 16:27	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 16:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 16:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 16:27	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 16:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 16:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 16:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 16:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 16:27	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 16:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 16:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 16:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 16:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 16:27	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 16:27	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 16:27	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 16:27	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 16:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 16:27	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 16:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 16:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 16:27	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 16:27	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 16:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 16:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 16:27	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 16:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 16:27	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 16:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 16:27	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 16:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 851-A Hillside Trl Raw

Lab Sample ID: 500-197064-1

Date Collected: 04/01/21 09:30

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 16:27	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 16:27	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 16:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 16:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 16:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 16:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 16:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 16:27	1
Trichloroethylene	2.2		0.50	0.16	ug/L			04/08/21 16:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 16:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 16:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 16:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 16:27	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 16:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					04/08/21 16:27	1
Dibromofluoromethane	105		75 - 120					04/08/21 16:27	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					04/08/21 16:27	1
Toluene-d8 (Surr)	92		75 - 120					04/08/21 16:27	1



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April 16, 2021

Jeff Thene
872 Hillside Trail
Hudson, WI 54016

Dear Jeff:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/23/21	4/1/21	1,019,380	59,170	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 872 Hillside Trl Raw

Lab Sample ID: 500-197064-7

Date Collected: 04/01/21 11:30

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 14:28	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 14:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 14:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 14:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 14:28	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 14:28	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 14:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 14:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 14:28	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 14:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 14:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 14:28	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 14:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 14:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 14:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 14:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 14:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 14:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 14:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 14:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 14:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 14:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 14:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 14:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 14:28	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 14:28	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 14:28	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 14:28	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 14:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 14:28	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 14:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 14:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 14:28	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 14:28	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 14:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 14:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 14:28	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 14:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 14:28	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 14:28	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 14:28	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 14:28	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 872 Hillside Trl Raw

Lab Sample ID: 500-197064-7

Date Collected: 04/01/21 11:30

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 14:28	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 14:28	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 14:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 14:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 14:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 14:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 14:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 14:28	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/08/21 14:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 14:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 14:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 14:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 14:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 14:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 124					04/08/21 14:28	1
Dibromofluoromethane	92		75 - 120					04/08/21 14:28	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					04/08/21 14:28	1
Toluene-d8 (Surr)	94		75 - 120					04/08/21 14:28	1



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April 16, 2021

Michelle & Eric Clay
886 Hillside Trail
Hudson, WI 54016

Dear Michelle & Eric:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.42 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is below the Preventive Action Limit (0.5 ppb) and the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/20/21	4/1/21	698,620	122,430	0.42 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 886 Hillside Trl Raw

Lab Sample ID: 500-197064-4

Date Collected: 04/01/21 10:30

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 17:47	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 17:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 17:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 17:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 17:47	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 17:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 17:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 17:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 17:47	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 17:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 17:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 17:47	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 17:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 17:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 17:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 17:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 17:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 17:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 17:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 17:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 17:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 17:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 17:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 17:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 17:47	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 17:47	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 17:47	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 17:47	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 17:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 17:47	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 17:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 17:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 17:47	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 17:47	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 17:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 17:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 17:47	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 17:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 17:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 17:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 17:47	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 17:47	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 886 Hillside Trl Raw

Lab Sample ID: 500-197064-4

Date Collected: 04/01/21 10:30

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 17:47	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 17:47	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 17:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 17:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 17:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 17:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 17:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 17:47	1
Trichloroethylene	0.42	J	0.50	0.16	ug/L			04/08/21 17:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 17:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 17:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 17:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 17:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 17:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					04/08/21 17:47	1
Dibromofluoromethane	105		75 - 120					04/08/21 17:47	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126					04/08/21 17:47	1
Toluene-d8 (Surr)	93		75 - 120					04/08/21 17:47	1



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www.cedarcorp.com

April 16, 2021

Gina & William Runck
921 Florence Lane
Hudson, WI 54016

Dear Gina & William:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.53 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/5/21	4/1/21	790,030	132,830	0.53	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 921 Florence Ln Raw

Lab Sample ID: 500-197064-2

Date Collected: 04/01/21 10:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 16:53	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 16:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 16:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 16:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 16:53	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 16:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 16:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 16:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 16:53	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 16:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 16:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 16:53	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 16:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 16:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 16:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 16:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 16:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 16:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 16:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 16:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 16:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 16:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 16:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 16:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 16:53	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 16:53	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 16:53	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 16:53	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 16:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 16:53	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 16:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 16:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 16:53	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 16:53	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 16:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 16:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 16:53	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 16:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 16:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 16:53	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 16:53	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 16:53	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 921 Florence Ln Raw

Lab Sample ID: 500-197064-2

Date Collected: 04/01/21 10:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 16:53	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 16:53	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 16:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 16:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 16:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 16:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 16:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 16:53	1
Trichloroethylene	0.53		0.50	0.16	ug/L			04/08/21 16:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 16:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 16:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 16:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 16:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 16:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124					04/08/21 16:53	1
Dibromofluoromethane	108		75 - 120					04/08/21 16:53	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					04/08/21 16:53	1
Toluene-d8 (Surr)	93		75 - 120					04/08/21 16:53	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 921 Florence Ln DW

Lab Sample ID: 500-197064-3

Date Collected: 04/01/21 10:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			04/08/21 17:20	1
Benzene	<0.15		0.50	0.15	ug/L			04/08/21 17:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/08/21 17:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/08/21 17:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/08/21 17:20	1
Bromoform	<0.48		1.0	0.48	ug/L			04/08/21 17:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/08/21 17:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/08/21 17:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/08/21 17:20	1
Chloroform	<0.37		2.0	0.37	ug/L			04/08/21 17:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/08/21 17:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/08/21 17:20	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			04/08/21 17:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/08/21 17:20	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/08/21 17:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/08/21 17:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/08/21 17:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/08/21 17:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/08/21 17:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/08/21 17:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/08/21 17:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/08/21 17:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/08/21 17:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/08/21 17:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			04/08/21 17:20	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/08/21 17:20	1
Methyl bromide	<0.80		3.0	0.80	ug/L			04/08/21 17:20	1
Methyl chloride	<0.32		1.0	0.32	ug/L			04/08/21 17:20	1
Methylene bromide	<0.27		1.0	0.27	ug/L			04/08/21 17:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/08/21 17:20	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			04/08/21 17:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/08/21 17:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/08/21 17:20	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/08/21 17:20	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/08/21 17:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/08/21 17:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 17:20	1
Styrene	<0.39		1.0	0.39	ug/L			04/08/21 17:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/08/21 17:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/08/21 17:20	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/08/21 17:20	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			04/08/21 17:20	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-197064-1

Client Sample ID: 921 Florence Ln DW

Lab Sample ID: 500-197064-3

Date Collected: 04/01/21 10:00

Matrix: Water

Date Received: 04/03/21 10:15

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/08/21 17:20	1
Toluene	<0.15		0.50	0.15	ug/L			04/08/21 17:20	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			04/08/21 17:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/08/21 17:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/08/21 17:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/08/21 17:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/08/21 17:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/08/21 17:20	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			04/08/21 17:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/08/21 17:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/08/21 17:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/08/21 17:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/08/21 17:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/08/21 17:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/08/21 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 124					04/08/21 17:20	1
Dibromofluoromethane	109		75 - 120					04/08/21 17:20	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					04/08/21 17:20	1
Toluene-d8 (Surr)	94		75 - 120					04/08/21 17:20	1



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March 15, 2021

Jim Denison
608 Grange Road
Hudson, WI 54016

Dear Jim:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/21/20	2/26/21	1,142,990	254,470	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 608 Grange Rd Raw

Lab Sample ID: 500-195517-3

Date Collected: 02/26/21 11:00

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/08/21 14:38	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 14:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 14:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 14:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 14:38	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 14:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 14:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 14:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 14:38	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 14:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 14:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 14:38	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 14:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 14:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 14:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 14:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 14:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 14:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 14:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 14:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 14:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 14:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 14:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 14:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 14:38	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 14:38	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 14:38	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 14:38	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 14:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 14:38	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 14:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 14:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 14:38	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 14:38	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 14:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 14:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 14:38	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 14:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 14:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 14:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 14:38	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/08/21 14:38	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 608 Grange Rd Raw

Lab Sample ID: 500-195517-3

Date Collected: 02/26/21 11:00

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 14:38	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 14:38	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 14:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 14:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 14:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 14:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 14:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 14:38	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/08/21 14:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 14:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 14:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 14:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 14:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 14:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		72 - 124		03/08/21 14:38	1
Dibromofluoromethane	93		75 - 120		03/08/21 14:38	1
1,2-Dichloroethane-d4 (Surr)	83		75 - 126		03/08/21 14:38	1
Toluene-d8 (Surr)	104		75 - 120		03/08/21 14:38	1



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March 15, 2021

Richard & Monica Blackwell
660 Laurie Lane
Hudson, WI 54016

Dear Richard & Monica:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
10/6/18	3/3/21	-	-	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 660 Laurie Ln Raw

Lab Sample ID: 500-195659-5

Date Collected: 03/03/21 11:30

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/09/21 15:41	1
Benzene	<0.15		0.50	0.15	ug/L			03/09/21 15:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/09/21 15:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/09/21 15:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/09/21 15:41	1
Bromoform	<0.48		1.0	0.48	ug/L			03/09/21 15:41	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/09/21 15:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/21 15:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/09/21 15:41	1
Chloroform	<0.37		2.0	0.37	ug/L			03/09/21 15:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/09/21 15:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/09/21 15:41	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/09/21 15:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/09/21 15:41	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			03/09/21 15:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/09/21 15:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/09/21 15:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/09/21 15:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/09/21 15:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/09/21 15:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/09/21 15:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/09/21 15:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/21 15:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/09/21 15:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/09/21 15:41	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/09/21 15:41	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/09/21 15:41	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/21 15:41	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/09/21 15:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/09/21 15:41	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/09/21 15:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/09/21 15:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/09/21 15:41	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/09/21 15:41	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/09/21 15:41	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/09/21 15:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 15:41	1
Styrene	<0.39		1.0	0.39	ug/L			03/09/21 15:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 15:41	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/09/21 15:41	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/21 15:41	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/09/21 15:41	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 660 Laurie Ln Raw

Lab Sample ID: 500-195659-5

Date Collected: 03/03/21 11:30

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/09/21 15:41	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/21 15:41	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/09/21 15:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/09/21 15:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/09/21 15:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/09/21 15:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/21 15:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/21 15:41	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/09/21 15:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/09/21 15:41	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/09/21 15:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/09/21 15:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/09/21 15:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/09/21 15:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/09/21 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					03/09/21 15:41	1
Dibromofluoromethane	93		75 - 120					03/09/21 15:41	1
1,2-Dichloroethane-d4 (Surr)	114		75 - 126					03/09/21 15:41	1
Toluene-d8 (Surr)	95		75 - 120					03/09/21 15:41	1



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March 15, 2021

Lance & Darlene Wendlandt
816 Dove Court
Hudson, WI 54016

Dear Lance & Darlene:

Your groundwater results are reported as attached. The results show the well water (RAW) or unfiltered water had a detection of trichloroethylene (TCE) at 2.5 ppb (micrograms per liter) and trichlorofluoromethane (R-11) at 0.67 ppb. TCE is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. R-11 is below the Preventive Action Limit (698 ppb) and below the Enforcement Standard (3490 ppb). The drinking water (DW) or filtered water sample had no detections of volatile organic compounds in the filtered water. The filtered groundwater contains no compounds (based on the completed analysis) that exceed State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
2/4/21	3/3/21	1,348,980	100,940	2.5	ND	ND	ND	0.67 J	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 816 Dove Ct Raw

Lab Sample ID: 500-195659-1

Date Collected: 03/03/21 10:00

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/09/21 13:52	1
Benzene	<0.15		0.50	0.15	ug/L			03/09/21 13:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/09/21 13:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/09/21 13:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/09/21 13:52	1
Bromoform	<0.48		1.0	0.48	ug/L			03/09/21 13:52	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/09/21 13:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/21 13:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/09/21 13:52	1
Chloroform	<0.37		2.0	0.37	ug/L			03/09/21 13:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/09/21 13:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/09/21 13:52	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/09/21 13:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/09/21 13:52	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			03/09/21 13:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/09/21 13:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/09/21 13:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/09/21 13:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/09/21 13:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/09/21 13:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/09/21 13:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/09/21 13:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/21 13:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/09/21 13:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/09/21 13:52	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/09/21 13:52	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/09/21 13:52	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/21 13:52	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/09/21 13:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/09/21 13:52	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/09/21 13:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/09/21 13:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/09/21 13:52	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/09/21 13:52	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/09/21 13:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/09/21 13:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 13:52	1
Styrene	<0.39		1.0	0.39	ug/L			03/09/21 13:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 13:52	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/09/21 13:52	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/21 13:52	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/09/21 13:52	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 816 Dove Ct Raw

Lab Sample ID: 500-195659-1

Date Collected: 03/03/21 10:00

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/09/21 13:52	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/21 13:52	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/09/21 13:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/09/21 13:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/09/21 13:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/09/21 13:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/21 13:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/21 13:52	1
Trichloroethylene	2.5		0.50	0.16	ug/L			03/09/21 13:52	1
Trichlorofluoromethane	0.67 J		1.0	0.43	ug/L			03/09/21 13:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/09/21 13:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/09/21 13:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/09/21 13:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/09/21 13:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/09/21 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		03/09/21 13:52	1
Dibromofluoromethane	91		75 - 120		03/09/21 13:52	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		03/09/21 13:52	1
Toluene-d8 (Surr)	94		75 - 120		03/09/21 13:52	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 816 Dove Ct DW

Lab Sample ID: 500-195659-2

Date Collected: 03/03/21 10:00

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/09/21 14:20	1
Benzene	<0.15		0.50	0.15	ug/L			03/09/21 14:20	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/09/21 14:20	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/09/21 14:20	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/09/21 14:20	1
Bromoform	<0.48		1.0	0.48	ug/L			03/09/21 14:20	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/09/21 14:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/21 14:20	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/09/21 14:20	1
Chloroform	<0.37		2.0	0.37	ug/L			03/09/21 14:20	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/09/21 14:20	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/09/21 14:20	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/09/21 14:20	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/09/21 14:20	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			03/09/21 14:20	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/09/21 14:20	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/09/21 14:20	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/09/21 14:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/09/21 14:20	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/09/21 14:20	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/09/21 14:20	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/09/21 14:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/21 14:20	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/09/21 14:20	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/09/21 14:20	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/09/21 14:20	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/09/21 14:20	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/21 14:20	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/09/21 14:20	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/09/21 14:20	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/09/21 14:20	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/09/21 14:20	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/09/21 14:20	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/09/21 14:20	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/09/21 14:20	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/09/21 14:20	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 14:20	1
Styrene	<0.39		1.0	0.39	ug/L			03/09/21 14:20	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 14:20	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/09/21 14:20	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/21 14:20	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/09/21 14:20	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 816 Dove Ct DW

Lab Sample ID: 500-195659-2

Date Collected: 03/03/21 10:00

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/09/21 14:20	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/21 14:20	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/09/21 14:20	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/09/21 14:20	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/09/21 14:20	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/09/21 14:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/21 14:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/21 14:20	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/09/21 14:20	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/09/21 14:20	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/09/21 14:20	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/09/21 14:20	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/09/21 14:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/09/21 14:20	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/09/21 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124					03/09/21 14:20	1
Dibromofluoromethane	94		75 - 120					03/09/21 14:20	1
1,2-Dichloroethane-d4 (Surr)	113		75 - 126					03/09/21 14:20	1
Toluene-d8 (Surr)	94		75 - 120					03/09/21 14:20	1



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March 15, 2021

Paul & Sara Schultz
865 Hillside Trail
Hudson, WI 54016

Dear Paul & Sara:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene (TCE) at 3.2 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (PAL) of 0.5 ppb but below the Enforcement Standard (ES) of 5.0 ppb established by the Wisconsin DNR. Tetrachloroethylene (PCE) was detected at 0.49 ppb in the Raw water. This is below the PAL of 0.5 ppb and below the ES of 5.0 ppb. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW doesn't contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone was detected in both the Raw and DW samples. Acetone is a known lab contaminant; therefore, any low level detects should be suspected as lab contamination.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/25/21	2/26/21	644,960	83,830	3.2	0.49 J	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 865 Hillside Trl Raw

Lab Sample ID: 500-195517-1

Date Collected: 02/26/21 10:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.6	J	10	1.7	ug/L			03/08/21 13:48	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 13:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 13:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 13:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 13:48	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 13:48	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 13:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 13:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 13:48	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 13:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 13:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 13:48	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 13:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 13:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 13:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 13:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 13:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 13:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 13:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 13:48	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 13:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 13:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 13:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 13:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 13:48	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 13:48	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 13:48	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 13:48	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 13:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 13:48	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 13:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 13:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 13:48	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 13:48	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 13:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 13:48	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 13:48	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 13:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 13:48	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 13:48	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 13:48	1
Tetrachloroethylene	0.49	J	1.0	0.37	ug/L			03/08/21 13:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 865 Hillside Trl Raw

Lab Sample ID: 500-195517-1

Date Collected: 02/26/21 10:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 13:48	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 13:48	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 13:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 13:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 13:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 13:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 13:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 13:48	1
Trichloroethylene	3.2		0.50	0.16	ug/L			03/08/21 13:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 13:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 13:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 13:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 13:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 13:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		72 - 124		03/08/21 13:48	1
Dibromofluoromethane	93		75 - 120		03/08/21 13:48	1
1,2-Dichloroethane-d4 (Surr)	83		75 - 126		03/08/21 13:48	1
Toluene-d8 (Surr)	103		75 - 120		03/08/21 13:48	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 865 Hillside Trl DW

Lab Sample ID: 500-195517-2

Date Collected: 02/26/21 10:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/08/21 14:13	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 14:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 14:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 14:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 14:13	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 14:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 14:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 14:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 14:13	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 14:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 14:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 14:13	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 14:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 14:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 14:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 14:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 14:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 14:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 14:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 14:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 14:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 14:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 14:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 14:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 14:13	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 14:13	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 14:13	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 14:13	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 14:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 14:13	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 14:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 14:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 14:13	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 14:13	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 14:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 14:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 14:13	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 14:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 14:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 14:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 14:13	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/08/21 14:13	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 865 Hillside Trl DW

Lab Sample ID: 500-195517-2

Date Collected: 02/26/21 10:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 14:13	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 14:13	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 14:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 14:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 14:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 14:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 14:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 14:13	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/08/21 14:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 14:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 14:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 14:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 14:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 14:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		72 - 124					03/08/21 14:13	1
Dibromofluoromethane	93		75 - 120					03/08/21 14:13	1
1,2-Dichloroethane-d4 (Surr)	83		75 - 126					03/08/21 14:13	1
Toluene-d8 (Surr)	103		75 - 120					03/08/21 14:13	1



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March 15, 2021

Vini & Glenda Manchanda
890 Fraser Lane
Hudson, WI 54016

Dear Vini & Glenda:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/21/21	3/3/21	2,012,980	264,640	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 890 Fraser Ln Raw

Lab Sample ID: 500-195659-3

Date Collected: 03/03/21 10:30

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/09/21 14:47	1
Benzene	<0.15		0.50	0.15	ug/L			03/09/21 14:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/09/21 14:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/09/21 14:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/09/21 14:47	1
Bromoform	<0.48		1.0	0.48	ug/L			03/09/21 14:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/09/21 14:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/21 14:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/09/21 14:47	1
Chloroform	<0.37		2.0	0.37	ug/L			03/09/21 14:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/09/21 14:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/09/21 14:47	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/09/21 14:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/09/21 14:47	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			03/09/21 14:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/09/21 14:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/09/21 14:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/09/21 14:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/09/21 14:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/09/21 14:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/09/21 14:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/09/21 14:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/21 14:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/09/21 14:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/09/21 14:47	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/09/21 14:47	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/09/21 14:47	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/21 14:47	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/09/21 14:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/09/21 14:47	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/09/21 14:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/09/21 14:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/09/21 14:47	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/09/21 14:47	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/09/21 14:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/09/21 14:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 14:47	1
Styrene	<0.39		1.0	0.39	ug/L			03/09/21 14:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 14:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/09/21 14:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/21 14:47	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/09/21 14:47	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 890 Fraser Ln Raw

Lab Sample ID: 500-195659-3

Date Collected: 03/03/21 10:30

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/09/21 14:47	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/21 14:47	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/09/21 14:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/09/21 14:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/09/21 14:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/09/21 14:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/21 14:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/21 14:47	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/09/21 14:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/09/21 14:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/09/21 14:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/09/21 14:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/09/21 14:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/09/21 14:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/09/21 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		03/09/21 14:47	1
Dibromofluoromethane	93		75 - 120		03/09/21 14:47	1
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		03/09/21 14:47	1
Toluene-d8 (Surr)	96		75 - 120		03/09/21 14:47	1



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March 15, 2021

Jeff and Marlene Meyer
935 Fraser Lane
Hudson, WI 54016

Dear Jeff and Marlene:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.2 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/19/21	2/26/21	1,176,170	172,100	1.2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 935 Fraser Ln Raw

Lab Sample ID: 500-195517-4

Date Collected: 02/26/21 11:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/08/21 15:02	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 15:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 15:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 15:02	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 15:02	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 15:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 15:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 15:02	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 15:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 15:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 15:02	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 15:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 15:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 15:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 15:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 15:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 15:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 15:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 15:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 15:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 15:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 15:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 15:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 15:02	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:02	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 15:02	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 15:02	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 15:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 15:02	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 15:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 15:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 15:02	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 15:02	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 15:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:02	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 15:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:02	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 15:02	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 15:02	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/08/21 15:02	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 935 Fraser Ln Raw

Lab Sample ID: 500-195517-4

Date Collected: 02/26/21 11:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 15:02	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 15:02	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 15:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 15:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 15:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 15:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 15:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 15:02	1
Trichloroethylene	1.2		0.50	0.16	ug/L			03/08/21 15:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 15:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 15:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 15:02	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 15:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124					03/08/21 15:02	1
Dibromofluoromethane	95		75 - 120					03/08/21 15:02	1
1,2-Dichloroethane-d4 (Surr)	85		75 - 126					03/08/21 15:02	1
Toluene-d8 (Surr)	102		75 - 120					03/08/21 15:02	1



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March 15, 2021

Dan & Rachel Dyer
962 Bakken Road
Hudson, WI 54016

Dear Dan & Rachel:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.0 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/6/21	2/26/21	1,240,970	44,150	1	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 962 Bakken Rd Raw

Lab Sample ID: 500-195517-5

Date Collected: 02/26/21 12:00

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/08/21 15:27	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 15:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 15:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 15:27	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 15:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 15:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 15:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 15:27	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 15:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 15:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 15:27	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 15:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 15:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 15:27	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 15:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 15:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 15:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 15:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 15:27	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 15:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 15:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 15:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 15:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 15:27	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:27	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 15:27	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 15:27	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 15:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 15:27	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 15:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 15:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 15:27	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 15:27	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 15:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:27	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 15:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:27	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 15:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 15:27	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/08/21 15:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 962 Bakken Rd Raw

Lab Sample ID: 500-195517-5

Date Collected: 02/26/21 12:00

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 15:27	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 15:27	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 15:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 15:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 15:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 15:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 15:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 15:27	1
Trichloroethylene	1.0		0.50	0.16	ug/L			03/08/21 15:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 15:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 15:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 15:27	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 15:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		03/08/21 15:27	1
Dibromofluoromethane	94		75 - 120		03/08/21 15:27	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 126		03/08/21 15:27	1
Toluene-d8 (Surr)	102		75 - 120		03/08/21 15:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 962 Bakken Rd DW

Lab Sample ID: 500-195517-6

Date Collected: 02/26/21 12:00

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/08/21 15:52	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 15:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 15:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 15:52	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 15:52	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 15:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 15:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 15:52	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 15:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 15:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 15:52	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 15:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 15:52	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 15:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 15:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 15:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 15:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 15:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 15:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 15:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 15:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 15:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 15:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 15:52	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:52	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 15:52	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 15:52	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 15:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 15:52	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 15:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 15:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 15:52	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 15:52	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 15:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:52	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 15:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 15:52	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 15:52	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 15:52	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/08/21 15:52	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 962 Bakken Rd DW

Lab Sample ID: 500-195517-6

Date Collected: 02/26/21 12:00

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 15:52	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 15:52	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 15:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 15:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 15:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 15:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 15:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 15:52	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/08/21 15:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 15:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 15:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 15:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 15:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 15:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		72 - 124		03/08/21 15:52	1
Dibromofluoromethane	98		75 - 120		03/08/21 15:52	1
1,2-Dichloroethane-d4 (Surr)	87		75 - 126		03/08/21 15:52	1
Toluene-d8 (Surr)	100		75 - 120		03/08/21 15:52	1



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March 15, 2021

Jerry & Meghan Vinopal
978 Katner Court
Hudson, WI 54016

Dear Jerry & Meghan:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
3/13/19	3/3/21	834,190	179,500	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 978 Katner Ct Raw

Lab Sample ID: 500-195659-4

Date Collected: 03/03/21 11:00

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/09/21 15:14	1
Benzene	<0.15		0.50	0.15	ug/L			03/09/21 15:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/09/21 15:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/09/21 15:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/09/21 15:14	1
Bromoform	<0.48		1.0	0.48	ug/L			03/09/21 15:14	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/09/21 15:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/09/21 15:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/09/21 15:14	1
Chloroform	<0.37		2.0	0.37	ug/L			03/09/21 15:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/09/21 15:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/09/21 15:14	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/09/21 15:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/09/21 15:14	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			03/09/21 15:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/09/21 15:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/09/21 15:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/09/21 15:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/09/21 15:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/09/21 15:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/09/21 15:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/09/21 15:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/09/21 15:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/09/21 15:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/09/21 15:14	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/09/21 15:14	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/09/21 15:14	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/09/21 15:14	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/09/21 15:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/09/21 15:14	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/09/21 15:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/09/21 15:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/09/21 15:14	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/09/21 15:14	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/09/21 15:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/09/21 15:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 15:14	1
Styrene	<0.39		1.0	0.39	ug/L			03/09/21 15:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/09/21 15:14	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/09/21 15:14	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/09/21 15:14	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/09/21 15:14	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195659-1

Client Sample ID: 978 Katner Ct Raw

Lab Sample ID: 500-195659-4

Date Collected: 03/03/21 11:00

Matrix: Water

Date Received: 03/05/21 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/09/21 15:14	1
Toluene	<0.15		0.50	0.15	ug/L			03/09/21 15:14	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/09/21 15:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/09/21 15:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/09/21 15:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/09/21 15:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/09/21 15:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/09/21 15:14	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/09/21 15:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/09/21 15:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/09/21 15:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/09/21 15:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/09/21 15:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/09/21 15:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/09/21 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					03/09/21 15:14	1
Dibromofluoromethane	93		75 - 120					03/09/21 15:14	1
1,2-Dichloroethane-d4 (Surr)	112		75 - 126					03/09/21 15:14	1
Toluene-d8 (Surr)	93		75 - 120					03/09/21 15:14	1



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March 15, 2021

Nick Peyer
982 Marcy's Court
Hudson, WI 54016

Dear Nick:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
5/3/19	2/26/21	1,076,130	120,870	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 982 Marcys Ct Raw

Lab Sample ID: 500-195517-7

Date Collected: 02/26/21 12:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			03/08/21 16:17	1
Benzene	<0.15		0.50	0.15	ug/L			03/08/21 16:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			03/08/21 16:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			03/08/21 16:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			03/08/21 16:17	1
Bromoform	<0.48		1.0	0.48	ug/L			03/08/21 16:17	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			03/08/21 16:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/08/21 16:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
Chloroethane	<0.51		1.0	0.51	ug/L			03/08/21 16:17	1
Chloroform	<0.37		2.0	0.37	ug/L			03/08/21 16:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			03/08/21 16:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			03/08/21 16:17	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			03/08/21 16:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			03/08/21 16:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			03/08/21 16:17	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			03/08/21 16:17	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			03/08/21 16:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			03/08/21 16:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			03/08/21 16:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			03/08/21 16:17	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			03/08/21 16:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			03/08/21 16:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/08/21 16:17	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			03/08/21 16:17	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			03/08/21 16:17	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			03/08/21 16:17	1
Methyl bromide	<0.80		3.0	0.80	ug/L			03/08/21 16:17	1
Methyl chloride	<0.32		1.0	0.32	ug/L			03/08/21 16:17	1
Methylene bromide	<0.27		1.0	0.27	ug/L			03/08/21 16:17	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			03/08/21 16:17	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			03/08/21 16:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
Naphthalene	<0.34		1.0	0.34	ug/L			03/08/21 16:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			03/08/21 16:17	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			03/08/21 16:17	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			03/08/21 16:17	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			03/08/21 16:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 16:17	1
Styrene	<0.39		1.0	0.39	ug/L			03/08/21 16:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			03/08/21 16:17	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			03/08/21 16:17	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/08/21 16:17	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			03/08/21 16:17	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-195517-1

Client Sample ID: 982 Marcys Ct Raw

Lab Sample ID: 500-195517-7

Date Collected: 02/26/21 12:30

Matrix: Water

Date Received: 03/03/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			03/08/21 16:17	1
Toluene	<0.15		0.50	0.15	ug/L			03/08/21 16:17	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			03/08/21 16:17	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			03/08/21 16:17	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			03/08/21 16:17	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			03/08/21 16:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/08/21 16:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/08/21 16:17	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			03/08/21 16:17	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			03/08/21 16:17	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			03/08/21 16:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			03/08/21 16:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			03/08/21 16:17	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/08/21 16:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			03/08/21 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		72 - 124		03/08/21 16:17	1
Dibromofluoromethane	95		75 - 120		03/08/21 16:17	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		03/08/21 16:17	1
Toluene-d8 (Surr)	103		75 - 120		03/08/21 16:17	1



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February 24, 2021

Steve Lucksinger
767 McCutcheon Road
Hudson, WI 54016

Dear Steve:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.2 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
10/25/18	2/11/21	1,319,330	189,460	1.2	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 767 McCutcheon Rd Raw

Lab Sample ID: 500-194991-1

Date Collected: 02/11/21 13:00

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/21/21 13:27	1
Benzene	<0.15		0.50	0.15	ug/L			02/21/21 13:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/21/21 13:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/21/21 13:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/21/21 13:27	1
Bromoform	<0.48		1.0	0.48	ug/L			02/21/21 13:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/21/21 13:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/21/21 13:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/21/21 13:27	1
Chloroform	<0.37		2.0	0.37	ug/L			02/21/21 13:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/21/21 13:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/21/21 13:27	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/21/21 13:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/21/21 13:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/21/21 13:27	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/21/21 13:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/21/21 13:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/21/21 13:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/21/21 13:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/21/21 13:27	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/21/21 13:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/21/21 13:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/21/21 13:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/21/21 13:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/21/21 13:27	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/21/21 13:27	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/21/21 13:27	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/21/21 13:27	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/21/21 13:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/21/21 13:27	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/21/21 13:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/21/21 13:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/21/21 13:27	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/21/21 13:27	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/21/21 13:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/21/21 13:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/21/21 13:27	1
Styrene	<0.39		1.0	0.39	ug/L			02/21/21 13:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/21/21 13:27	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/21/21 13:27	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/21/21 13:27	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/21/21 13:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 767 McCutcheon Rd Raw

Lab Sample ID: 500-194991-1

Date Collected: 02/11/21 13:00

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/21/21 13:27	1
Toluene	<0.15		0.50	0.15	ug/L			02/21/21 13:27	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/21/21 13:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/21/21 13:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/21/21 13:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/21/21 13:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/21/21 13:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/21/21 13:27	1
Trichloroethylene	1.2		0.50	0.16	ug/L			02/21/21 13:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/21/21 13:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/21/21 13:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/21/21 13:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/21/21 13:27	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/21/21 13:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/21/21 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124					02/21/21 13:27	1
Dibromofluoromethane	97		75 - 120					02/21/21 13:27	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126					02/21/21 13:27	1
Toluene-d8 (Surr)	103		75 - 120					02/21/21 13:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 767 McCutcheon Rd DW

Lab Sample ID: 500-194991-2

Date Collected: 02/11/21 13:00

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/21/21 13:52	1
Benzene	<0.15		0.50	0.15	ug/L			02/21/21 13:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/21/21 13:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/21/21 13:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/21/21 13:52	1
Bromoform	<0.48		1.0	0.48	ug/L			02/21/21 13:52	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/21/21 13:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/21/21 13:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/21/21 13:52	1
Chloroform	<0.37		2.0	0.37	ug/L			02/21/21 13:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/21/21 13:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/21/21 13:52	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/21/21 13:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/21/21 13:52	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/21/21 13:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/21/21 13:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/21/21 13:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/21/21 13:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/21/21 13:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/21/21 13:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/21/21 13:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/21/21 13:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/21/21 13:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/21/21 13:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/21/21 13:52	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/21/21 13:52	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/21/21 13:52	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/21/21 13:52	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/21/21 13:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/21/21 13:52	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/21/21 13:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/21/21 13:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/21/21 13:52	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/21/21 13:52	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/21/21 13:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/21/21 13:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/21/21 13:52	1
Styrene	<0.39		1.0	0.39	ug/L			02/21/21 13:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/21/21 13:52	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/21/21 13:52	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/21/21 13:52	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/21/21 13:52	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 767 McCutcheon Rd DW

Lab Sample ID: 500-194991-2

Date Collected: 02/11/21 13:00

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/21/21 13:52	1
Toluene	<0.15		0.50	0.15	ug/L			02/21/21 13:52	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/21/21 13:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/21/21 13:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/21/21 13:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/21/21 13:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/21/21 13:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/21/21 13:52	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/21/21 13:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/21/21 13:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/21/21 13:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/21/21 13:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/21/21 13:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/21/21 13:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/21/21 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124					02/21/21 13:52	1
Dibromofluoromethane	94		75 - 120					02/21/21 13:52	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126					02/21/21 13:52	1
Toluene-d8 (Surr)	102		75 - 120					02/21/21 13:52	1



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February 24, 2021

Mark Witzel
892 Gavin Pass
Hudson, WI 54016

Dear David & Jill:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water in relation to the Junker Landfill. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Toluene was detected at 0.22 ppb in the Raw water sample. This value was reported between the limit of detection and limit of quantitation. The Preventive Action Limit and Enforcement Standard for this compound are 160 ppm and 800 ppb, respectively. Therefore, this detection is below the PAL and ES.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 892 Gavin Pass Raw

Lab Sample ID: 500-194991-4

Date Collected: 02/17/21 10:15

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/19/21 17:24	1
Benzene	<0.15		0.50	0.15	ug/L			02/19/21 17:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/19/21 17:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/19/21 17:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/19/21 17:24	1
Bromoform	<0.48		1.0	0.48	ug/L			02/19/21 17:24	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/19/21 17:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/19/21 17:24	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/19/21 17:24	1
Chloroform	<0.37		2.0	0.37	ug/L			02/19/21 17:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/19/21 17:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/19/21 17:24	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/19/21 17:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/19/21 17:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/19/21 17:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/19/21 17:24	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/19/21 17:24	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/19/21 17:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/19/21 17:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/19/21 17:24	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/19/21 17:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/19/21 17:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/19/21 17:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/19/21 17:24	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/19/21 17:24	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/19/21 17:24	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/19/21 17:24	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/19/21 17:24	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/19/21 17:24	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/19/21 17:24	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/19/21 17:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/19/21 17:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/19/21 17:24	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/19/21 17:24	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/19/21 17:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/19/21 17:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/19/21 17:24	1
Styrene	<0.39		1.0	0.39	ug/L			02/19/21 17:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/19/21 17:24	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/19/21 17:24	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/19/21 17:24	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/19/21 17:24	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 892 Gavin Pass Raw

Lab Sample ID: 500-194991-4

Date Collected: 02/17/21 10:15

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/19/21 17:24	1
Toluene	0.22	J	0.50	0.15	ug/L			02/19/21 17:24	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/19/21 17:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/19/21 17:24	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/19/21 17:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/19/21 17:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/19/21 17:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/19/21 17:24	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/19/21 17:24	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/19/21 17:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/19/21 17:24	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/19/21 17:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/19/21 17:24	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/19/21 17:24	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/19/21 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124					02/19/21 17:24	1
Dibromofluoromethane	102		75 - 120					02/19/21 17:24	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 126					02/19/21 17:24	1
Toluene-d8 (Surr)	98		75 - 120					02/19/21 17:24	1



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February 24, 2021

Melanie & John Tevik
962 LaBarge Road
Hudson, WI 54016

Dear Melanie & John:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.3 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (PAL), 0.5 ppb, but below the Enforcement Standard (ES), 5.0 ppb, established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Toluene was detected at 0.32 ppb in the Raw water sample. This value was reported between the limit of detection and limit of quantitation. The PAL and ES for this compound are 160 ppm and 800 ppb, respectively. Therefore, this detection is below the PAL and ES.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/4/20	2/11/21	1,834,390	47,720	1.3	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 962 Labarge Rd Raw

Lab Sample ID: 500-194991-3

Date Collected: 02/11/21 13:30

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/19/21 17:00	1
Benzene	<0.15		0.50	0.15	ug/L			02/19/21 17:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/19/21 17:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/19/21 17:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/19/21 17:00	1
Bromoform	<0.48		1.0	0.48	ug/L			02/19/21 17:00	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/19/21 17:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/19/21 17:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/19/21 17:00	1
Chloroform	<0.37		2.0	0.37	ug/L			02/19/21 17:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/19/21 17:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/19/21 17:00	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/19/21 17:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/19/21 17:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/19/21 17:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/19/21 17:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/19/21 17:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/19/21 17:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/19/21 17:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/19/21 17:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/19/21 17:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/19/21 17:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/19/21 17:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/19/21 17:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/19/21 17:00	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/19/21 17:00	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/19/21 17:00	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/19/21 17:00	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/19/21 17:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/19/21 17:00	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/19/21 17:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/19/21 17:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/19/21 17:00	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/19/21 17:00	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/19/21 17:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/19/21 17:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/19/21 17:00	1
Styrene	<0.39		1.0	0.39	ug/L			02/19/21 17:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/19/21 17:00	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/19/21 17:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/19/21 17:00	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/19/21 17:00	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194991-1

Client Sample ID: 962 Labarge Rd Raw

Lab Sample ID: 500-194991-3

Date Collected: 02/11/21 13:30

Matrix: Water

Date Received: 02/18/21 11:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/19/21 17:00	1
Toluene	0.32	J	0.50	0.15	ug/L			02/19/21 17:00	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/19/21 17:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/19/21 17:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/19/21 17:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/19/21 17:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/19/21 17:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/19/21 17:00	1
Trichloroethylene	1.3		0.50	0.16	ug/L			02/19/21 17:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/19/21 17:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/19/21 17:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/19/21 17:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/19/21 17:00	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/19/21 17:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/19/21 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		02/19/21 17:00	1
Dibromofluoromethane	103		75 - 120		02/19/21 17:00	1
1,2-Dichloroethane-d4 (Surr)	106		75 - 126		02/19/21 17:00	1
Toluene-d8 (Surr)	97		75 - 120		02/19/21 17:00	1



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February 15, 2021

Kenneth & Beverly Heutmaker
698 Pine Timber Lane
Hudson, WI 54016

Dear Kenneth & Beverly:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.99 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Acetone was detected in the Raw sample. This compound is known lab contaminant. Any low-level detections of this compound may be suspected as lab contamination.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/24/20	2/2/21	1,086,810	72,000	0.99	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 698 Pine Timber Raw

Lab Sample ID: 500-194524-4

Date Collected: 02/02/21 14:30

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.1	J	10	1.7	ug/L			02/08/21 14:18	1
Benzene	<0.15		0.50	0.15	ug/L			02/08/21 14:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/08/21 14:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/08/21 14:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/08/21 14:18	1
Bromoform	<0.48		1.0	0.48	ug/L			02/08/21 14:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/08/21 14:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/08/21 14:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/08/21 14:18	1
Chloroform	<0.37		2.0	0.37	ug/L			02/08/21 14:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/08/21 14:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/08/21 14:18	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/08/21 14:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/08/21 14:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/08/21 14:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/08/21 14:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/08/21 14:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/08/21 14:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/08/21 14:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/08/21 14:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/08/21 14:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/08/21 14:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/08/21 14:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/08/21 14:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/08/21 14:18	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/08/21 14:18	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/08/21 14:18	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/08/21 14:18	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/08/21 14:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/08/21 14:18	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/08/21 14:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/08/21 14:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/08/21 14:18	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/08/21 14:18	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/08/21 14:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/08/21 14:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 14:18	1
Styrene	<0.39		1.0	0.39	ug/L			02/08/21 14:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 14:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/08/21 14:18	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/08/21 14:18	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/08/21 14:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 698 Pine Timber Raw

Lab Sample ID: 500-194524-4

Date Collected: 02/02/21 14:30

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/08/21 14:18	1
Toluene	<0.15		0.50	0.15	ug/L			02/08/21 14:18	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/08/21 14:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/08/21 14:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/08/21 14:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/08/21 14:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/08/21 14:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/08/21 14:18	1
Trichloroethylene	0.99		0.50	0.16	ug/L			02/08/21 14:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/08/21 14:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/08/21 14:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/08/21 14:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/08/21 14:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/08/21 14:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/08/21 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		02/08/21 14:18	1
Dibromofluoromethane	94		75 - 120		02/08/21 14:18	1
1,2-Dichloroethane-d4 (Surr)	83		75 - 126		02/08/21 14:18	1
Toluene-d8 (Surr)	103		75 - 120		02/08/21 14:18	1



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February 15, 2021

Jeff and Maureen Waid
714 Paul Burch Dr.
Hudson, WI 54016

Dear Jeff and Maureen:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/7/20	1/25/21	1,413,240	112,570	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 714 Paul Burch Dr Raw

Lab Sample ID: 500-194177-4

Date Collected: 01/25/21 11:30

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/01/21 14:19	1
Benzene	<0.15		0.50	0.15	ug/L			02/01/21 14:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/01/21 14:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/01/21 14:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/01/21 14:19	1
Bromoform	<0.48		1.0	0.48	ug/L			02/01/21 14:19	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/01/21 14:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/01/21 14:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/01/21 14:19	1
Chloroform	<0.37		2.0	0.37	ug/L			02/01/21 14:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/01/21 14:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/01/21 14:19	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/01/21 14:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/01/21 14:19	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			02/01/21 14:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/01/21 14:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/01/21 14:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/01/21 14:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/01/21 14:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/01/21 14:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/01/21 14:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/01/21 14:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/01/21 14:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/01/21 14:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/01/21 14:19	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/01/21 14:19	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/01/21 14:19	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/01/21 14:19	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/01/21 14:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/01/21 14:19	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/01/21 14:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/01/21 14:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/01/21 14:19	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/01/21 14:19	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/01/21 14:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/01/21 14:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 14:19	1
Styrene	<0.39		1.0	0.39	ug/L			02/01/21 14:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 14:19	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/01/21 14:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/01/21 14:19	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/01/21 14:19	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 714 Paul Burch Dr Raw

Lab Sample ID: 500-194177-4

Date Collected: 01/25/21 11:30

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/01/21 14:19	1
Toluene	<0.15		0.50	0.15	ug/L			02/01/21 14:19	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/01/21 14:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/01/21 14:19	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/01/21 14:19	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/01/21 14:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/01/21 14:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/01/21 14:19	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/01/21 14:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/01/21 14:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/01/21 14:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/01/21 14:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/01/21 14:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/01/21 14:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/01/21 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					02/01/21 14:19	1
Dibromofluoromethane	88		75 - 120					02/01/21 14:19	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126					02/01/21 14:19	1
Toluene-d8 (Surr)	94		75 - 120					02/01/21 14:19	1



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February 15, 2021

Mike & Hong Nelson
721 Paul Burch Drive
Hudson, WI 54016

Dear Mike & Hong:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/8/20	1/25/21	944,110	93,460	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 721 Paul Burch Dr Raw

Lab Sample ID: 500-194177-2

Date Collected: 01/25/21 10:30

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/01/21 13:25	1
Benzene	<0.15		0.50	0.15	ug/L			02/01/21 13:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/01/21 13:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/01/21 13:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/01/21 13:25	1
Bromoform	<0.48		1.0	0.48	ug/L			02/01/21 13:25	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/01/21 13:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/01/21 13:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/01/21 13:25	1
Chloroform	<0.37		2.0	0.37	ug/L			02/01/21 13:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/01/21 13:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/01/21 13:25	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/01/21 13:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/01/21 13:25	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			02/01/21 13:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/01/21 13:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/01/21 13:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/01/21 13:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/01/21 13:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/01/21 13:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/01/21 13:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/01/21 13:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/01/21 13:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/01/21 13:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/01/21 13:25	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/01/21 13:25	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/01/21 13:25	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/01/21 13:25	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/01/21 13:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/01/21 13:25	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/01/21 13:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/01/21 13:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/01/21 13:25	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/01/21 13:25	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/01/21 13:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/01/21 13:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 13:25	1
Styrene	<0.39		1.0	0.39	ug/L			02/01/21 13:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 13:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/01/21 13:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/01/21 13:25	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/01/21 13:25	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 721 Paul Burch Dr Raw

Lab Sample ID: 500-194177-2

Date Collected: 01/25/21 10:30

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/01/21 13:25	1
Toluene	<0.15		0.50	0.15	ug/L			02/01/21 13:25	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/01/21 13:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/01/21 13:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/01/21 13:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/01/21 13:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/01/21 13:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/01/21 13:25	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/01/21 13:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/01/21 13:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/01/21 13:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/01/21 13:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/01/21 13:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/01/21 13:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/01/21 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		02/01/21 13:25	1
Dibromofluoromethane	87		75 - 120		02/01/21 13:25	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		02/01/21 13:25	1
Toluene-d8 (Surr)	95		75 - 120		02/01/21 13:25	1



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February 15, 2021

Anthony & Jackie Beaudry
758 McCutcheon Rd
Hudson, WI 54016

Dear Anthony & Jackie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.89 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Acetone was detected in the Raw and DW sample. This compound is known lab contaminant. Any low-level detections of this compound may be suspected as lab contamination.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/1/20	2/2/21	1,801,430	98,170	0.89	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 758 McCutcheon Raw

Lab Sample ID: 500-194524-1

Date Collected: 02/02/21 13:30

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	J	10	1.7	ug/L			02/08/21 13:04	1
Benzene	<0.15		0.50	0.15	ug/L			02/08/21 13:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/08/21 13:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/08/21 13:04	1
Bromoform	<0.48		1.0	0.48	ug/L			02/08/21 13:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/08/21 13:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/08/21 13:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/08/21 13:04	1
Chloroform	<0.37		2.0	0.37	ug/L			02/08/21 13:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/08/21 13:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/08/21 13:04	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/08/21 13:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/08/21 13:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/08/21 13:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/08/21 13:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/08/21 13:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/08/21 13:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/08/21 13:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/08/21 13:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/08/21 13:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/08/21 13:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/08/21 13:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/08/21 13:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/08/21 13:04	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:04	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/08/21 13:04	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/08/21 13:04	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/08/21 13:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/08/21 13:04	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/08/21 13:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/08/21 13:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/08/21 13:04	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/08/21 13:04	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/08/21 13:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:04	1
Styrene	<0.39		1.0	0.39	ug/L			02/08/21 13:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/08/21 13:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/08/21 13:04	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/08/21 13:04	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 758 McCutcheon Raw

Lab Sample ID: 500-194524-1

Date Collected: 02/02/21 13:30

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/08/21 13:04	1
Toluene	<0.15		0.50	0.15	ug/L			02/08/21 13:04	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/08/21 13:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/08/21 13:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/08/21 13:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/08/21 13:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/08/21 13:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/08/21 13:04	1
Trichloroethylene	0.89		0.50	0.16	ug/L			02/08/21 13:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/08/21 13:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/08/21 13:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/08/21 13:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/08/21 13:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/08/21 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124					02/08/21 13:04	1
Dibromofluoromethane	90		75 - 120					02/08/21 13:04	1
1,2-Dichloroethane-d4 (Surr)	79		75 - 126					02/08/21 13:04	1
Toluene-d8 (Surr)	105		75 - 120					02/08/21 13:04	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 758 McCutcheon DW

Lab Sample ID: 500-194524-2

Date Collected: 02/02/21 13:35

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.8	J	10	1.7	ug/L			02/08/21 13:29	1
Benzene	<0.15		0.50	0.15	ug/L			02/08/21 13:29	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:29	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/08/21 13:29	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/08/21 13:29	1
Bromoform	<0.48		1.0	0.48	ug/L			02/08/21 13:29	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/08/21 13:29	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/08/21 13:29	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/08/21 13:29	1
Chloroform	<0.37		2.0	0.37	ug/L			02/08/21 13:29	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/08/21 13:29	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/08/21 13:29	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/08/21 13:29	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/08/21 13:29	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/08/21 13:29	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/08/21 13:29	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/08/21 13:29	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/08/21 13:29	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/08/21 13:29	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/08/21 13:29	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/08/21 13:29	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/08/21 13:29	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/08/21 13:29	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/08/21 13:29	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/08/21 13:29	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:29	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/08/21 13:29	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/08/21 13:29	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/08/21 13:29	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/08/21 13:29	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/08/21 13:29	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/08/21 13:29	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/08/21 13:29	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/08/21 13:29	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:29	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/08/21 13:29	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:29	1
Styrene	<0.39		1.0	0.39	ug/L			02/08/21 13:29	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:29	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/08/21 13:29	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/08/21 13:29	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/08/21 13:29	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 758 McCutcheon DW

Lab Sample ID: 500-194524-2

Date Collected: 02/02/21 13:35

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/08/21 13:29	1
Toluene	<0.15		0.50	0.15	ug/L			02/08/21 13:29	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/08/21 13:29	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/08/21 13:29	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/08/21 13:29	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/08/21 13:29	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/08/21 13:29	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/08/21 13:29	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/08/21 13:29	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/08/21 13:29	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/08/21 13:29	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:29	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/08/21 13:29	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/08/21 13:29	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/08/21 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		02/08/21 13:29	1
Dibromofluoromethane	93		75 - 120		02/08/21 13:29	1
1,2-Dichloroethane-d4 (Surr)	82		75 - 126		02/08/21 13:29	1
Toluene-d8 (Surr)	104		75 - 120		02/08/21 13:29	1



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February 15, 2021

Dean Jr. & Carin Kern
875 Jane Circle
Hudson, WI 54016

Dear Dean Jr. & Carin:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.25 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is below the Preventive Action Limit (0.5 ppb) and below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/28/20	1/25/21	1,435,030	76,570	0.25 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 875 Jane Circle Raw

Lab Sample ID: 500-194177-1

Date Collected: 01/25/21 10:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/01/21 12:58	1
Benzene	<0.15		0.50	0.15	ug/L			02/01/21 12:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/01/21 12:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/01/21 12:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/01/21 12:58	1
Bromoform	<0.48		1.0	0.48	ug/L			02/01/21 12:58	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/01/21 12:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/01/21 12:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/01/21 12:58	1
Chloroform	<0.37		2.0	0.37	ug/L			02/01/21 12:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/01/21 12:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/01/21 12:58	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/01/21 12:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/01/21 12:58	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			02/01/21 12:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/01/21 12:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/01/21 12:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/01/21 12:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/01/21 12:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/01/21 12:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/01/21 12:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/01/21 12:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/01/21 12:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/01/21 12:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/01/21 12:58	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/01/21 12:58	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/01/21 12:58	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/01/21 12:58	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/01/21 12:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/01/21 12:58	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/01/21 12:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/01/21 12:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/01/21 12:58	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/01/21 12:58	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/01/21 12:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/01/21 12:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 12:58	1
Styrene	<0.39		1.0	0.39	ug/L			02/01/21 12:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 12:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/01/21 12:58	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/01/21 12:58	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/01/21 12:58	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 875 Jane Circle Raw

Lab Sample ID: 500-194177-1

Date Collected: 01/25/21 10:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/01/21 12:58	1
Toluene	<0.15		0.50	0.15	ug/L			02/01/21 12:58	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/01/21 12:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/01/21 12:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/01/21 12:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/01/21 12:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/01/21 12:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/01/21 12:58	1
Trichloroethylene	0.25	J	0.50	0.16	ug/L			02/01/21 12:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/01/21 12:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/01/21 12:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/01/21 12:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/01/21 12:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/01/21 12:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/01/21 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		02/01/21 12:58	1
Dibromofluoromethane	86		75 - 120		02/01/21 12:58	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		02/01/21 12:58	1
Toluene-d8 (Surr)	94		75 - 120		02/01/21 12:58	1



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February 15, 2021

Jeremiah & Traci Otting
878 Yellowstone Trail
Hudson, WI 54016

Dear Jeremiah & Traci:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/17/20	1/25/21	332,410	73,980	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 878 Yellowstone Trl Raw

Lab Sample ID: 500-194177-5

Date Collected: 01/25/21 12:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/01/21 14:47	1
Benzene	<0.15		0.50	0.15	ug/L			02/01/21 14:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/01/21 14:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/01/21 14:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/01/21 14:47	1
Bromoform	<0.48		1.0	0.48	ug/L			02/01/21 14:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/01/21 14:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/01/21 14:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/01/21 14:47	1
Chloroform	<0.37		2.0	0.37	ug/L			02/01/21 14:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/01/21 14:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/01/21 14:47	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/01/21 14:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/01/21 14:47	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			02/01/21 14:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/01/21 14:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/01/21 14:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/01/21 14:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/01/21 14:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/01/21 14:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/01/21 14:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/01/21 14:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/01/21 14:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/01/21 14:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/01/21 14:47	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/01/21 14:47	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/01/21 14:47	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/01/21 14:47	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/01/21 14:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/01/21 14:47	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/01/21 14:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/01/21 14:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/01/21 14:47	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/01/21 14:47	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/01/21 14:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/01/21 14:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 14:47	1
Styrene	<0.39		1.0	0.39	ug/L			02/01/21 14:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 14:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/01/21 14:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/01/21 14:47	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/01/21 14:47	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 878 Yellowstone Trl Raw

Lab Sample ID: 500-194177-5

Date Collected: 01/25/21 12:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/01/21 14:47	1
Toluene	<0.15		0.50	0.15	ug/L			02/01/21 14:47	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/01/21 14:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/01/21 14:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/01/21 14:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/01/21 14:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/01/21 14:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/01/21 14:47	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/01/21 14:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/01/21 14:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/01/21 14:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/01/21 14:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/01/21 14:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/01/21 14:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/01/21 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124					02/01/21 14:47	1
Dibromofluoromethane	89		75 - 120					02/01/21 14:47	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					02/01/21 14:47	1
Toluene-d8 (Surr)	95		75 - 120					02/01/21 14:47	1



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February 15, 2021

Gordon & Dana Keller
985 County Road A
Hudson, WI 54016

Dear Gordon & Dana:

The groundwater results for 981 County Road A are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/8/20	1/25/21	1,586,280	77,480	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 981 Co Rd A Raw

Lab Sample ID: 500-194177-6

Date Collected: 01/25/21 13:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/01/21 15:14	1
Benzene	<0.15		0.50	0.15	ug/L			02/01/21 15:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/01/21 15:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/01/21 15:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/01/21 15:14	1
Bromoform	<0.48		1.0	0.48	ug/L			02/01/21 15:14	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/01/21 15:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/01/21 15:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/01/21 15:14	1
Chloroform	<0.37		2.0	0.37	ug/L			02/01/21 15:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/01/21 15:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/01/21 15:14	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/01/21 15:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/01/21 15:14	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			02/01/21 15:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/01/21 15:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/01/21 15:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/01/21 15:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/01/21 15:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/01/21 15:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/01/21 15:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/01/21 15:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/01/21 15:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/01/21 15:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/01/21 15:14	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/01/21 15:14	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/01/21 15:14	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/01/21 15:14	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/01/21 15:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/01/21 15:14	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/01/21 15:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/01/21 15:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/01/21 15:14	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/01/21 15:14	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/01/21 15:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/01/21 15:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 15:14	1
Styrene	<0.39		1.0	0.39	ug/L			02/01/21 15:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 15:14	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/01/21 15:14	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/01/21 15:14	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/01/21 15:14	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 981 Co Rd A Raw

Lab Sample ID: 500-194177-6

Date Collected: 01/25/21 13:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/01/21 15:14	1
Toluene	<0.15		0.50	0.15	ug/L			02/01/21 15:14	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/01/21 15:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/01/21 15:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/01/21 15:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/01/21 15:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/01/21 15:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/01/21 15:14	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/01/21 15:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/01/21 15:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/01/21 15:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/01/21 15:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/01/21 15:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/01/21 15:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/01/21 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		72 - 124		02/01/21 15:14	1
Dibromofluoromethane	88		75 - 120		02/01/21 15:14	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		02/01/21 15:14	1
Toluene-d8 (Surr)	93		75 - 120		02/01/21 15:14	1



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February 15, 2021

Gordon & Dana Keller
985 County Road A
Hudson, WI 54016

Dear Gordon & Dana:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/15/20	1/25/21	1,974,470	148,580	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 985 Co Rd A Raw

Lab Sample ID: 500-194177-3

Date Collected: 01/25/21 11:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			02/01/21 13:52	1
Benzene	<0.15		0.50	0.15	ug/L			02/01/21 13:52	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/01/21 13:52	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/01/21 13:52	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/01/21 13:52	1
Bromoform	<0.48		1.0	0.48	ug/L			02/01/21 13:52	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/01/21 13:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/01/21 13:52	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/01/21 13:52	1
Chloroform	<0.37		2.0	0.37	ug/L			02/01/21 13:52	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/01/21 13:52	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/01/21 13:52	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/01/21 13:52	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/01/21 13:52	1
Dibromochloromethane	<0.49 *		1.0	0.49	ug/L			02/01/21 13:52	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/01/21 13:52	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/01/21 13:52	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/01/21 13:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/01/21 13:52	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/01/21 13:52	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/01/21 13:52	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/01/21 13:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/01/21 13:52	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/01/21 13:52	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/01/21 13:52	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/01/21 13:52	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/01/21 13:52	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/01/21 13:52	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/01/21 13:52	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/01/21 13:52	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/01/21 13:52	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/01/21 13:52	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/01/21 13:52	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/01/21 13:52	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/01/21 13:52	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/01/21 13:52	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 13:52	1
Styrene	<0.39		1.0	0.39	ug/L			02/01/21 13:52	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/01/21 13:52	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/01/21 13:52	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/01/21 13:52	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/01/21 13:52	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194177-1

Client Sample ID: 985 Co Rd A Raw

Lab Sample ID: 500-194177-3

Date Collected: 01/25/21 11:00

Matrix: Water

Date Received: 01/27/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/01/21 13:52	1
Toluene	<0.15		0.50	0.15	ug/L			02/01/21 13:52	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/01/21 13:52	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/01/21 13:52	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/01/21 13:52	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/01/21 13:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/01/21 13:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/01/21 13:52	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/01/21 13:52	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/01/21 13:52	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/01/21 13:52	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/01/21 13:52	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/01/21 13:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/01/21 13:52	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/01/21 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124					02/01/21 13:52	1
Dibromofluoromethane	88		75 - 120					02/01/21 13:52	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126					02/01/21 13:52	1
Toluene-d8 (Surr)	95		75 - 120					02/01/21 13:52	1



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February 15, 2021

Brenda & Thomas Youderian
1001 Tanney Lane
Hudson, WI 54016

Dear Brenda & Thomas:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Acetone was detected in the Raw sample. This compound is known lab contaminant. Any low-level detections of this compound may be suspected as lab contamination.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
12/3/20	2/2/21	1,176,740	66,850	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 1001 Tanney Raw

Lab Sample ID: 500-194524-3

Date Collected: 02/02/21 14:00

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J	10	1.7	ug/L			02/08/21 13:53	1
Benzene	<0.15		0.50	0.15	ug/L			02/08/21 13:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			02/08/21 13:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			02/08/21 13:53	1
Bromoform	<0.48		1.0	0.48	ug/L			02/08/21 13:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			02/08/21 13:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			02/08/21 13:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
Chloroethane	<0.51		1.0	0.51	ug/L			02/08/21 13:53	1
Chloroform	<0.37		2.0	0.37	ug/L			02/08/21 13:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			02/08/21 13:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			02/08/21 13:53	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			02/08/21 13:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			02/08/21 13:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			02/08/21 13:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			02/08/21 13:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			02/08/21 13:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			02/08/21 13:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			02/08/21 13:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			02/08/21 13:53	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			02/08/21 13:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			02/08/21 13:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			02/08/21 13:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			02/08/21 13:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			02/08/21 13:53	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:53	1
Methyl bromide	<0.80		3.0	0.80	ug/L			02/08/21 13:53	1
Methyl chloride	<0.32		1.0	0.32	ug/L			02/08/21 13:53	1
Methylene bromide	<0.27		1.0	0.27	ug/L			02/08/21 13:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			02/08/21 13:53	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			02/08/21 13:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			02/08/21 13:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			02/08/21 13:53	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			02/08/21 13:53	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			02/08/21 13:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:53	1
Styrene	<0.39		1.0	0.39	ug/L			02/08/21 13:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			02/08/21 13:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			02/08/21 13:53	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			02/08/21 13:53	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			02/08/21 13:53	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-194524-1

Client Sample ID: 1001 Tanney Raw

Lab Sample ID: 500-194524-3

Date Collected: 02/02/21 14:00

Matrix: Water

Date Received: 02/04/21 09:45

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			02/08/21 13:53	1
Toluene	<0.15		0.50	0.15	ug/L			02/08/21 13:53	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			02/08/21 13:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			02/08/21 13:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			02/08/21 13:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			02/08/21 13:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			02/08/21 13:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			02/08/21 13:53	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			02/08/21 13:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			02/08/21 13:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			02/08/21 13:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			02/08/21 13:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			02/08/21 13:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			02/08/21 13:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			02/08/21 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124					02/08/21 13:53	1
Dibromofluoromethane	94		75 - 120					02/08/21 13:53	1
1,2-Dichloroethane-d4 (Surr)	82		75 - 126					02/08/21 13:53	1
Toluene-d8 (Surr)	105		75 - 120					02/08/21 13:53	1



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February 11, 2021

Steve & Brittany Palme
761 Holden Lane
Hudson, WI 54016

Dear Steve & Brittany:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
10/7/20	1/18/21	270,130	70,430	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 761 Holden Ln Raw

Lab Sample ID: 500-193937-5

Date Collected: 01/18/21 12:30

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7	F1	10	1.7	ug/L			01/21/21 18:16	1
Benzene	<0.15		0.50	0.15	ug/L			01/21/21 18:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/21/21 18:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/21/21 18:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/21/21 18:16	1
Bromoform	<0.48		1.0	0.48	ug/L			01/21/21 18:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/21/21 18:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/21/21 18:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/21/21 18:16	1
Chloroform	<0.37		2.0	0.37	ug/L			01/21/21 18:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/21/21 18:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/21/21 18:16	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/21/21 18:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/21/21 18:16	1
Dibromochloromethane	<0.49	F1	1.0	0.49	ug/L			01/21/21 18:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/21/21 18:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/21/21 18:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/21/21 18:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/21/21 18:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/21/21 18:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/21/21 18:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/21/21 18:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/21/21 18:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/21/21 18:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/21/21 18:16	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/21/21 18:16	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/21/21 18:16	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/21/21 18:16	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/21/21 18:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/21/21 18:16	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/21/21 18:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/21/21 18:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/21/21 18:16	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/21/21 18:16	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/21/21 18:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/21/21 18:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 18:16	1
Styrene	<0.39		1.0	0.39	ug/L			01/21/21 18:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 18:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/21/21 18:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/21/21 18:16	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/21/21 18:16	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 761 Holden Ln Raw

Lab Sample ID: 500-193937-5

Date Collected: 01/18/21 12:30

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/21/21 18:16	1
Toluene	<0.15		0.50	0.15	ug/L			01/21/21 18:16	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/21/21 18:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/21/21 18:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/21/21 18:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/21/21 18:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/21/21 18:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/21/21 18:16	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/21/21 18:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/21/21 18:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/21/21 18:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/21/21 18:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/21/21 18:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/21/21 18:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/21/21 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		72 - 124		01/21/21 18:16	1
Dibromofluoromethane	84		75 - 120		01/21/21 18:16	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		01/21/21 18:16	1
Toluene-d8 (Surr)	93		75 - 120		01/21/21 18:16	1



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February 11, 2021

Trevor Bruce
930-A Alexander Road
Hudson, WI 54016

Dear Trevor:

The unfiltered (Raw) and filtered (DW) water results for 930-B Alexander Road are reported as attached. The results show a detection of trichloroethylene at 1.8 ppb (micrograms per liter) in the Raw sample. This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the DW sample. Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/30/20	1/18/21	310,600	194,400	1.8	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 930-B Alexander Rd Raw

Lab Sample ID: 500-193937-1

Date Collected: 01/18/21 11:00

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/21/21 16:27	1
Benzene	<0.15		0.50	0.15	ug/L			01/21/21 16:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/21/21 16:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/21/21 16:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/21/21 16:27	1
Bromoform	<0.48		1.0	0.48	ug/L			01/21/21 16:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/21/21 16:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/21/21 16:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/21/21 16:27	1
Chloroform	<0.37		2.0	0.37	ug/L			01/21/21 16:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/21/21 16:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/21/21 16:27	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/21/21 16:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/21/21 16:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/21/21 16:27	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/21/21 16:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/21/21 16:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/21/21 16:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/21/21 16:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/21/21 16:27	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/21/21 16:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/21/21 16:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/21/21 16:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/21/21 16:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/21/21 16:27	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/21/21 16:27	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/21/21 16:27	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/21/21 16:27	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/21/21 16:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/21/21 16:27	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/21/21 16:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/21/21 16:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/21/21 16:27	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/21/21 16:27	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/21/21 16:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/21/21 16:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 16:27	1
Styrene	<0.39		1.0	0.39	ug/L			01/21/21 16:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 16:27	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/21/21 16:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/21/21 16:27	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/21/21 16:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 930-B Alexander Rd Raw

Lab Sample ID: 500-193937-1

Date Collected: 01/18/21 11:00

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/21/21 16:27	1
Toluene	<0.15		0.50	0.15	ug/L			01/21/21 16:27	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/21/21 16:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/21/21 16:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/21/21 16:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/21/21 16:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/21/21 16:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/21/21 16:27	1
Trichloroethylene	1.8		0.50	0.16	ug/L			01/21/21 16:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/21/21 16:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/21/21 16:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/21/21 16:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/21/21 16:27	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/21/21 16:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/21/21 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 124		01/21/21 16:27	1
Dibromofluoromethane	86		75 - 120		01/21/21 16:27	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		01/21/21 16:27	1
Toluene-d8 (Surr)	95		75 - 120		01/21/21 16:27	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 930-B Alexander Rd DW

Lab Sample ID: 500-193937-2

Date Collected: 01/18/21 11:00

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/21/21 16:55	1
Benzene	<0.15		0.50	0.15	ug/L			01/21/21 16:55	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/21/21 16:55	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/21/21 16:55	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/21/21 16:55	1
Bromoform	<0.48		1.0	0.48	ug/L			01/21/21 16:55	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/21/21 16:55	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/21/21 16:55	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/21/21 16:55	1
Chloroform	<0.37		2.0	0.37	ug/L			01/21/21 16:55	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/21/21 16:55	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/21/21 16:55	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/21/21 16:55	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/21/21 16:55	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/21/21 16:55	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/21/21 16:55	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/21/21 16:55	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/21/21 16:55	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/21/21 16:55	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/21/21 16:55	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/21/21 16:55	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/21/21 16:55	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/21/21 16:55	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/21/21 16:55	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/21/21 16:55	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/21/21 16:55	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/21/21 16:55	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/21/21 16:55	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/21/21 16:55	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/21/21 16:55	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/21/21 16:55	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/21/21 16:55	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/21/21 16:55	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/21/21 16:55	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/21/21 16:55	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/21/21 16:55	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 16:55	1
Styrene	<0.39		1.0	0.39	ug/L			01/21/21 16:55	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 16:55	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/21/21 16:55	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/21/21 16:55	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/21/21 16:55	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 930-B Alexander Rd DW

Lab Sample ID: 500-193937-2

Date Collected: 01/18/21 11:00

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/21/21 16:55	1
Toluene	<0.15		0.50	0.15	ug/L			01/21/21 16:55	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/21/21 16:55	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/21/21 16:55	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/21/21 16:55	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/21/21 16:55	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/21/21 16:55	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/21/21 16:55	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/21/21 16:55	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/21/21 16:55	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/21/21 16:55	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/21/21 16:55	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/21/21 16:55	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/21/21 16:55	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/21/21 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		01/21/21 16:55	1
Dibromofluoromethane	86		75 - 120		01/21/21 16:55	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		01/21/21 16:55	1
Toluene-d8 (Surr)	95		75 - 120		01/21/21 16:55	1



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February 11, 2021

Kristina Olson
977 Marcy's Court
Hudson, WI 54016

Dear Kristina:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water (Raw). Based on the completed analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered water was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/24/20	1/18/21	1,063,190	193,110	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 977 Marcys Ct Raw

Lab Sample ID: 500-193937-4

Date Collected: 01/18/21 12:00

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/21/21 17:49	1
Benzene	<0.15		0.50	0.15	ug/L			01/21/21 17:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/21/21 17:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/21/21 17:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/21/21 17:49	1
Bromoform	<0.48		1.0	0.48	ug/L			01/21/21 17:49	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/21/21 17:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/21/21 17:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/21/21 17:49	1
Chloroform	<0.37		2.0	0.37	ug/L			01/21/21 17:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/21/21 17:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/21/21 17:49	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/21/21 17:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/21/21 17:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/21/21 17:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/21/21 17:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/21/21 17:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/21/21 17:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/21/21 17:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/21/21 17:49	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/21/21 17:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/21/21 17:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/21/21 17:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/21/21 17:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/21/21 17:49	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/21/21 17:49	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/21/21 17:49	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/21/21 17:49	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/21/21 17:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/21/21 17:49	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/21/21 17:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/21/21 17:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/21/21 17:49	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/21/21 17:49	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/21/21 17:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/21/21 17:49	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 17:49	1
Styrene	<0.39		1.0	0.39	ug/L			01/21/21 17:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 17:49	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/21/21 17:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/21/21 17:49	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/21/21 17:49	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 977 Marcys Ct Raw

Lab Sample ID: 500-193937-4

Date Collected: 01/18/21 12:00

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/21/21 17:49	1
Toluene	<0.15		0.50	0.15	ug/L			01/21/21 17:49	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/21/21 17:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/21/21 17:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/21/21 17:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/21/21 17:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/21/21 17:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/21/21 17:49	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/21/21 17:49	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/21/21 17:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/21/21 17:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/21/21 17:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/21/21 17:49	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/21/21 17:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/21/21 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		01/21/21 17:49	1
Dibromofluoromethane	86		75 - 120		01/21/21 17:49	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		01/21/21 17:49	1
Toluene-d8 (Surr)	95		75 - 120		01/21/21 17:49	1



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February 11, 2021

Beverly & Bob Larsen
1021 Scott Road
Hudson, WI 54016

Dear Beverly & Bob:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 1021 Scott Rd Raw

Lab Sample ID: 500-193937-3

Date Collected: 01/18/21 11:30

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/21/21 17:22	1
Benzene	<0.15		0.50	0.15	ug/L			01/21/21 17:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/21/21 17:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/21/21 17:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/21/21 17:22	1
Bromoform	<0.48		1.0	0.48	ug/L			01/21/21 17:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/21/21 17:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/21/21 17:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/21/21 17:22	1
Chloroform	<0.37		2.0	0.37	ug/L			01/21/21 17:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/21/21 17:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/21/21 17:22	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/21/21 17:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/21/21 17:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/21/21 17:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/21/21 17:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/21/21 17:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/21/21 17:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/21/21 17:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/21/21 17:22	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/21/21 17:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/21/21 17:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/21/21 17:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/21/21 17:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/21/21 17:22	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/21/21 17:22	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/21/21 17:22	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/21/21 17:22	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/21/21 17:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/21/21 17:22	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/21/21 17:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/21/21 17:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/21/21 17:22	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/21/21 17:22	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/21/21 17:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/21/21 17:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 17:22	1
Styrene	<0.39		1.0	0.39	ug/L			01/21/21 17:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/21/21 17:22	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/21/21 17:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/21/21 17:22	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/21/21 17:22	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193937-1

Client Sample ID: 1021 Scott Rd Raw

Lab Sample ID: 500-193937-3

Date Collected: 01/18/21 11:30

Matrix: Water

Date Received: 01/20/21 09:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/21/21 17:22	1
Toluene	<0.15		0.50	0.15	ug/L			01/21/21 17:22	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/21/21 17:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/21/21 17:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/21/21 17:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/21/21 17:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/21/21 17:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/21/21 17:22	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/21/21 17:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/21/21 17:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/21/21 17:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/21/21 17:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/21/21 17:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/21/21 17:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/21/21 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124		01/21/21 17:22	1
Dibromofluoromethane	88		75 - 120		01/21/21 17:22	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		01/21/21 17:22	1
Toluene-d8 (Surr)	94		75 - 120		01/21/21 17:22	1

February 3, 2022

Alicia Torgerson
959 Fraser Lane
Hudson, WI 54016

Dear Alicia:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.4 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
7/20/21	1/21/22	1588200	558610	1.4	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION



Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-211382-1

Client Sample ID: 959 Fraiser Lane-Raw

Lab Sample ID: 500-211382-1

Date Collected: 01/21/22 09:00

Matrix: Water

Date Received: 01/25/22 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/26/22 15:25	1
Benzene	<0.15		0.50	0.15	ug/L			01/26/22 15:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/26/22 15:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/26/22 15:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/26/22 15:25	1
Bromoform	<0.48		1.0	0.48	ug/L			01/26/22 15:25	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/26/22 15:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/26/22 15:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/26/22 15:25	1
Chloroform	<0.37		2.0	0.37	ug/L			01/26/22 15:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/26/22 15:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/26/22 15:25	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/26/22 15:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/26/22 15:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/26/22 15:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/26/22 15:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/26/22 15:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/26/22 15:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/26/22 15:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/26/22 15:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/26/22 15:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/26/22 15:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/26/22 15:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/26/22 15:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/26/22 15:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/26/22 15:25	1
Bromomethane	<0.80		3.0	0.80	ug/L			01/26/22 15:25	1
Chloromethane	0.76 J		1.0	0.32	ug/L			01/26/22 15:25	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/26/22 15:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/26/22 15:25	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			01/26/22 15:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
Naphthalene	0.62 J		1.0	0.34	ug/L			01/26/22 15:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/26/22 15:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/26/22 15:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/26/22 15:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/26/22 15:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/26/22 15:25	1
Styrene	<0.39		1.0	0.39	ug/L			01/26/22 15:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/26/22 15:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/26/22 15:25	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/26/22 15:25	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/26/22 15:25	1

Eurofins Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-211382-1

Client Sample ID: 959 Fraiser Lane-Raw

Lab Sample ID: 500-211382-1

Date Collected: 01/21/22 09:00

Matrix: Water

Date Received: 01/25/22 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/26/22 15:25	1
Toluene	<0.15		0.50	0.15	ug/L			01/26/22 15:25	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/26/22 15:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/26/22 15:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/26/22 15:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/26/22 15:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/26/22 15:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/26/22 15:25	1
Trichloroethylene	1.4		0.50	0.16	ug/L			01/26/22 15:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/26/22 15:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/26/22 15:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/26/22 15:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/26/22 15:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/26/22 15:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/26/22 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124					01/26/22 15:25	1
Dibromofluoromethane	86		75 - 120					01/26/22 15:25	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					01/26/22 15:25	1
Toluene-d8 (Surr)	97		75 - 120					01/26/22 15:25	1



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February 3, 2022

Andy and Connie Woessner
825 Hillside Trail
Hudson, WI 54016

Dear Andy & Connie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 1.3 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/30/21	1/24/22	1289910	107690	1.3	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutz
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-211382-1

Client Sample ID: 825 Hillside Trail-Raw

Lab Sample ID: 500-211382-2

Date Collected: 01/24/22 09:00

Matrix: Water

Date Received: 01/25/22 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/26/22 15:51	1
Benzene	<0.15		0.50	0.15	ug/L			01/26/22 15:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/26/22 15:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/26/22 15:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/26/22 15:51	1
Bromoform	<0.48		1.0	0.48	ug/L			01/26/22 15:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/26/22 15:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/26/22 15:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/26/22 15:51	1
Chloroform	<0.37		2.0	0.37	ug/L			01/26/22 15:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/26/22 15:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/26/22 15:51	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/26/22 15:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/26/22 15:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/26/22 15:51	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/26/22 15:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/26/22 15:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/26/22 15:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/26/22 15:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/26/22 15:51	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/26/22 15:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/26/22 15:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/26/22 15:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/26/22 15:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/26/22 15:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/26/22 15:51	1
Bromomethane	<0.80		3.0	0.80	ug/L			01/26/22 15:51	1
Chloromethane	<0.32		1.0	0.32	ug/L			01/26/22 15:51	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/26/22 15:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/26/22 15:51	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			01/26/22 15:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/26/22 15:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/26/22 15:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/26/22 15:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/26/22 15:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/26/22 15:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/26/22 15:51	1
Styrene	<0.39		1.0	0.39	ug/L			01/26/22 15:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/26/22 15:51	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/26/22 15:51	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/26/22 15:51	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/26/22 15:51	1

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Client Sample Results

Client: Cedar Corporation
Project/Site: Junker Landfill

Job ID: 500-211382-1

Client Sample ID: 825 Hillside Trail-Raw

Lab Sample ID: 500-211382-2

Date Collected: 01/24/22 09:00

Matrix: Water

Date Received: 01/25/22 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/26/22 15:51	1
Toluene	<0.15		0.50	0.15	ug/L			01/26/22 15:51	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/26/22 15:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/26/22 15:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/26/22 15:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/26/22 15:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/26/22 15:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/26/22 15:51	1
Trichloroethylene	1.3		0.50	0.16	ug/L			01/26/22 15:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/26/22 15:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/26/22 15:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/26/22 15:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/26/22 15:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/26/22 15:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/26/22 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124		01/26/22 15:51	1
Dibromofluoromethane	86		75 - 120		01/26/22 15:51	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 126		01/26/22 15:51	1
Toluene-d8 (Surr)	98		75 - 120		01/26/22 15:51	1



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February 3, 2022

Laurie Johnson
1005 Scott Road
Hudson, WI 54016

Dear Laurie:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-209722-1

Client Sample ID: 1005 Scott Rd.-Raw

Lab Sample ID: 500-209722-1

Date Collected: 12/10/21 09:00

Matrix: Water

Date Received: 12/14/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			12/23/21 03:58	1
Benzene	<0.15		0.50	0.15	ug/L			12/23/21 03:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/23/21 03:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/23/21 03:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/23/21 03:58	1
Bromoform	<0.48		1.0	0.48	ug/L			12/23/21 03:58	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/23/21 03:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/23/21 03:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/23/21 03:58	1
Chloroform	<0.37		2.0	0.37	ug/L			12/23/21 03:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/23/21 03:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/23/21 03:58	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/23/21 03:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/23/21 03:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/23/21 03:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/23/21 03:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/23/21 03:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/23/21 03:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/23/21 03:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/23/21 03:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/23/21 03:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/23/21 03:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/23/21 03:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/23/21 03:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/23/21 03:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/23/21 03:58	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/23/21 03:58	1
Chloromethane	<0.32		1.0	0.32	ug/L			12/23/21 03:58	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/23/21 03:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/23/21 03:58	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			12/23/21 03:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/23/21 03:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/23/21 03:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/23/21 03:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/23/21 03:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/23/21 03:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/23/21 03:58	1
Styrene	<0.39		1.0	0.39	ug/L			12/23/21 03:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/23/21 03:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/23/21 03:58	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/23/21 03:58	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/23/21 03:58	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-209722-1

Client Sample ID: 1005 Scott Rd.-Raw

Lab Sample ID: 500-209722-1

Date Collected: 12/10/21 09:00

Matrix: Water

Date Received: 12/14/21 10:30

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/23/21 03:58	1
Toluene	<0.15		0.50	0.15	ug/L			12/23/21 03:58	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/23/21 03:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/23/21 03:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/23/21 03:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/23/21 03:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/23/21 03:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/23/21 03:58	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/23/21 03:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/23/21 03:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/23/21 03:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/23/21 03:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/23/21 03:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/23/21 03:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/23/21 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124					12/23/21 03:58	1
Dibromofluoromethane	110		75 - 120					12/23/21 03:58	1
1,2-Dichloroethane-d4 (Surr)	110		75 - 126					12/23/21 03:58	1
Toluene-d8 (Surr)	95		75 - 120					12/23/21 03:58	1



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February 3, 2022

Dennis & Jennifer Kresel
956 Florence Lane
Hudson, WI 54016

Dear Dennis & Jennifer:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in neither the unfiltered water (Raw) or the filtered water (DW). Based on the completed analysis, the DW doesn't contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below shows the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
8/25/21	11/24/21	1079500	145360	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Orion Reutzel
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-208968-1

Client Sample ID: 956 Florence Ln Tap

Lab Sample ID: 500-208968-1

Date Collected: 11/24/21 09:00

Matrix: Water

Date Received: 11/26/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.6	J B	10	1.7	ug/L			12/05/21 16:41	1
Benzene	<0.15		0.50	0.15	ug/L			12/05/21 16:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/05/21 16:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/05/21 16:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/05/21 16:41	1
Bromoform	<0.48		1.0	0.48	ug/L			12/05/21 16:41	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/05/21 16:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/05/21 16:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/05/21 16:41	1
Chloroform	<0.37		2.0	0.37	ug/L			12/05/21 16:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/05/21 16:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/05/21 16:41	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/05/21 16:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/05/21 16:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/05/21 16:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/05/21 16:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/05/21 16:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/05/21 16:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/05/21 16:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/05/21 16:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/05/21 16:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/05/21 16:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/05/21 16:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/05/21 16:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/05/21 16:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/05/21 16:41	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/05/21 16:41	1
Chloromethane	<0.32		1.0	0.32	ug/L			12/05/21 16:41	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/05/21 16:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/05/21 16:41	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			12/05/21 16:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/05/21 16:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/05/21 16:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/05/21 16:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/05/21 16:41	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/05/21 16:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/05/21 16:41	1
Styrene	<0.39		1.0	0.39	ug/L			12/05/21 16:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/05/21 16:41	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/05/21 16:41	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/05/21 16:41	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/05/21 16:41	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-208968-1

Client Sample ID: 956 Florence Ln Tap

Lab Sample ID: 500-208968-1

Date Collected: 11/24/21 09:00

Matrix: Water

Date Received: 11/26/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/05/21 16:41	1
Toluene	<0.15		0.50	0.15	ug/L			12/05/21 16:41	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/05/21 16:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/05/21 16:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/05/21 16:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/05/21 16:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/05/21 16:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/05/21 16:41	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/05/21 16:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/05/21 16:41	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/05/21 16:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/05/21 16:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/05/21 16:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/05/21 16:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/05/21 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124					12/05/21 16:41	1
Dibromofluoromethane	114		75 - 120					12/05/21 16:41	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 126					12/05/21 16:41	1
Toluene-d8 (Surr)	90		75 - 120					12/05/21 16:41	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-208968-1

Client Sample ID: 956 Florence Ln Raw

Lab Sample ID: 500-208968-2

Date Collected: 11/24/21 09:05

Matrix: Water

Date Received: 11/26/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.7	J B	10	1.7	ug/L			12/05/21 17:08	1
Benzene	<0.15		0.50	0.15	ug/L			12/05/21 17:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/05/21 17:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/05/21 17:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/05/21 17:08	1
Bromoform	<0.48		1.0	0.48	ug/L			12/05/21 17:08	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/05/21 17:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/05/21 17:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/05/21 17:08	1
Chloroform	<0.37		2.0	0.37	ug/L			12/05/21 17:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/05/21 17:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/05/21 17:08	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/05/21 17:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/05/21 17:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/05/21 17:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/05/21 17:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/05/21 17:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/05/21 17:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/05/21 17:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/05/21 17:08	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/05/21 17:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/05/21 17:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/05/21 17:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/05/21 17:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/05/21 17:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/05/21 17:08	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/05/21 17:08	1
Chloromethane	<0.32		1.0	0.32	ug/L			12/05/21 17:08	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/05/21 17:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/05/21 17:08	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			12/05/21 17:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/05/21 17:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/05/21 17:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/05/21 17:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/05/21 17:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/05/21 17:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/05/21 17:08	1
Styrene	<0.39		1.0	0.39	ug/L			12/05/21 17:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/05/21 17:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/05/21 17:08	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/05/21 17:08	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/05/21 17:08	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-208968-1

Client Sample ID: 956 Florence Ln Raw

Lab Sample ID: 500-208968-2

Date Collected: 11/24/21 09:05

Matrix: Water

Date Received: 11/26/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/05/21 17:08	1
Toluene	<0.15		0.50	0.15	ug/L			12/05/21 17:08	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/05/21 17:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/05/21 17:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/05/21 17:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/05/21 17:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/05/21 17:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/05/21 17:08	1
Trichloroethylene	1.3		0.50	0.16	ug/L			12/05/21 17:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/05/21 17:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/05/21 17:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/05/21 17:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/05/21 17:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/05/21 17:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/05/21 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		12/05/21 17:08	1
Dibromofluoromethane	114		75 - 120		12/05/21 17:08	1
1,2-Dichloroethane-d4 (Surr)	114		75 - 126		12/05/21 17:08	1
Toluene-d8 (Surr)	90		75 - 120		12/05/21 17:08	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-208968-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-208968-3

Date Collected: 11/24/21 09:10

Matrix: Water

Date Received: 11/26/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.8	J B	10	1.7	ug/L			12/05/21 17:35	1
Benzene	<0.15		0.50	0.15	ug/L			12/05/21 17:35	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/05/21 17:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/05/21 17:35	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/05/21 17:35	1
Bromoform	<0.48		1.0	0.48	ug/L			12/05/21 17:35	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/05/21 17:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/05/21 17:35	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/05/21 17:35	1
Chloroform	<0.37		2.0	0.37	ug/L			12/05/21 17:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/05/21 17:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/05/21 17:35	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/05/21 17:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/05/21 17:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/05/21 17:35	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/05/21 17:35	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/05/21 17:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/05/21 17:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/05/21 17:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/05/21 17:35	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/05/21 17:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/05/21 17:35	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/05/21 17:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/05/21 17:35	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/05/21 17:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/05/21 17:35	1
Bromomethane	<0.80		3.0	0.80	ug/L			12/05/21 17:35	1
Chloromethane	<0.32		1.0	0.32	ug/L			12/05/21 17:35	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/05/21 17:35	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/05/21 17:35	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			12/05/21 17:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/05/21 17:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/05/21 17:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/05/21 17:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/05/21 17:35	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/05/21 17:35	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/05/21 17:35	1
Styrene	<0.39		1.0	0.39	ug/L			12/05/21 17:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/05/21 17:35	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/05/21 17:35	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/05/21 17:35	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/05/21 17:35	1

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-208968-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-208968-3

Date Collected: 11/24/21 09:10

Matrix: Water

Date Received: 11/26/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/05/21 17:35	1
Toluene	<0.15		0.50	0.15	ug/L			12/05/21 17:35	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/05/21 17:35	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/05/21 17:35	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/05/21 17:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/05/21 17:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/05/21 17:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/05/21 17:35	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/05/21 17:35	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/05/21 17:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/05/21 17:35	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/05/21 17:35	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/05/21 17:35	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/05/21 17:35	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/05/21 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		12/05/21 17:35	1
Dibromofluoromethane	113		75 - 120		12/05/21 17:35	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126		12/05/21 17:35	1
Toluene-d8 (Surr)	90		75 - 120		12/05/21 17:35	1



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January 22, 2021

Pete Komoro
882 Yellowstone Trail
Hudson, WI 54016

Dear Pete:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.19 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is below the Preventive Action Limit (0.5 ppb) and below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
1/6/21	1/7/21	324,390	58,860	0.19 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 882 Yellowstone Trl Raw

Lab Sample ID: 500-193596-1

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/13/21 12:47	1
Benzene	<0.15		0.50	0.15	ug/L			01/13/21 12:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/13/21 12:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/13/21 12:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/13/21 12:47	1
Bromoform	<0.48		1.0	0.48	ug/L			01/13/21 12:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/13/21 12:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/13/21 12:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/13/21 12:47	1
Chloroform	<0.37		2.0	0.37	ug/L			01/13/21 12:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/13/21 12:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/13/21 12:47	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/13/21 12:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/13/21 12:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/13/21 12:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/13/21 12:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/13/21 12:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/13/21 12:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/13/21 12:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/13/21 12:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/13/21 12:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/13/21 12:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/13/21 12:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/13/21 12:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/13/21 12:47	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/13/21 12:47	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/13/21 12:47	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/13/21 12:47	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/13/21 12:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/13/21 12:47	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/13/21 12:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/13/21 12:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/13/21 12:47	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/13/21 12:47	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/13/21 12:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/13/21 12:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 12:47	1
Styrene	<0.39		1.0	0.39	ug/L			01/13/21 12:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 12:47	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/13/21 12:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/13/21 12:47	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/13/21 12:47	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 882 Yellowstone Trl Raw

Lab Sample ID: 500-193596-1

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/13/21 12:47	1
Toluene	<0.15		0.50	0.15	ug/L			01/13/21 12:47	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/13/21 12:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/13/21 12:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/13/21 12:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/13/21 12:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/13/21 12:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/13/21 12:47	1
Trichloroethylene	0.19	J	0.50	0.16	ug/L			01/13/21 12:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/13/21 12:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/13/21 12:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/13/21 12:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/13/21 12:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/13/21 12:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/13/21 12:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		01/13/21 12:47	1
Dibromofluoromethane	90		75 - 120		01/13/21 12:47	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126		01/13/21 12:47	1
Toluene-d8 (Surr)	99		75 - 120		01/13/21 12:47	1



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January 22, 2021

Teresa Tipp
926 Florence Lane
Hudson, WI 54016

Dear Teresa:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.33 ppb (micrograms per liter) in the unfiltered water (Raw). This is below the Preventive Action Limit (0.5 ppb) and below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
-	1/7/21	1,723,280	535,230	0.33 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 926 Florence Ln Raw

Lab Sample ID: 500-193596-2

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/13/21 13:13	1
Benzene	<0.15		0.50	0.15	ug/L			01/13/21 13:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/13/21 13:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/13/21 13:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/13/21 13:13	1
Bromoform	<0.48		1.0	0.48	ug/L			01/13/21 13:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/13/21 13:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/13/21 13:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/13/21 13:13	1
Chloroform	<0.37		2.0	0.37	ug/L			01/13/21 13:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/13/21 13:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/13/21 13:13	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/13/21 13:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/13/21 13:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/13/21 13:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/13/21 13:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/13/21 13:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/13/21 13:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/13/21 13:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/13/21 13:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/13/21 13:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/13/21 13:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/13/21 13:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/13/21 13:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/13/21 13:13	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/13/21 13:13	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/13/21 13:13	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/13/21 13:13	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/13/21 13:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/13/21 13:13	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/13/21 13:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/13/21 13:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/13/21 13:13	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/13/21 13:13	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/13/21 13:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/13/21 13:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 13:13	1
Styrene	<0.39		1.0	0.39	ug/L			01/13/21 13:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 13:13	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/13/21 13:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/13/21 13:13	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/13/21 13:13	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 926 Florence Ln Raw

Lab Sample ID: 500-193596-2

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/13/21 13:13	1
Toluene	<0.15		0.50	0.15	ug/L			01/13/21 13:13	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/13/21 13:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/13/21 13:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/13/21 13:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/13/21 13:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/13/21 13:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/13/21 13:13	1
Trichloroethylene	0.33	J	0.50	0.16	ug/L			01/13/21 13:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/13/21 13:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/13/21 13:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/13/21 13:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/13/21 13:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/13/21 13:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/13/21 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		72 - 124		01/13/21 13:13	1
Dibromofluoromethane	88		75 - 120		01/13/21 13:13	1
1,2-Dichloroethane-d4 (Surr)	79		75 - 126		01/13/21 13:13	1
Toluene-d8 (Surr)	99		75 - 120		01/13/21 13:13	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 926 Florence Ln DW

Lab Sample ID: 500-193596-3

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/13/21 13:38	1
Benzene	<0.15		0.50	0.15	ug/L			01/13/21 13:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/13/21 13:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/13/21 13:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/13/21 13:38	1
Bromoform	<0.48		1.0	0.48	ug/L			01/13/21 13:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/13/21 13:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/13/21 13:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/13/21 13:38	1
Chloroform	<0.37		2.0	0.37	ug/L			01/13/21 13:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/13/21 13:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/13/21 13:38	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/13/21 13:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/13/21 13:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/13/21 13:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/13/21 13:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/13/21 13:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/13/21 13:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/13/21 13:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/13/21 13:38	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/13/21 13:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/13/21 13:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/13/21 13:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/13/21 13:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/13/21 13:38	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/13/21 13:38	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/13/21 13:38	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/13/21 13:38	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/13/21 13:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/13/21 13:38	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/13/21 13:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/13/21 13:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/13/21 13:38	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/13/21 13:38	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/13/21 13:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/13/21 13:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 13:38	1
Styrene	<0.39		1.0	0.39	ug/L			01/13/21 13:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 13:38	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/13/21 13:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/13/21 13:38	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/13/21 13:38	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 926 Florence Ln DW

Lab Sample ID: 500-193596-3

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/13/21 13:38	1
Toluene	<0.15		0.50	0.15	ug/L			01/13/21 13:38	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/13/21 13:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/13/21 13:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/13/21 13:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/13/21 13:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/13/21 13:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/13/21 13:38	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/13/21 13:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/13/21 13:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/13/21 13:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/13/21 13:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/13/21 13:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/13/21 13:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/13/21 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		72 - 124		01/13/21 13:38	1
Dibromofluoromethane	89		75 - 120		01/13/21 13:38	1
1,2-Dichloroethane-d4 (Surr)	79		75 - 126		01/13/21 13:38	1
Toluene-d8 (Surr)	100		75 - 120		01/13/21 13:38	1



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January 22, 2021

Kenneth & Barbara Kolbe
970 Florence Lane
Hudson, WI 54016

Dear Kenneth & Barbara:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.86 ppb (micrograms per liter) in the unfiltered water (Raw). This is above the Preventive Action Limit (0.5 ppb) but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. There were no detections of volatile organic compounds in the filtered water (DW). Based on the completed analysis, the DW does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

The table below show the results of the Raw sample only.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/24/20	1/12/21	4,363,190	135,420	0.86	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193753-1

Client Sample ID: 970 Florence Ln Raw

Lab Sample ID: 500-193753-1

Date Collected: 01/12/21 09:00

Matrix: Water

Date Received: 01/14/21 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.2	J	10	1.7	ug/L			01/19/21 13:18	1
Benzene	<0.15		0.50	0.15	ug/L			01/19/21 13:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/19/21 13:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/19/21 13:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/19/21 13:18	1
Bromoform	<0.48		1.0	0.48	ug/L			01/19/21 13:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/19/21 13:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/19/21 13:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/19/21 13:18	1
Chloroform	<0.37		2.0	0.37	ug/L			01/19/21 13:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/19/21 13:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/19/21 13:18	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/19/21 13:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/19/21 13:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/19/21 13:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/19/21 13:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/19/21 13:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/19/21 13:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/19/21 13:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/19/21 13:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/19/21 13:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/19/21 13:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/19/21 13:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/19/21 13:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/19/21 13:18	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/19/21 13:18	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/19/21 13:18	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/19/21 13:18	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/19/21 13:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/19/21 13:18	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/19/21 13:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/19/21 13:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/19/21 13:18	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/19/21 13:18	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/19/21 13:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/19/21 13:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/19/21 13:18	1
Styrene	<0.39		1.0	0.39	ug/L			01/19/21 13:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/19/21 13:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/19/21 13:18	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/19/21 13:18	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/19/21 13:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193753-1

Client Sample ID: 970 Florence Ln Raw

Lab Sample ID: 500-193753-1

Date Collected: 01/12/21 09:00

Matrix: Water

Date Received: 01/14/21 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/19/21 13:18	1
Toluene	<0.15		0.50	0.15	ug/L			01/19/21 13:18	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/19/21 13:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/19/21 13:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/19/21 13:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/19/21 13:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/19/21 13:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/19/21 13:18	1
Trichloroethylene	0.86		0.50	0.16	ug/L			01/19/21 13:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/19/21 13:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/19/21 13:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/19/21 13:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/19/21 13:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/19/21 13:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/19/21 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		72 - 124		01/19/21 13:18	1
Dibromofluoromethane	86		75 - 120		01/19/21 13:18	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126		01/19/21 13:18	1
Toluene-d8 (Surr)	101		75 - 120		01/19/21 13:18	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193753-1

Client Sample ID: 970 Florence Ln DW

Lab Sample ID: 500-193753-2

Date Collected: 01/12/21 09:00

Matrix: Water

Date Received: 01/14/21 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/19/21 13:44	1
Benzene	<0.15		0.50	0.15	ug/L			01/19/21 13:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/19/21 13:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/19/21 13:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/19/21 13:44	1
Bromoform	<0.48		1.0	0.48	ug/L			01/19/21 13:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/19/21 13:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/19/21 13:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/19/21 13:44	1
Chloroform	<0.37		2.0	0.37	ug/L			01/19/21 13:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/19/21 13:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/19/21 13:44	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/19/21 13:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/19/21 13:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/19/21 13:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/19/21 13:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/19/21 13:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/19/21 13:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/19/21 13:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/19/21 13:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/19/21 13:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/19/21 13:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/19/21 13:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/19/21 13:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/19/21 13:44	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/19/21 13:44	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/19/21 13:44	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/19/21 13:44	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/19/21 13:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/19/21 13:44	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/19/21 13:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/19/21 13:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/19/21 13:44	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/19/21 13:44	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/19/21 13:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/19/21 13:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/19/21 13:44	1
Styrene	<0.39		1.0	0.39	ug/L			01/19/21 13:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/19/21 13:44	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/19/21 13:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/19/21 13:44	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/19/21 13:44	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193753-1

Client Sample ID: 970 Florence Ln DW

Lab Sample ID: 500-193753-2

Date Collected: 01/12/21 09:00

Matrix: Water

Date Received: 01/14/21 10:05

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/19/21 13:44	1
Toluene	<0.15		0.50	0.15	ug/L			01/19/21 13:44	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/19/21 13:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/19/21 13:44	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/19/21 13:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/19/21 13:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/19/21 13:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/19/21 13:44	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/19/21 13:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/19/21 13:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/19/21 13:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/19/21 13:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/19/21 13:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/19/21 13:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/19/21 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		01/19/21 13:44	1
Dibromofluoromethane	87		75 - 120		01/19/21 13:44	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 126		01/19/21 13:44	1
Toluene-d8 (Surr)	102		75 - 120		01/19/21 13:44	1



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January 22, 2021

Kori & Carl Land
1015 Scott Road
Hudson, WI 54016

Dear Kori & Carl:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 1015 Scott Rd Raw

Lab Sample ID: 500-193596-4

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/13/21 14:03	1
Benzene	<0.15		0.50	0.15	ug/L			01/13/21 14:03	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/13/21 14:03	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/13/21 14:03	1
Bromoform	<0.48		1.0	0.48	ug/L			01/13/21 14:03	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/13/21 14:03	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/13/21 14:03	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/13/21 14:03	1
Chloroform	<0.37		2.0	0.37	ug/L			01/13/21 14:03	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/13/21 14:03	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/13/21 14:03	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/13/21 14:03	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/13/21 14:03	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/13/21 14:03	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/13/21 14:03	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/13/21 14:03	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/13/21 14:03	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/13/21 14:03	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/13/21 14:03	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/13/21 14:03	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/13/21 14:03	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/13/21 14:03	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/13/21 14:03	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/13/21 14:03	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/13/21 14:03	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/13/21 14:03	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/13/21 14:03	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/13/21 14:03	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/13/21 14:03	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/13/21 14:03	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/13/21 14:03	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
Styrene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/13/21 14:03	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/13/21 14:03	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 1015 Scott Rd Raw

Lab Sample ID: 500-193596-4

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/13/21 14:03	1
Toluene	<0.15		0.50	0.15	ug/L			01/13/21 14:03	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/13/21 14:03	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/13/21 14:03	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/13/21 14:03	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/13/21 14:03	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/13/21 14:03	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/13/21 14:03	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/13/21 14:03	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/13/21 14:03	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/13/21 14:03	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/13/21 14:03	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/13/21 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		01/13/21 14:03	1
Dibromofluoromethane	90		75 - 120		01/13/21 14:03	1
1,2-Dichloroethane-d4 (Surr)	81		75 - 126		01/13/21 14:03	1
Toluene-d8 (Surr)	99		75 - 120		01/13/21 14:03	1



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January 22, 2021

Kori & Carl Land
1015 Scott Road
Hudson, WI 54016

Dear Kori & Carl:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 1015 Scott Rd Raw

Lab Sample ID: 500-193596-4

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			01/13/21 14:03	1
Benzene	<0.15		0.50	0.15	ug/L			01/13/21 14:03	1
Bromobenzene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			01/13/21 14:03	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			01/13/21 14:03	1
Bromoform	<0.48		1.0	0.48	ug/L			01/13/21 14:03	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			01/13/21 14:03	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			01/13/21 14:03	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Chloroethane	<0.51		1.0	0.51	ug/L			01/13/21 14:03	1
Chloroform	<0.37		2.0	0.37	ug/L			01/13/21 14:03	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			01/13/21 14:03	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			01/13/21 14:03	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			01/13/21 14:03	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			01/13/21 14:03	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			01/13/21 14:03	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			01/13/21 14:03	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			01/13/21 14:03	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			01/13/21 14:03	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			01/13/21 14:03	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			01/13/21 14:03	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			01/13/21 14:03	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			01/13/21 14:03	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			01/13/21 14:03	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			01/13/21 14:03	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
Methyl bromide	<0.80		3.0	0.80	ug/L			01/13/21 14:03	1
Methyl chloride	<0.32		1.0	0.32	ug/L			01/13/21 14:03	1
Methylene bromide	<0.27		1.0	0.27	ug/L			01/13/21 14:03	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			01/13/21 14:03	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			01/13/21 14:03	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
Naphthalene	<0.34		1.0	0.34	ug/L			01/13/21 14:03	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			01/13/21 14:03	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			01/13/21 14:03	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
Styrene	<0.39		1.0	0.39	ug/L			01/13/21 14:03	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			01/13/21 14:03	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			01/13/21 14:03	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			01/13/21 14:03	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193596-1

Client Sample ID: 1015 Scott Rd Raw

Lab Sample ID: 500-193596-4

Date Collected: 01/07/21 00:00

Matrix: Water

Date Received: 01/12/21 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			01/13/21 14:03	1
Toluene	<0.15		0.50	0.15	ug/L			01/13/21 14:03	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			01/13/21 14:03	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			01/13/21 14:03	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			01/13/21 14:03	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			01/13/21 14:03	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			01/13/21 14:03	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			01/13/21 14:03	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			01/13/21 14:03	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			01/13/21 14:03	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			01/13/21 14:03	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			01/13/21 14:03	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			01/13/21 14:03	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			01/13/21 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		72 - 124		01/13/21 14:03	1
Dibromofluoromethane	90		75 - 120		01/13/21 14:03	1
1,2-Dichloroethane-d4 (Surr)	81		75 - 126		01/13/21 14:03	1
Toluene-d8 (Surr)	99		75 - 120		01/13/21 14:03	1



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January 6, 2021

Lynn Lawrence
887 Trail 12
Hudson, WI 54016

Dear Lynn:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

A low concentration of acetone was detected in the sample. This compound is a known lab contaminant; therefore, any low detections of this could be suspected as lab contamination.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 887 Trl 12 Raw

Lab Sample ID: 500-193058-4

Date Collected: 12/21/20 11:00

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.1	J B	10	1.7	ug/L			12/31/20 16:59	1
Benzene	<0.15		0.50	0.15	ug/L			12/31/20 16:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/31/20 16:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/31/20 16:59	1
Bromoform	<0.48		1.0	0.48	ug/L			12/31/20 16:59	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/31/20 16:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/31/20 16:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/31/20 16:59	1
Chloroform	<0.37		2.0	0.37	ug/L			12/31/20 16:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/31/20 16:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/31/20 16:59	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/31/20 16:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/31/20 16:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/31/20 16:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/31/20 16:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/31/20 16:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/31/20 16:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/31/20 16:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/31/20 16:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/31/20 16:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/31/20 16:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/31/20 16:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/31/20 16:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/31/20 16:59	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:59	1
Methyl bromide	<0.80	* ^c	3.0	0.80	ug/L			12/31/20 16:59	1
Methyl chloride	<0.32		1.0	0.32	ug/L			12/31/20 16:59	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/31/20 16:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/31/20 16:59	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			12/31/20 16:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/31/20 16:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/31/20 16:59	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/31/20 16:59	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/31/20 16:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:59	1
Styrene	<0.39		1.0	0.39	ug/L			12/31/20 16:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/31/20 16:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/31/20 16:59	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/31/20 16:59	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 887 Trl 12 Raw

Lab Sample ID: 500-193058-4

Date Collected: 12/21/20 11:00

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/31/20 16:59	1
Toluene	<0.15		0.50	0.15	ug/L			12/31/20 16:59	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/31/20 16:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/31/20 16:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/31/20 16:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/31/20 16:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/31/20 16:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/31/20 16:59	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/31/20 16:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/31/20 16:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/31/20 16:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/31/20 16:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/31/20 16:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/31/20 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		12/31/20 16:59	1
Dibromofluoromethane	111		75 - 120		12/31/20 16:59	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126		12/31/20 16:59	1
Toluene-d8 (Surr)	100		75 - 120		12/31/20 16:59	1



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January 6, 2021

Ashley Cook
892 Trail 12
Hudson, WI 54016

Dear Ashley:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

A low concentration of acetone was detected in the sample. This compound is a known lab contaminant; therefore, any low detections of this could be suspected as lab contamination.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 892 Trl 12 Raw

Lab Sample ID: 500-193058-3

Date Collected: 12/21/20 10:30

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J B	10	1.7	ug/L			12/31/20 16:31	1
Benzene	<0.15		0.50	0.15	ug/L			12/31/20 16:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/31/20 16:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/31/20 16:31	1
Bromoform	<0.48		1.0	0.48	ug/L			12/31/20 16:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/31/20 16:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/31/20 16:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/31/20 16:31	1
Chloroform	<0.37		2.0	0.37	ug/L			12/31/20 16:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/31/20 16:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/31/20 16:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/31/20 16:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/31/20 16:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/31/20 16:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/31/20 16:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/31/20 16:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/31/20 16:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/31/20 16:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/31/20 16:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/31/20 16:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/31/20 16:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/31/20 16:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/31/20 16:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/31/20 16:31	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:31	1
Methyl bromide	<0.80	* ^c	3.0	0.80	ug/L			12/31/20 16:31	1
Methyl chloride	<0.32		1.0	0.32	ug/L			12/31/20 16:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/31/20 16:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/31/20 16:31	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			12/31/20 16:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/31/20 16:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/31/20 16:31	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/31/20 16:31	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/31/20 16:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:31	1
Styrene	<0.39		1.0	0.39	ug/L			12/31/20 16:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/31/20 16:31	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/31/20 16:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/31/20 16:31	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 892 Trl 12 Raw

Lab Sample ID: 500-193058-3

Date Collected: 12/21/20 10:30

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/31/20 16:31	1
Toluene	<0.15		0.50	0.15	ug/L			12/31/20 16:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/31/20 16:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/31/20 16:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/31/20 16:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/31/20 16:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/31/20 16:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/31/20 16:31	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/31/20 16:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/31/20 16:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/31/20 16:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/31/20 16:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/31/20 16:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/31/20 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		12/31/20 16:31	1
Dibromofluoromethane	112		75 - 120		12/31/20 16:31	1
1,2-Dichloroethane-d4 (Surr)	116		75 - 126		12/31/20 16:31	1
Toluene-d8 (Surr)	99		75 - 120		12/31/20 16:31	1



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January 6, 2021

Chris & Stephanie Bankes
917 LaBarge Rd
Hudson, WI 54016

Dear Chris & Stephanie:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.23 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is below the Preventive Action Limit (0.5 ppb), and below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The lab J flagged this concentration, meaning the value was between the limit of detection and the limit of quantitation. The filtered drinking water (DW) was not sampled at this time.

A low concentration of acetone was detected in the sample. This compound is a known lab contaminant; therefore, all low level detects for this compound could be suspected as lab contamination.

Filter Instal.-Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/9/20	12/21/20	954,970	143,370	0.23 J	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 917 Labarge Rd Raw

Lab Sample ID: 500-193058-1

Date Collected: 12/21/20 09:30

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J B	10	1.7	ug/L			12/31/20 15:34	1
Benzene	<0.15		0.50	0.15	ug/L			12/31/20 15:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/31/20 15:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/31/20 15:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/31/20 15:34	1
Bromoform	<0.48		1.0	0.48	ug/L			12/31/20 15:34	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/31/20 15:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/31/20 15:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/31/20 15:34	1
Chloroform	<0.37		2.0	0.37	ug/L			12/31/20 15:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/31/20 15:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/31/20 15:34	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/31/20 15:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/31/20 15:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/31/20 15:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/31/20 15:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/31/20 15:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/31/20 15:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/31/20 15:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/31/20 15:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/31/20 15:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/31/20 15:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/31/20 15:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/31/20 15:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/31/20 15:34	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/31/20 15:34	1
Methyl bromide	<0.80	* ^c	3.0	0.80	ug/L			12/31/20 15:34	1
Methyl chloride	<0.32		1.0	0.32	ug/L			12/31/20 15:34	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/31/20 15:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/31/20 15:34	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			12/31/20 15:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/31/20 15:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/31/20 15:34	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/31/20 15:34	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/31/20 15:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/31/20 15:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 15:34	1
Styrene	<0.39		1.0	0.39	ug/L			12/31/20 15:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 15:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/31/20 15:34	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/31/20 15:34	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/31/20 15:34	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 917 Labarge Rd Raw

Lab Sample ID: 500-193058-1

Date Collected: 12/21/20 09:30

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/31/20 15:34	1
Toluene	<0.15		0.50	0.15	ug/L			12/31/20 15:34	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/31/20 15:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/31/20 15:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/31/20 15:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/31/20 15:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/31/20 15:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/31/20 15:34	1
Trichloroethylene	0.23	J	0.50	0.16	ug/L			12/31/20 15:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/31/20 15:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/31/20 15:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/31/20 15:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/31/20 15:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/31/20 15:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/31/20 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124					12/31/20 15:34	1
Dibromofluoromethane	114		75 - 120					12/31/20 15:34	1
1,2-Dichloroethane-d4 (Surr)	118		75 - 126					12/31/20 15:34	1
Toluene-d8 (Surr)	99		75 - 120					12/31/20 15:34	1



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January 6, 2021

Dave & Kim Benoy
979 LaBarge Road
Hudson, WI 54016

Dear Dave & Kim:

Your groundwater results are reported as attached. The results show a detection of trichloroethylene at 0.72 ppb (micrograms per liter) in the unfiltered drinking water (Raw). This is above the Preventive Action Limit (0.5 ppb), but below the Enforcement Standard (5.0 ppb) established by the Wisconsin DNR. The filtered drinking water (DW) was not sampled at this time.

A low concentration of acetone was detected in the sample. This compound is a known lab contaminant; therefore, all low level detects could be suspected as lab contamination.

Filter Instal.- Exchange Date	Sample Date	Meter Reading (gals.)	Vol. Used Between Filter Changes (gals.)	TCE (ug/L)	PCE (ug/L)	1,1,1-TCS (ug/L)	1,1-DCE (ug/L)	R-11 (ug/L)	Chloroform (ug/L)
11/16/20	12/21/20	524,340	24,970	0.72	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records and preferably near the filter. Feel free to call me at 715-235-9081 if you have any questions.

Sincerely,

CEDAR CORPORATION

Kirsten Lee
Environmental Specialist

Enclosure

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 979 Labarge Rd Raw

Lab Sample ID: 500-193058-2

Date Collected: 12/21/20 10:00

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.1	J B	10	1.7	ug/L			12/31/20 16:02	1
Benzene	<0.15		0.50	0.15	ug/L			12/31/20 16:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/31/20 16:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/31/20 16:02	1
Bromoform	<0.48		1.0	0.48	ug/L			12/31/20 16:02	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/31/20 16:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/31/20 16:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/31/20 16:02	1
Chloroform	<0.37		2.0	0.37	ug/L			12/31/20 16:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/31/20 16:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/31/20 16:02	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/31/20 16:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/31/20 16:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/31/20 16:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/31/20 16:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/31/20 16:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/31/20 16:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/31/20 16:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/31/20 16:02	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/31/20 16:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/31/20 16:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/31/20 16:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/31/20 16:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/31/20 16:02	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:02	1
Methyl bromide	<0.80	* ^c	3.0	0.80	ug/L			12/31/20 16:02	1
Methyl chloride	<0.32		1.0	0.32	ug/L			12/31/20 16:02	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/31/20 16:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/31/20 16:02	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			12/31/20 16:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/31/20 16:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/31/20 16:02	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/31/20 16:02	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/31/20 16:02	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:02	1
Styrene	<0.39		1.0	0.39	ug/L			12/31/20 16:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 16:02	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/31/20 16:02	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/31/20 16:02	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/31/20 16:02	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 979 Labarge Rd Raw

Lab Sample ID: 500-193058-2

Date Collected: 12/21/20 10:00

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/31/20 16:02	1
Toluene	<0.15		0.50	0.15	ug/L			12/31/20 16:02	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/31/20 16:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/31/20 16:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/31/20 16:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/31/20 16:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/31/20 16:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/31/20 16:02	1
Trichloroethylene	0.72		0.50	0.16	ug/L			12/31/20 16:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/31/20 16:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/31/20 16:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/31/20 16:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/31/20 16:02	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/31/20 16:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/31/20 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		12/31/20 16:02	1
Dibromofluoromethane	113		75 - 120		12/31/20 16:02	1
1,2-Dichloroethane-d4 (Surr)	117		75 - 126		12/31/20 16:02	1
Toluene-d8 (Surr)	99		75 - 120		12/31/20 16:02	1



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January 6, 2021

Nicole Howe
1000 Scott Road
Hudson, WI 54016

Dear Nicole:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

A low concentration of acetone was detected in the sample. This compound is a known lab contaminant; therefore, any low detections of this could be suspected as lab contamination.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 1000 Scott Rd Raw

Lab Sample ID: 500-193058-5

Date Collected: 12/21/20 11:30

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.7	J B	10	1.7	ug/L			12/31/20 17:28	1
Benzene	<0.15		0.50	0.15	ug/L			12/31/20 17:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/31/20 17:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/31/20 17:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/31/20 17:28	1
Bromoform	<0.48		1.0	0.48	ug/L			12/31/20 17:28	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/31/20 17:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/31/20 17:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/31/20 17:28	1
Chloroform	<0.37		2.0	0.37	ug/L			12/31/20 17:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/31/20 17:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/31/20 17:28	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/31/20 17:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/31/20 17:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/31/20 17:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/31/20 17:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/31/20 17:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/31/20 17:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/31/20 17:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/31/20 17:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/31/20 17:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/31/20 17:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/31/20 17:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/31/20 17:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/31/20 17:28	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/31/20 17:28	1
Methyl bromide	<0.80	* ^c	3.0	0.80	ug/L			12/31/20 17:28	1
Methyl chloride	<0.32		1.0	0.32	ug/L			12/31/20 17:28	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/31/20 17:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/31/20 17:28	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			12/31/20 17:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/31/20 17:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/31/20 17:28	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/31/20 17:28	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/31/20 17:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/31/20 17:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 17:28	1
Styrene	<0.39		1.0	0.39	ug/L			12/31/20 17:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 17:28	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/31/20 17:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/31/20 17:28	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/31/20 17:28	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 1000 Scott Rd Raw

Lab Sample ID: 500-193058-5

Date Collected: 12/21/20 11:30

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/31/20 17:28	1
Toluene	<0.15		0.50	0.15	ug/L			12/31/20 17:28	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/31/20 17:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/31/20 17:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/31/20 17:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/31/20 17:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/31/20 17:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/31/20 17:28	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/31/20 17:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/31/20 17:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/31/20 17:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/31/20 17:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/31/20 17:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/31/20 17:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/31/20 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		12/31/20 17:28	1
Dibromofluoromethane	114		75 - 120		12/31/20 17:28	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126		12/31/20 17:28	1
Toluene-d8 (Surr)	99		75 - 120		12/31/20 17:28	1



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604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

January 6, 2021

Kelly Goldbeck
1003 Labarge Road
Hudson, WI 54016

Dear Kelly:

Your groundwater results are reported as attached. The results show there were no detected volatile organic compounds in the unfiltered water. Based on the completed analysis, the unfiltered water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards.

A low concentration of acetone was detected in the sample. This compound is a known lab contaminant; therefore, any low detections of this could be suspected as lab contamination.

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please contact myself at (715) 235-9081 or kirsten.lee@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at (715) 928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 1003 Labarge Rd Raw

Lab Sample ID: 500-193058-6

Date Collected: 12/21/20 09:00

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J B	10	1.7	ug/L			12/31/20 17:56	1
Benzene	<0.15		0.50	0.15	ug/L			12/31/20 17:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			12/31/20 17:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			12/31/20 17:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			12/31/20 17:56	1
Bromoform	<0.48		1.0	0.48	ug/L			12/31/20 17:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			12/31/20 17:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			12/31/20 17:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
Chloroethane	<0.51		1.0	0.51	ug/L			12/31/20 17:56	1
Chloroform	<0.37		2.0	0.37	ug/L			12/31/20 17:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			12/31/20 17:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			12/31/20 17:56	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			12/31/20 17:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			12/31/20 17:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			12/31/20 17:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			12/31/20 17:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			12/31/20 17:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			12/31/20 17:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			12/31/20 17:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			12/31/20 17:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			12/31/20 17:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			12/31/20 17:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			12/31/20 17:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			12/31/20 17:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			12/31/20 17:56	1
m-Dichlorobenzene	<0.40		1.0	0.40	ug/L			12/31/20 17:56	1
Methyl bromide	<0.80	* ^c	3.0	0.80	ug/L			12/31/20 17:56	1
Methyl chloride	<0.32		1.0	0.32	ug/L			12/31/20 17:56	1
Methylene bromide	<0.27		1.0	0.27	ug/L			12/31/20 17:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			12/31/20 17:56	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			12/31/20 17:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
Naphthalene	<0.34		1.0	0.34	ug/L			12/31/20 17:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			12/31/20 17:56	1
o-Dichlorobenzene	<0.33		1.0	0.33	ug/L			12/31/20 17:56	1
p-Dichlorobenzene	<0.36		1.0	0.36	ug/L			12/31/20 17:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			12/31/20 17:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 17:56	1
Styrene	<0.39		1.0	0.39	ug/L			12/31/20 17:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			12/31/20 17:56	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			12/31/20 17:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			12/31/20 17:56	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			12/31/20 17:56	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-193058-1

Client Sample ID: 1003 Labarge Rd Raw

Lab Sample ID: 500-193058-6

Date Collected: 12/21/20 09:00

Matrix: Water

Date Received: 12/29/20 09:55

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			12/31/20 17:56	1
Toluene	<0.15		0.50	0.15	ug/L			12/31/20 17:56	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			12/31/20 17:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			12/31/20 17:56	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			12/31/20 17:56	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			12/31/20 17:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			12/31/20 17:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			12/31/20 17:56	1
Trichloroethylene	<0.16		0.50	0.16	ug/L			12/31/20 17:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			12/31/20 17:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			12/31/20 17:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			12/31/20 17:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			12/31/20 17:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			12/31/20 17:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			12/31/20 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					12/31/20 17:56	1
Dibromofluoromethane	115		75 - 120					12/31/20 17:56	1
1,2-Dichloroethane-d4 (Surr)	120		75 - 126					12/31/20 17:56	1
Toluene-d8 (Surr)	98		75 - 120					12/31/20 17:56	1

LETTERS TO PRIVATE WELL OWNERS – REQUEST FOR VOC SAMPLING
OUTSIDE SWCA



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604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

January 5, 2021

Current Resident
1021 Scott Road
Hudson, WI 54016

Dear Current Resident:

Cedar Corporation, on behalf of Wisconsin Department of Natural Resources (WDNR), is requesting to sample the potable water supply at your residence. Drinking water supply sampling is taking place regarding the Former Junker Municipal Landfill located at 917 Alexander Road, Town of Hudson, Wisconsin. The water sample will be collected prior to any filtration equipment and be analyzed for volatile organic compounds (VOCs). This testing does not include analyses for bacteria, nitrates, or any other additional compounds. Once sample results are completed, we will forward them to you for your documentation. The sampling and lab analysis are at no cost to you.

Please contact me, Kirsten Lee, as soon as possible to schedule your drinking water sampling. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

For any questions you may have, please contact myself or WDNR hydrogeologist Candace Sykora at (715) 928-0452 or by email at candace.sykora@wisconsin.gov.

Thank you in advance for your cooperation.

Sincerely,
CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist

cc: Candace Sykora, WDNR



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landscape architecture | planning | economic development

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

January 5, 2021

Current Resident
670 Todd Lane
Hudson, WI 54016

Dear Current Resident:

Cedar Corporation, on behalf of Wisconsin Department of Natural Resources (WDNR), is requesting to sample the potable water supply at your residence. Drinking water supply sampling is taking place regarding the Former Junker Municipal Landfill located at 917 Alexander Road, Town of Hudson, Wisconsin. The water sample will be collected prior to any filtration equipment and be analyzed for volatile organic compounds (VOCs). This testing does not include analyses for bacteria, nitrates, or any other additional compounds. Once sample results are completed, we will forward them to you for your documentation. The sampling and lab analysis are at no cost to you.

Please contact me, Kirsten Lee, as soon as possible to schedule your drinking water sampling. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

For any questions you may have, please contact myself or WDNR hydrogeologist Candace Sykora at (715) 928-0452 or by email at candace.sykora@wisconsin.gov.

Thank you in advance for your cooperation.

Sincerely,
CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee". The signature is written in a cursive, flowing style.

Kirsten Lee
Environmental Specialist

cc: Candace Sykora, WDNR



engineering | architecture | environmental | surveying
landscape architecture | planning | economic development

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

January 5, 2021

Current Resident
965 Country Road A
Hudson, WI 54016

Dear Current Resident:

Cedar Corporation, on behalf of Wisconsin Department of Natural Resources (WDNR), is requesting to sample the potable water supply at your residence. Drinking water supply sampling is taking place regarding the Former Junker Municipal Landfill located at 917 Alexander Road, Town of Hudson, Wisconsin. The water sample will be collected prior to any filtration equipment and be analyzed for volatile organic compounds (VOCs). This testing does not include analyses for bacteria, nitrates, or any other additional compounds. Once sample results are completed, we will forward them to you for your documentation. The sampling and lab analysis are at no cost to you.

Please contact me, Kirsten Lee, as soon as possible to schedule your drinking water sampling. I can be reached in the office at (715) 235-9081 or by email kirsten.lee@cedarcorp.com.

For any questions you may have, please contact myself or WDNR hydrogeologist Candace Sykora at (715) 928-0452 or by email at candace.sykora@wisconsin.gov.

Thank you in advance for your cooperation.

Sincerely,
CEDAR CORPORATION

A handwritten signature in black ink that reads "Kirsten Lee".

Kirsten Lee
Environmental Specialist

cc: Candace Sykora, WDNR

APPENDIX D

WDNR WELL CONSTRUCTION APPROVAL LETTERS

WELL CONSTRUCTION LOGS

REQUEST FOR SAMPLING LETTERS - VARIANCE APPROVALS

POINT-OF-ENTRY GAC FILTER INSTALLATION APPROVALS

MONITORING WELL LOGS/CONSTRUCTION REPORTS

WDNR WELL CONSTRUCTION APPROVAL LETTERS



June 09, 2021

Wise Holdings LLC
Brock Wise
W12090 846th Avenue
River Falls, WI 54022

Subject: **VARIANCE APPROVAL** for a new well located at 866 Hartman Circle, Town of Hudson, in Saint Croix County, SE 1/4 NE 1/4 Sec. 21 T29N R19W; **Variance ID 10782.**

Dear Brock Wise :

The Department of Natural Resources (DNR) has reviewed your request received by DNR on May 19, 2021 for a variance to the requirements of s. NR 812.12(3), Wis. Adm. Code, which requires a well driller or well constructor to provide for greater depth of well casing pipe in special well casing depth areas (SWCDA) designated by the DNR where well histories show contamination extends to a greater depth. DNR has determined that your variance meets the requirements of NR 812.43, Wis. Adm. Code, and the variance is approved, subject to the following:

CONDITIONS

The following construction or installation features for the well and water supply system shall be complied with to protect human health and groundwater comparable to strict code compliance:

- 1) In order to prevent the downward migration of contaminants, any well constructed to the Cambrian sandstone must:
 - a) be constructed according to SWCDA requirements, and
 - b) not be constructed with open hole exposed through the St. Peter sandstone or Prairie du Chien dolomite.
- 2) The well is constructed to meet all other applicable requirements in NR 812, Wis. Adm. Code.
- 3) Within 60-days of the well becoming operational, a water sample shall be collected from the well and be analyzed for Volatile Organic Compounds (VOCs), using an approved method listed in s. NR 809.311 Table F, 809.111 Table A, 809.203 Table CM or 809.243 Table E, appropriate for the contaminant and its primary drinking water standard. Within 15 Days of receipt of the results, submit a copy of the results to Stacy J. Steinke (StacyJ.Steinke@wisconsin.gov) and Candace Sykora (Candace.Sykora@wisconsin.gov).
- 4) The well must be sampled annually for VOCs using an approved method as outlined above and a copy of the annual results must also be sent to Stacy J. Steinke (StacyJ.Steinke@wisconsin.gov) and Candace Sykora (Candace.Sykora@wisconsin.gov) until the department determines sampling is no longer necessary.
- 5) The department may require that the well be permanently filled and sealed if the well water contains contaminant levels in excess of the standards specified in s. NR 812.06. Please note: the contaminant of concern in the special deep well casing area is trichloroethylene (TCE). More information about TCE can be found at <https://www.dhs.wisconsin.gov/chemical/trichloroethylene.htm>. The current standard for TCE is 5.0 ug/L, though for the protection of public health, the standard may be lowered to 0.5 ug/L in 2022 (more information about the proposed lower standard can be found here: <https://www.dhs.wisconsin.gov/publications/p02434u.pdf>).
- 6) A copy of this variance must be provided to any potential buyer at least 10 - days prior to the closing of any sale of this property. All subsequent owners must also comply with this condition.
- 7) If construction of the well has not commenced within 2 years of the date on this letter, the approval is void.

Failure to comply with the conditions of this variance or any other applicable requirements of ch. NR 812 voids the variance approval.

Please note that groundwater flow, the surrounding land uses and the physical condition of your well will change over time. The changes can affect the groundwater quality of your well. To investigate for changes in groundwater quality, the department recommends at least annual sampling for bacteria and nitrate.

FINDINGS

Your request for a variance is granted because your application demonstrates that strict compliance with the code is not feasible. The reason that strict compliance with the code is not feasible is that an extensive data review has taken place

as part of an effort to update the special deep well casing area (SWCA) boundaries. The data indicates the plume of TCE originating from Nor Lake is flowing in a west to northwesterly direction and is not likely to impact a well in this location. The area the lot is located in is also proposed to be removed from the SWCA in the near future. Features that contribute to comparable protection include:

- 1) Sampling records indicate that water quality up-gradient of the lot meets drinking water quality standards.
- 2) Groundwater flow in the area is in a west to northwesterly direction, making the proposed well up and side gradient of the contamination site and known contamination plume.
- 3) Well sampling requirements specified in the conditions of this approval will provide additional water quality confirmation for the well.
- 4) This special well casing area was established due to the possible presence of volatile organic compounds (VOCs) in groundwater. VOCs may or may not be present at any location within the special well casing area.

The DNR has authority under chs. 280 and 281, Stats. and s. NR 812.43, Wis. Adm. Code, to grant a variance from ch. NR 812 requirements when strict compliance is not feasible. The DNR may also require additional construction or installation features to protect drinking water and groundwater from contamination as a condition of a variance.

A department-approved variance does not guarantee acceptable water quality or quantity. This variance application was evaluated based on information provided to the department and is assumed to be accurate. The department has not inspected the well and water system that is the subject of this variance application. The well has not been evaluated by the department for compliance with NR 812 requirements beyond what is addressed in the variance request. Undisclosed noncomplying features will void the variance.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to sections 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the department, to file your petition with the appropriate circuit court and serve the petition on the department. Such a petition for judicial review must name the DNR as the respondent.

To request a contested case hearing pursuant to section 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the department, to serve a petition for hearing on the Secretary of the DNR. All requests for contested case hearings must be made in accordance with section NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with section NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review.

If you have any questions, please feel free to call me at (715) 839-3773 or e-mail at StacyJ.Steinke@wisconsin.gov.

Sincerely,



Stacy Steinke, Water Supply Specialist
Private Water Supply Section
Bureau of Drinking Water and Groundwater

Eccs:

MARTELL WELL DRILLING & PUMP REPAIR INC - Driller



June 09, 2021

Matt Kleffman
7545 Alpine Ct
Inver Grove Heights, MN 55077

Subject: **VARIANCE APPROVAL** for a new well located at 962 Prairie View Circle, Town of Hudson, in Saint Croix County, SE 1/4 NE 1/4 Sec. 13 T29N R19W; **Variance ID 10716.**

Dear Matt Kleffman :

The Department of Natural Resources (DNR) has reviewed your request received by DNR on March 17, 2021 for a variance to the requirements of s. NR 812.12(3), Wis. Adm. Code, which requires a well driller or well constructor to provide for greater depth of well casing pipe in special well casing depth areas (SWCDA) designated by the DNR where well histories show contamination extends to a greater depth. DNR has determined that your variance meets the requirements of NR 812.43, Wis. Adm. Code, and the variance is approved, subject to the following:

CONDITIONS

The following construction or installation features for the well and water supply system shall be complied with to protect human health and groundwater comparable to strict code compliance:

- 1) In order to prevent the downward migration of contaminants, any well constructed to the Cambrian sandstone must:
 - a) be constructed according to SWCDA requirements, and
 - b) not be constructed with open hole exposed through the St. Peter sandstone or Prairie du Chien dolomite.
- 2) The well is constructed to meet all other applicable requirements in NR 812, Wis. Adm. Code.
- 3) Within 60-days of the well becoming operational, a water sample shall be collected from the well and be analyzed for Volatile Organic Compounds (VOCs), using an approved method listed in s. NR 809.311 Table F, 809.111 Table A, 809.203 Table CM or 809.243 Table E, appropriate for the contaminant and its primary drinking water standard. Within 15 Days of receipt of the results, submit a copy of the results to Stacy J. Steinke (StacyJ.Steinke@wisconsin.gov) and Candace Sykora (Candace.Sykora@wisconsin.gov).
- 4) The well must be sampled annually for VOCs using an approved method as outlined above and a copy of the annual results must also be sent to Stacy J. Steinke (StacyJ.Steinke@wisconsin.gov) and Candace Sykora (Candace.Sykora@wisconsin.gov) until the department determines sampling is no longer necessary.
- 5) The department may require that the well be permanently filled and sealed if the well water contains contaminant levels in excess of the standards specified in s. NR 812.06. Please note: the contaminant of concern in the special deep well casing area is trichloroethylene (TCE). More information about TCE can be found at <https://www.dhs.wisconsin.gov/chemical/trichloroethylene.htm>. The current standard for TCE is 5.0 ug/L, though for the protection of public health, the standard may be lowered to 0.5 ug/L in 2022 (more information about the proposed lower standard can be found here: <https://www.dhs.wisconsin.gov/publications/p02434u.pdf>).
- 6) A copy of this variance must be provided to any potential buyer at least 10 - days prior to the closing of any sale of this property. All subsequent owners must also comply with this condition.
- 7) If construction of the well has not commenced within 2 years of the date on this letter, the approval is void.

Failure to comply with the conditions of this variance or any other applicable requirements of ch. NR 812 voids the variance approval.

Please note that groundwater flow, the surrounding land uses and the physical condition of your well will change over time. The changes can affect the groundwater quality of your well. To investigate for changes in groundwater quality, the department recommends at least annual sampling for bacteria and nitrate.

FINDINGS

Your request for a variance is granted because your application demonstrates that strict compliance with the code is not feasible. The reason that strict compliance with the code is not feasible is that an extensive data review has taken place

as part of an effort to update the special deep well casing area (SWCA) boundaries. The data indicates the plume of TCE originating from Junkers Landfill is flowing in a west to northwesterly direction and is not likely to impact a well in this location. The area the lot is located in is also proposed to be removed from the SWCA in the near future. Features that contribute to comparable protection include:

- 1) Sampling records indicate that water quality up-gradient of the lot meets drinking water quality standards.
- 2) Groundwater flow in the area is in a west to northwesterly direction, making the proposed well side gradient of the landfill site and known contamination plume.
- 3) Well sampling requirements specified in the conditions of this approval will provide additional water quality confirmation for the well.
- 4) This special well casing area was established due to the possible presence of volatile organic compounds (VOCs) in groundwater. VOCs may or may not be present at any location within the special well casing area.

The DNR has authority under chs. 280 and 281, Stats. and s. NR 812.43, Wis. Adm. Code, to grant a variance from ch. NR 812 requirements when strict compliance is not feasible. The DNR may also require additional construction or installation features to protect drinking water and groundwater from contamination as a condition of a variance.

A department-approved variance does not guarantee acceptable water quality or quantity. This variance application was evaluated based on information provided to the department and is assumed to be accurate. The department has not inspected the well and water system that is the subject of this variance application. The well has not been evaluated by the department for compliance with NR 812 requirements beyond what is addressed in the variance request. Undisclosed noncomplying features will void the variance.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to sections 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the department, to file your petition with the appropriate circuit court and serve the petition on the department. Such a petition for judicial review must name the DNR as the respondent.

To request a contested case hearing pursuant to section 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the department, to serve a petition for hearing on the Secretary of the DNR. All requests for contested case hearings must be made in accordance with section NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with section NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review.

If you have any questions, please feel free to call me at (715) 839-3773 or e-mail at StacyJ.Steinke@wisconsin.gov.

Sincerely,



Stacy Steinke, Water Supply Specialist
Private Water Supply Section
Bureau of Drinking Water and Groundwater

Eccs:

BUTTERFIELD, TIM DRILLING INC - Driller

WELL CONSTRUCTION LOGS

Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER AAG108

State of WI - Private Water Systems - DG/2
 Department of Natural Resources, Box 7921
 Madison, WI 53707
 Please type or Print using a black Pen
 Please Use Decimals Instead of Fractions.

Form 3300-77A
 (R 8/00)

Property Owner OEVERING HOMES		Telephone -- Number	
Mailing Address 1433 CERNOHOUS AVE STE A			
City NEW RICHMOND		State WI	Zip Code 54017
County of Well Location St. Croix	County Well Permit No. W	Well Completion Date 01/27/2021	

1. Well Location <input checked="" type="checkbox"/> Town <input type="checkbox"/> City <input type="checkbox"/> Village of HUDSON	Fire # (if available) 770
---	-------------------------------------

Grid or Street Address or Road Name and Number
JACK AVE

Subdivision Name HUNTER HILLS ESTATES	Lot # 3	Block #
---	-------------------	---------

Well Constructor (Business Name) BUTTERFIELD, TIM DRILLING IN	License # 6900	Facility ID Number (Public Wells)
Address 395 REED ST		Public Well Plan Approval # W--
City SOMERSET	State WI	Zip Code 54025
Date of Approval (mm/dd/yyyy)		
Hicap Permanent well #	Common Well #	Specific Capacity .4 gpm/ft

Gov't Lot #	or	SE 1/4 of	SE 1/4 of
Section 14	T	29 N; R 19	<input type="checkbox"/> E <input checked="" type="checkbox"/> W
Latitude Deg. 44	Min. 59.646		
Longitude Deg. -92	Min. 38.688		

2. Well Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Reconstruction	Lat/Long Method SCR002
of previous unique well # constructed in Reason for replaced or Reconstructed Well?	

3. Well serves **1** # of homes and/or (e.g. barn, restaurant, church, school, industry, etc.) **HOME**

High capacity Well? Yes No
 Property? Yes No

Drilled Driven Point Jetted Other:

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:
 Well located in floodplain? Yes No
 Distance in Feet from Well to Nearest:

- Landfill
- Building Overhang
- Septic Holding Tank
- Sewage Absorption Unit **>50**
- Nonconforming Pit
- Buried Home Heating Oil Tank
- Buried Petroleum Tank
- Shoreline Swimming Pool
- Downspout/Yard Hydrant
- Privy
- Foundation Drain to Clearwater
- Foundation Drain to Sewer
- Building Drain
 Cast Iron or Plastic Other
- Building Sewer Gravity Pressure
 Cast Iron or Plastic Other
- Collector or Street Sewer:
 Sanitary units in diam.
 Storm =< 6 > 6
- Clearwater Sump

- Wastewater Sump
- Paved Animal Barn Pen
- Animal Yard or Shelter
- Silo
- Barn Gutter
- Manure Pipe Gravity Pressure
 Cast Iron or Plastic Other
- Other Manure Storage
- Ditch
- Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method		From (ft.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
Dia. (in.)					
6	0	100			
<input type="checkbox"/> --1. Rotary - Mud Circulation----- <input type="checkbox"/> <input type="checkbox"/> --2. Rotary - Air----- <input type="checkbox"/> <input type="checkbox"/> --3. Rotary - Air and Foam----- <input type="checkbox"/> <input type="checkbox"/> --4. Drill-Through Casing Hammer <input type="checkbox"/> --5. Reverse Rotary <input type="checkbox"/> --6. Cable-tool Bit in. dia----- <input type="checkbox"/> <input type="checkbox"/> 7. Dual Rotary <input checked="" type="checkbox"/> <input type="checkbox"/> 8. Temp. Outer Casing in. dia. depth (ft) Removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, why not?					

8. Geology	From (ft.)	To (ft.)
--Y- Y-SAND & GRAVEL	0	60
--L- L-LIMESTONE/DOLOMITE	60	100

6. Casing, Liner, Screen	Material, Weight, Specification	From (ft.)	To (ft.)
Dia. (in.)	Manufacturer & Method of Assembly		
	6 NEW P&E BLK WELDED 18.97 LB/FT ASTM A53B IPSCO	0	60

9. Static Water Level ft. above ground surface 50 ft. below ground surface	11. Well is: <input checked="" type="checkbox"/> Above Grade 18 in. <input type="checkbox"/> Below Grade
10. Pump Test Pumping Level 75 ft. below surface Pumping at 10 GPM for 1 hours	Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

7. Grout or Other Sealing Material. Method:	From (ft.)	To (ft.)	# Sacks Cement
Method: MOUNDED Kind of Sealing Material			
GRANULAR BENTONITE	0	20	2

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
 Yes No If no, explain:

13. Signature of the Well Constructor or Supervisory Driller
TB Date signed **01/29/2021**

Signature of Drill Rig Operator (Mandatory unless same as above) Date signed

Make additional comments on reverse side about geology, additional screens, water quality, etc. Variance issued Yes No

Well Codes and Identifiers

Geologic Log No
SID Number
Common Well Name
Well Notification # 8275091001
Batch Seq #

Variance

<i>Type</i>	<i>Date</i>	<i>Reason</i>	<i>Granted?</i>
Other	10/08/2020	FINANCIAL HARDSHIP	N

Well Construction Report				AAG106		Drinking Water and Groundwater - DG/5				Form 3300-077A		
WISCONSIN UNIQUE WELL NUMBER						Department of Natural Resources, Box 7921				Madison WI 53707		
Property Owner OEVERING HOMES					Phone #			1. Well Location			Fire # (if avail.)	
Mailing Address 1433 CERNOHOUS AVE STE A								Town of HUDSON			912	
City NEW RICHMOND					State WI		Zip Code 54017					
County Saint Croix		Co. Permit #		Notification # 8274384001		Completed 01-26-2021		Subdivision Name HUNTER HILLS ESTATES			Lot # 6	Block #
Well Constructor (Business Name) BUTTERFIELD, TIM DRILLING INC				Lic. # 6900	Facility ID # (Public Wells)			Latitude / Longitude in Decimal Degree (DD) 44.9941 °N -92.6426 °W			Method Code SCR002	
Address 395 REED ST SOMERSET WI 54025				Well Plan Approval #			SE	SE	Section 14	Township 29 N	Range 19 W	
				Approval Date (mm-dd-yyyy)			or Govt Lot #	14	29 N	19 W	2. Well Type New Well	
Hicap Permanent Well #		Common Well #		Specific Capacity 0.4			Reason for replaced or reconstructed well ?					
3. Well serves 1 # of HOME				Hicap Well ? No		Private, potable		Hicap Property ? No		Heat Exchange ___ # of drillholes		Hicap Potable ? No
							Construction Type Drilled					
4. Potential Contamination Sources - ON REVERSE SIDE												
5. Drillhole Dimensions and Construction Method						Geology Codes		8. Geology Type, Caving/Noncaving, Color, Hardness, etc...			From (ft.)	To (ft.)
Dia. (in.)	From (ft.)	To (ft.)	Upper Enlarged Drillhole			Lower Open Bedrock						
6	Surface	120	<u>No</u> Rotary - Mud Circulation			<u>No</u>					Surface	80
			<u>No</u> Rotary - Air			<u>No</u>						
			<u>No</u> Rotary - Air & Foam			<u>No</u>						
			<u>No</u> Drill-Through Casing Hammer									
			<u>No</u> Reverse Rotary									
			<u>No</u> Cable-tool Bit ___in. dia...			<u>No</u>						
			<u>No</u> Dual Rotary			<u>Yes</u>						
			<u>No</u> Temp. Outer Casing ___in. dia									
			<u>No</u> Removed? ___depth ft. (If NO explain on back side)									
6. Casing, Liner, Screen						9. Static Water Level			11. Well Is			
Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly			From (ft.)	To (ft.)	80 ft. below ground surface			18 in. above grade			
6	NEW P&E BLK WELDED 18.97 LB/FT ASTM A53B IPSCO			Surface	80	10. Pump Test			Developed ?	Yes		
Dia. (in.)	Screen type, material & slot size			From (ft.)	To (ft.)	Pumping level 107 ft. below surface			Disinfected ?	Yes		
						Pumping at 10 GP M for 1 Hrs.			Capped ?	Yes		
						Pumping Method ? Airlift						
7. Grout or Other Sealing Material						12. Notified Owner of need to fill & seal ?						
Method MOUNDED						No						
Kind of Sealing Material		From (ft.)	To (ft.)	# Sacks Cement		Filled & Sealed Well(s) as needed?						
GRANULAR BENTONITE		Surface	20	2 S		No						
13. Constructor / Supervisory Driller						Lic #		Date Signed				
TB						6901		01-26-2021				
Drill Rig Operator						Lic or Reg #		Date Signed				

4a. Potential Contamination SourcesIs the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
POWTS holding component (also known as holding tank)	>	25	POWTS dispersal component (soil absorption unit or mound)	>	50

Comment:

Water Quality Text:

Water Quantity Text:

Difficulty Text:

Variance or Exception Type	Date	Reason	Granted
Other Variance	10/08/2020	FINANCIAL HARDSHIP	N

Created On: 01-26-2021

Created by: KCALIVA

Updated On: 01-27-2021

Updated by: LILLIC

Well Construction Report				ZM059		Drinking Water and Groundwater - DG/5				Form 3300-077A			
WISCONSIN UNIQUE WELL NUMBER						Department of Natural Resources, Box 7921				Madison WI 53707			
Property Owner WISE HOLDINGS LLC					Phone #			1. Well Location			Fire # (if avail.)		
Mailing Address 12090 846TH AVE								Town of HUDSON			866		
City RIVER FALLS					State WI		Zip Code 54022		Street Address or Road Name and Number				
866 HARTMAN CIR								Subdivision Name			Lot # Block #		
County Saint Croix		Co. Permit #		Notification # 8478825101		Completed 06-23-2021		Latitude / Longitude in Decimal Degree (DD)			Method Code		
Well Constructor (Business Name) MARTELL WELL DRILLING & PUMP REPAIR INC					Lic. # 105		Facility ID # (Public Wells)		44.9876 °N -92.6831 °W		GPS008		
Address PO BOX 28 SOMERSET WI 54025-0028					Well Plan Approval #		SE NE Section Township Range		or Govt Lot # 21 29 N 19 W				
Hicap Permanent Well #		Common Well #		Specific Capacity		2. Well Type New Well			of previous unique well # constructed in				
3. Well serves 1 # of OFFICE BUILDING					Hicap Well ? No		Reason for replaced or reconstructed well ?						
Non-community					Hicap Property ? No		Construction Type Drilled						
Heat Exchange ___ # of drillholes					Hicap Potable ? No								
4. Potential Contamination Sources - ON REVERSE SIDE													
5. Drillhole Dimensions and Construction Method													
Dia. (in.)		From (ft.)		To (ft.)		Upper Enlarged Drillhole			Lower Open Bedrock				
8.75		Surface		46		<u>Yes</u> Rotary - Mud Circulation			<u>No</u>				
6		46		140		<u>No</u> Rotary - Air			<u>Yes</u>				
						<u>No</u> Rotary - Air & Foam			<u>No</u>				
						<u>No</u> Drill-Through Casing Hammer							
						<u>No</u> Reverse Rotary							
						<u>No</u> Cable-tool Bit ___in. dia...			<u>No</u>				
						<u>No</u> Dual Rotary			<u>No</u>				
						<u>No</u> Temp. Outer Casing ___in. dia							
						<u>No</u> Removed? ___depth ft. (If NO explain on back side)							
8. Geology													
Dia. (in.)		From (ft.)		To (ft.)		Geology Codes		8. Geology Type, Caving/Noncaving, Color, Hardness, etc...		From (ft.) To (ft.)			
		Surface		23		S		S-SAND		Surface 23			
		23		140		L		L-LIMESTONE/DOLOMITE		23 140			
6. Casing, Liner, Screen													
Dia. (in.)		Material, Weight, Specification Manufacturer & Method of Assembly			From (ft.)		To (ft.)		9. Static Water Level			11. Well Is	
6		18.699 # PER FT ASTMA 53 NEW PRIME PE NUCOR TUBULAR			Surface		46		90 ft. below ground surface			18 in. above grade	
Dia. (in.)		Screen type, material & slot size			From (ft.)		To (ft.)		10. Pump Test			Developed ? Yes	
									Pumping level 90 ft. below surface			Disinfected ? Yes	
									Pumping at 10 GP M for 1 Hrs.			Capped ? Yes	
									Pumping Method ? Test Pump				
7. Grout or Other Sealing Material													
Method TREMIE PIPE - PUMPED													
Kind of Sealing Material		From (ft.)		To (ft.)		# Sacks Cement		12. Notified Owner of need to fill & seal ?				No	
NEAT CEMENT		Surface		46		15 S		Filled & Sealed Well(s) as needed?				No	
						13. Constructor / Supervisory Driller		Lic #		Date Signed			
						SF		6412		07-15-2021			
						Drill Rig Operator		Lic or Reg #		Date Signed			

4a. Potential Contamination SourcesIs the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
POWTS dispersal component (soil absorption unit or mound)		75	Septic or Holding, or POWTS Tank		60

Comment:

Water Quality Text:

Water Quantity Text:

Difficulty Text:

Created On: 08-30-2021

Created by: CHARMCAFEE

Updated On: 12-27-2021

Updated by: WELL PROCESS

Well Construction Report WISCONSIN UNIQUE WELL NUMBER				AAK749		Drinking Water and Groundwater - DG/5 Department of Natural Resources, Box 7921 Madison WI 53707				Form 3300-077A		
Property Owner DERRICK HOMES LLC					Phone #		1. Well Location				Fire # (if avail.)	
Mailing Address 1505 HWY 65 PO BOX 445							Town of HUDSON				962	
City NEW RICHMOND					State WI	Zip Code 54017		Street Address or Road Name and Number				
County Saint Croix		Co. Permit #	Notification # 8500140201		Completed 09-02-2021		Subdivision Name			Lot #	Block #	
Well Constructor (Business Name) BUTTERFIELD, TIM DRILLING INC					Lic. # 6900	Facility ID # (Public Wells)		Latitude / Longitude in Decimal Degree (DD)			Method Code	
Address 395 REED ST SOMERSET WI 54025					Well Plan Approval #		SE	NE	Section 13	Township 29 N	Range 19 W	
Hicap Permanent Well #		Common Well #		Specific Capacity 1.8		or Govt Lot #			13	29 N	19 W	
3. Well serves 1 # of HOME					Hicap Well ? No		2. Well Type New Well					
Private, potable					Hicap Property ? No		of previous unique well # constructed in					
Heat Exchange ___ # of drillholes					Hicap Potable ? No		Reason for replaced or reconstructed well ?					
							Construction Type Drilled					
4. Potential Contamination Sources - ON REVERSE SIDE												
5. Drillhole Dimensions and Construction Method						8. Geology						
Dia. (in.)	From (ft.)	To (ft.)	Upper Enlarged Drillhole			Lower Open Bedrock		Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc...		From (ft.)	To (ft.)
6	Surface	100	<u>No</u> Rotary - Mud Circulation			<u>No</u>		Z	Z-CLAY & GRAVEL		Surface	40
			<u>No</u> Rotary - Air			<u>No</u>		Y	Y-SAND & GRAVEL		40	60
			<u>No</u> Rotary - Air & Foam			<u>No</u>		L	L-LIMESTONE/DOLOMITE		60	100
			<u>No</u> Drill-Through Casing Hammer									
			<u>No</u> Reverse Rotary									
			<u>No</u> Cable-tool Bit ___in. dia...			<u>No</u>						
			<u>No</u> Dual Rotary			<u>Yes</u>						
			<u>No</u> Temp. Outer Casing ___in. dia									
			<u>No</u> Removed? ___depth ft. (If NO explain on back side)									
6. Casing, Liner, Screen						9. Static Water Level			11. Well Is			
Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly			From (ft.)	To (ft.)	60 ft. below ground surface			18 in. above grade			
6	NEW P&E BLK WELDED 18.97 LB/FT ASTM A53B IPSCO			Surface	60	10. Pump Test			Developed ? Yes			
Dia. (in.)	Screen type, material & slot size			From (ft.)	To (ft.)	Pumping level 71 ft. below surface			Disinfected ? Yes			
						Pumping at 20 GP M for 1 Hrs.			Capped ? Yes			
						Pumping Method ? Airlift						
7. Grout or Other Sealing Material						12. Notified Owner of need to fill & seal ?						
Method MOUNDED						No						
Kind of Sealing Material		From (ft.)	To (ft.)	# Sacks Cement		Filled & Sealed Well(s) as needed?						
GRANULAR BENTONITE		Surface	20	2 S		No						
13. Constructor / Supervisory Driller			Lic #		Date Signed							
TB			6901		09-03-2021							
Drill Rig Operator			Lic or Reg #		Date Signed							
MS			8963		09-03-2021							

4a. Potential Contamination Sources

Is the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
POWTS holding component (also known as holding tank)	>	25	POWTS dispersal component (soil absorption unit or mound)	>	50

Comment:

Water Quality Text:

Water Quantity Text:

Difficulty Text:

Variance or Exception Type	Date	Reason	Granted
Other Variance	06/09/2021	SPECIAL CASING DEPTH AREA	N

Created On: 08-17-2021

Created by: KCALIVA

Updated On: 01-21-2022

Updated by: WELL PROCESS

REQUEST FOR SAMPLING LETTERS - VARIANCE APPROVALS



engineering | architecture | environmental | surveying
landscape architecture | planning | economic development

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

March 10, 2022

Well Variance Recipient
12090 846th Ave
River Falls, WI 54022

Dear Well Variance Recipient:

Cedar Corporation, on behalf of the Wisconsin Department of Natural Resources (WDNR), is requesting to sample the potable water supply well at 866 Hartman Circle. Drinking water supply sampling is ongoing in areas near the Former Junker Municipal Landfill located at 917 Alexander Road, Town of Hudson, Wisconsin. The water sample will be collected prior to any filtration equipment and be analyzed for volatile organic compounds (VOCs). This testing does not include analyses for bacteria, nitrates, or any other additional compounds. Once sample results are received, we will forward them to you for your documentation. The sampling and lab analysis are provided at no cost to you.

Please contact me, Orion Reutzel, as soon as possible to schedule your drinking water sampling. I can be reached in the office at (715) 235-9081 or by email at orion.reutzel@cedarcorp.com.

For any questions you may have, please contact myself or WDNR hydrogeologist Candace Sykora at (715) 928-0452 or by email at candace.sykora@wisconsin.gov.

Thank you in advance for your cooperation.

Sincerely,
CEDAR CORPORATION

A handwritten signature in black ink, appearing to read "Orion Reutzel", with a long horizontal flourish extending to the right.

Orion Reutzel
Environmental Specialist

cc: Candace Sykora, WDNR



engineering | architecture | environmental | surveying
landscape architecture | planning | economic development

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

March 10, 2022

Well Variance Recipient
1505 HWY 65 PO BOX 445
River Falls, WI 54022

Dear Well Variance Recipient:

Cedar Corporation, on behalf of the Wisconsin Department of Natural Resources (WDNR), is requesting to sample the potable water supply well at 962 Prairie View Circle. Drinking water supply sampling is ongoing in areas near the Former Junker Municipal Landfill located at 917 Alexander Road, Town of Hudson, Wisconsin. The water sample will be collected prior to any filtration equipment and be analyzed for volatile organic compounds (VOCs). This testing does not include analyses for bacteria, nitrates, or any other additional compounds. Once sample results are received, we will forward them to you for your documentation. The sampling and lab analysis are provided at no cost to you.

Please contact me, Orion Reutzel, as soon as possible to schedule your drinking water sampling. I can be reached in the office at (715) 235-9081 or by email [at orion.reutzel@cedarcorp.com](mailto:orion.reutzel@cedarcorp.com).

For any questions you may have, please contact myself or WDNR hydrogeologist Candace Sykora at (715) 928-0452 or by email at candace.sykora@wisconsin.gov.

Thank you in advance for your cooperation.

Sincerely,
CEDAR CORPORATION

A handwritten signature in black ink, appearing to read "Orion Reutzel", with a long horizontal flourish extending to the right.

Orion Reutzel
Environmental Specialist

cc: Candace Sykora, WDNR

POINT-OF-ENTRY GAC FILTER INSTALLATION APPROVALS

Send All Copies To:
State of Wisconsin
Department of Natural Resources
Private Water Systems Section
P. O. Box 7921
Madison, WI 53707-7921
dnr.wi.gov

DRAFT

**Owner Application for Point-of-Entry
Granular Activated Carbon Filter**

Form 3300-309 (R 01/016)

Page 1 of 2

Notice: This form is authorized by s. 281.58, Wis. Stats. Submitting a completed form and all applicable items on the Checklist below to the Department of Natural Resources (DNR) is mandatory for all applicants seeking wastewater treatment financial assistance from the CWF. Failure to submit a complete application to the DNR may be grounds for denial of the application by the CWF. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

I request approval to install a JL-100 Point-of-entry granulated activated carbon water treatment device on my well located at 942 Alexander Road, Hudson, WI, in the NE 1/4 of the SW 1/4 of Section 13, Township 29 N, Range 19 W, Town of Hudson, Saint Croix County. The Wisconsin Unique Well Number is BM 127. A sample was collected from my water supply for volatile organic compound (VOC) analysis, and it contained or being within the SWCA, may potentially contain in future sampling, one or more of the compounds at or below the allowable treatment capacity of the proposed water treatment device. A copy of the analytical results of the water sample is attached to this application.

- A pretreatment water treatment device is required; type of device installed Sediment Filter
 No pretreatment device is required.

In making this application, I agree to the following:

1. That I will sample or permit sampling of my water supply for analysis of VOC's, dissolved iron, iron bacteria and total coliform bacteria as scheduled.
2. That I will permit periodic maintenance of the water treatment device.
3. That I will use the water treatment device according to the operating instructions, and any State of Wisconsin approvals.
4. That I am aware of the responsibility to maintain my well in compliance with the construction and location requirements of ch. NR 812, Wisconsin Administrative Code.

Owner's or Operator's Signature

Date

7-19-21

WELL OWNER (PRINTED)		
Name Justin Schoepke		
Mailing Address 942 Alexander Road		
City Hudson	State WI	ZIP Code 54016

Leave Blank - DNR Use Only	
Received	7/19/2021
Action	APPROVED
On	8/13/2021
By	<i>Stacy J. Steinke</i>

The water treatment device may be installed after the application is processed and the well owner is notified of approval in writing.

- General conditions for the installation of a Point-of-Entry (POE) granulated activated carbon water treatment system is found on the attached sheet along with a sketch of a standard installation on a private water supply.

GENERAL CONDITIONS OF APPROVAL FOR THE INSTALLATION OF A POINT-OF-ENTRY GRANULATED ACTIVATED CARBON WATER TREATMENT DEVICE

1. That the flow meter, two granulated activated carbon vessels in series, pressure gauges, sampling faucets, and piping be installed as proposed and as indicated in Figure 1. below.
2. That a maintenance record shall be kept near the water treatment device indicating the date of installation, dates of inspection, dates of water analysis, the quantity of flow, the concentration of the contaminants before the first filter, the sample results after the second filter following changeout of the filters, the date of filter and/or parts replacement and the general condition of the water treatment system.
3. Both carbon filters shall be replaced when any of the following occurs: (1) the filter reaches 90% of anticipated breakthrough, (2) the contaminant concentration in the treated water exceeds the Enforcement Standards or Health Advisory Levels for the contaminants of concern, (3) the increased post-installation pressure drop through one filter exceeds 10 pounds per square inch (psi) or the manufacturer's maximum psi drop, (4) after two years of service, or (5) the volume of water passing through the filters since the last filter exchange exceeds the give filter specification on volume of water treated, whichever occurs first.
4. A maintenance agreement to provide replacement filters shall be provided and remain in effect as long as the water treatment devices is on-line.

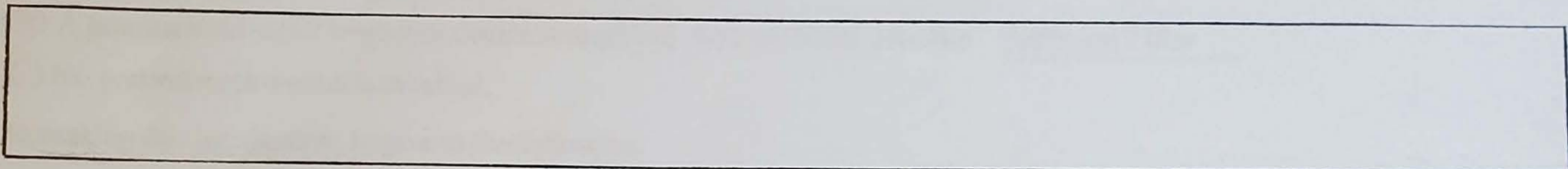
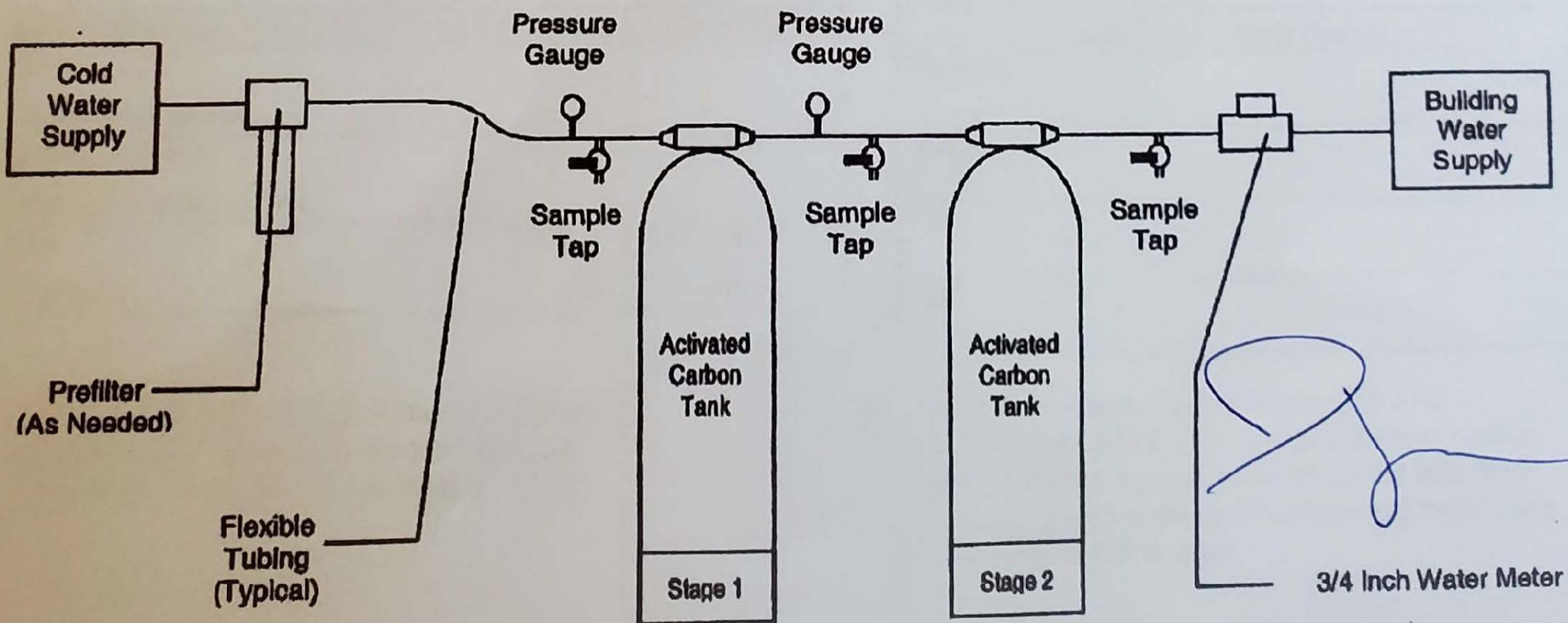


Table 1. Granulated Activated Carbon Filter Operating Capacities

Parameter	Operating Conditions or Contaminant Concentrations
Flow Rate	6
Maintenance Cycle	127620
Contaminants found in Raw Water Supply	
1,1-Dichloroethene	
1,1,1-Trichloroethane	
Tetrachlorethene	
Trichloroethylene	1.7
Freon	

Figure 1. Basic "In Series" Water Treatment Device Installation



27-19-21

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 942 Alexander Rd Raw

Lab Sample ID: 500-201094-4

Date Collected: 06/15/21 09:30

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			06/28/21 14:31	1
Benzene	<0.15		0.50	0.15	ug/L			06/28/21 14:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			06/28/21 14:31	1
Bromoform	<0.48		1.0	0.48	ug/L			06/28/21 14:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			06/28/21 14:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/28/21 14:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			06/28/21 14:31	1
Chloroform	<0.37		2.0	0.37	ug/L			06/28/21 14:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			06/28/21 14:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			06/28/21 14:31	1
cis-1,2-Dichloroethylene	<0.41		1.0	0.41	ug/L			06/28/21 14:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			06/28/21 14:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			06/28/21 14:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			06/28/21 14:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			06/28/21 14:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			06/28/21 14:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
1,1-Dichloroethylene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			06/28/21 14:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			06/28/21 14:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			06/28/21 14:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/28/21 14:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			06/28/21 14:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			06/28/21 14:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
Methyl bromide	<0.80		3.0	0.80	ug/L			06/28/21 14:31	1
Methyl chloride	<0.32		1.0	0.32	ug/L			06/28/21 14:31	1
Methylene bromide	<0.27		1.0	0.27	ug/L			06/28/21 14:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			06/28/21 14:31	1
Methyl ethyl ketone (MEK)	<2.1		5.0	2.1	ug/L			06/28/21 14:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			06/28/21 14:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			06/28/21 14:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			06/28/21 14:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
Styrene	<0.39		1.0	0.39	ug/L			06/28/21 14:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			06/28/21 14:31	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/28/21 14:31	1
Tetrachloroethylene	<0.37		1.0	0.37	ug/L			06/28/21 14:31	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF

Job ID: 500-201094-1

Client Sample ID: 942 Alexander Rd Raw

Lab Sample ID: 500-201094-4

Date Collected: 06/15/21 09:30

Matrix: Water

Date Received: 06/18/21 09:20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			06/28/21 14:31	1
Toluene	<0.15		0.50	0.15	ug/L			06/28/21 14:31	1
1,2-trans-Dichloroethylene	<0.35		1.0	0.35	ug/L			06/28/21 14:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			06/28/21 14:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			06/28/21 14:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/28/21 14:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/28/21 14:31	1
Trichloroethylene	1.7		0.50	0.16	ug/L			06/28/21 14:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			06/28/21 14:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			06/28/21 14:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			06/28/21 14:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			06/28/21 14:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/21 14:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			06/28/21 14:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 124					06/28/21 14:31	1
Dibromofluoromethane	99		75 - 120					06/28/21 14:31	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 126					06/28/21 14:31	1
Toluene-d8 (Surr)	99		75 - 120					06/28/21 14:31	1

MONITORING WELL LOGS/CONSTRUCTION REPORTS

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Junker Landfill</u>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name <u>JMW-16B</u>
Facility License, Permit or Monitoring No. <u>1972</u>	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ "Long. _____ or _____	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID <u>656026800</u>	St. Plane <u>34894.779</u> ft. N. <u>536008.370</u> ft. E. S/C/N	Date Well Installed <u>5/19/2021</u> m m d d y y y y
Type of Well Well Code <u>12/PZ</u>	Section Location of Waste/Source <u>SE 1/4 of SE 1/4 of Sec. 15, T. 29 N, R. 19</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Dan Pflipsen</u> <u>Trout Companies</u>
Distance from Waste/ Source _____ ft.	Enf. Stds. Apply <input checked="" type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known
		Gov. Lot Number _____

A. Protective pipe, top elevation <u>896.09</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>896.099</u> ft. MSL	2. Protective cover pipe: a. Inside diameter: <u>6</u> in. b. Length: <u>5</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation <u>894.195</u> ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. <u>20.42</u> Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <u>Sonic</u> Other <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint #40</u> b. Volume added <u>2.95</u> ft ³
17. Source of water (attach analysis, if required): <u>City of Hudson</u>	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top <u>894.195</u> ft. MSL or <u>0</u> ft.	10. Screen material: <u>PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Manufacturer <u>Johnson</u> c. Slot size: <u>0.01</u> in. d. Slotted length: <u>10</u> ft.
G. Filter pack, top <u>811.195</u> ft. MSL or <u>83</u> ft.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input checked="" type="checkbox"/>
H. Screen joint, top <u>809.195</u> ft. MSL or <u>85</u> ft.	
I. Well bottom <u>799.195</u> ft. MSL or <u>95</u> ft.	
J. Filter pack, bottom <u>799.195</u> ft. MSL or <u>95</u> ft.	
K. Borehole, bottom <u>784.195</u> ft. MSL or <u>110</u> ft.	
L. Borehole, diameter <u>7.0</u> in.	
M. O.D. well casing <u>2.37</u> in.	
N. I.D. well casing <u>1.91</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Kristin Xu Firm Cedar Corp

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Junker Landfill			License/Permit/Monitoring Number 1972		Boring Number JMW-16B		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Pflipsen			Date Drilling Started 5/19/2021		Date Drilling Completed 5/19/2021		
Firm: Traut Companies			M M D D Y Y Y Y 5/19/2021		M M D D Y Y Y Y 5/19/2021		
WI Unique Well No.		DNR Well ID No.	Common Well Name JMW-16B		Final Static Water Level 855.26 Feet MSL		
					Surface Elevation 894.1 Feet MSL		
					Borehole Diameter Z inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane 348894.7787 N, 536068.3696 E S/C/N			Local Grid Location				
SE 1/4 of SE 1/4 of Section 15 , T 29 N, R 19 W			Lat _____ Long _____		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID 656026800		County St. Croix		DNR County Code 15		City Hudson	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Soil Properties					ROD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			0	Top Soil											
			10	Brown medium sand											
			20	Brown fine to medium sand with small to large cobbles											
			30												
			40	Dolomitic siltstone											
			50	Dolomitic sandstone											
			60	Yellow/tan sandstone											
			60	Weathered dolomitic sandstone with green/grey clay and shal interbeds											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

Kristen Lee

Firm



Sample		Blow Counts	Depth in Feet		USCS	Graphic Log	Well Diagram	PID / FID	Soil Properties					ROD/Comments
Number	Length Recovered								STD Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
				<p>Dolomitic siltstone</p> <p>Dolomitic siltstone with sandstone interbeds and occasional green/grey shale and clay interbeds</p> <p>E.O.B. Set well at 95'</p>										

Facility/Project Name Junker Landfill	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name JMW-17A
Facility License, Permit or Monitoring No. 1972	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 656026800	St. Plane 354258.14 ft. N, 537155.03 ft. E, S/C/N	Date Well Installed 5/26/2021 m m d d y y v v v
Type of Well Well Code 1L, MW	Section Location of Waste/Source S 1/4 of SW 1/4 of Sec. 11, T. 29 N, R. 19 E W	Well Installed By: Name (first, last) and Firm Dan Pflipsen Traut Companies
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input checked="" type="checkbox"/>	
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation 910.93 ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation 910.28 ft. MSL	2. Protective cover pipe: a. Inside diameter: 6 in. b. Length: 5 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation 908.15 ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. 13.04 Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Sonic Other <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added 5.41 ft ³
17. Source of water (attach analysis, if required): City of Hudson	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top 908.15 ft. MSL or 0 ft.	10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Manufacturer Johnson c. Slot size: 0.01 in. d. Slotted length: 20 ft.
G. Filter pack, top 855.15 ft. MSL or 53 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top 853.15 ft. MSL or 55 ft.	
I. Well bottom 833.15 ft. MSL or 75 ft.	
J. Filter pack, bottom 833.15 ft. MSL or 75 ft.	
K. Borehole, bottom 833.15 ft. MSL or 75 ft.	
L. Borehole, diameter 7.0 in.	
M. O.D. well casing 2.37 in.	
N. I.D. well casing 1.91 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature **Kristen Lu** Firm **Cedar Corp**

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Junker Landfill			License/Permit/Monitoring Number 1972		Boring Number JMW-17A	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Pflipsen			Date Drilling Started 5/26/2021		Date Drilling Completed 5/26/2021	
Firm: Traut Companies			M M D D Y Y Y Y 5/26/2021		M M D D Y Y Y Y 5/26/2021	
WI Unique Well No.		DNR Well ID No.	Common Well Name JMW-17A		Final Static Water Level 857.72 Feet MSL	
					Surface Elevation ##### Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane 354258.14296 N, 537155.03084 E S/C/N		Local Grid Location		
S 1/2 of SW 1/4 of Section 11, T 29 N, R 19 W		Lat _____		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID 656026800		County St. Croix		DNR County Code 15		City Hudson

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			10 20 30 40 50 60	Unconsolidated sand, pebbles, & cobbles										
				Weathered dolomite										
				Dolomitic sandstone										
				White fine sand with sandstone interbeds										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Kristen Lee*

Firm **Cedar corporation**

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the form should be sent.

Facility/Project Name Junker Landfill	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name JMW-17B
Facility License, Permit or Monitoring No. 1972	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ Long. _____ or _____	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 656026800	St. Plane 354259.75 ft. N, 537140.00 ft. E. S/C/N	Date Well Installed 5/25/2021 m m d d y y v v
Type of Well Well Code 12 / pz	Section Location of Waste/Source S 1/2 of SW 1/4 of Sec. 11, T. 29 N, R. 19 E W	Well Installed By: Name (first, last) and Firm Dan Pflipsen Trout Companies
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input checked="" type="checkbox"/> Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____

A. Protective pipe, top elevation 911.11 ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation 910.49 ft. MSL	2. Protective cover pipe: a. Inside diameter: 6 in. b. Length: 5 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation 908.15 ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. 24.11 Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Sonic Other <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added 2.95 ft ³
17. Source of water (attach analysis, if required): City of Hudson	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top 908.15 ft. MSL or 0 ft.	10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Manufacturer Johnson c. Slot size: 0.01 in. d. Slotted length: 1.0 ft.
G. Filter pack, top 810.15 ft. MSL or 98 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top 808.15 ft. MSL or 100 ft.	
I. Well bottom 798.15 ft. MSL or 110 ft.	
J. Filter pack, bottom 798.15 ft. MSL or 110 ft.	
K. Borehole, bottom 798.15 ft. MSL or 110 ft.	
L. Borehole, diameter 7.0 in.	
M. O.D. well casing 2.37 in.	
N. I.D. well casing 1.91 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature **Kristin Lu** Firm **Cedar Corp**

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Junker Landfill			License/Permit/Monitoring Number 1972		Boring Number JMW-17B		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Pflipsen			Date Drilling Started 5/25/2021		Date Drilling Completed 5/25/2021		
Firm: Traut Companies			M M D D Y Y Y Y M M D D Y Y Y Y		M M D D Y Y Y Y M M D D Y Y Y Y		
WI Unique Well No.		DNR Well ID No.	Common Well Name JMW-17B		Final Static Water Level 852.29 Feet MSL		
					Surface Elevation 908.15 Feet MSL		
					Borehole Diameter 7 inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane 354259.74510 N, 537160.06424 E S/C/N			Lat _____ Long _____		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
S 1/2 of SW 1/4 of Section 11, T 29 N, R 19 W							
Facility ID 656026800		County St. Croix		DNR County Code 15		City Hudson	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Soil Properties					ROD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			10 20 30 40 50 60	Unconsolidated sand, pebbles, & cobbles										
				Weathered dolomite										
				Dolomitic sandstone										
				White fine sand with sandstone interbeds										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Kristen Lee*

Firm



Facility/Project Name Junher Landfill	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name JMW-18A
Facility License, Permit or Monitoring No. 1972	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ or _____	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 656026800	St. Plane 350446.40 ft. N, 533490.01 ft. E. S/C/N	Date Well Installed 5/24/2021 m m d d y y v v
Type of Well Well Code 12, pz	Section Location of Waste/Source NE 1/4 of SW 1/4 of Sec. 15, T. 29 N, R. 19 W	Well Installed By: Name (first, last) and Firm Dan Pflipsen Trout Companies
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input checked="" type="checkbox"/>	
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation - 865.90 ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation - 865.43 ft. MSL	2. Protective cover pipe: a. Inside diameter: 8 in. b. Length: 74 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation - 865.89 ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or _____ ft.	3. Surface seal: Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. 31.49 Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Sonic Other <input checked="" type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint #40 b. Volume added 2.95 ft ³
17. Source of water (attach analysis, if required): City of Hudson	9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top - 865.89 ft. MSL or 0 ft.	10. Screen material: PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	b. Manufacturer Johnson c. Slot size: 0.01 in. d. Slotted length: 10 ft.
G. Filter pack, top - 737.89 ft. MSL or 128 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top - 735.89 ft. MSL or 130 ft.	
I. Well bottom - 725.89 ft. MSL or 140 ft.	
J. Filter pack, bottom - 725.89 ft. MSL or 140 ft.	
K. Borehole, bottom - 725.89 ft. MSL or 140 ft.	
L. Borehole, diameter - 7.0 in.	
M. O.D. well casing - 2.37 in.	
N. I.D. well casing - 1.91 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature **Kristen Lee** Firm **Cedar Corp**

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Junker Landfill			License/Permit/Monitoring Number 1972		Boring Number JMW-18A	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Pflipsen			Date Drilling Started 5/24/2021		Date Drilling Completed 5/24/2021	
Firm: Traut Companies			M M D D Y Y Y Y 5/24/2021		M M D D Y Y Y Y 5/24/2021	
WI Unique Well No.		DNR Well ID No.	Common Well Name JMW-18A		Final Static Water Level 850.06 Feet MSL	
					Surface Elevation 865.89 Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane 350446.40169 N, 533490.01043 E S/C/N		Local Grid Location		
NE 1/4 of SW 1/4 of Section 15, T 29 N, R 19 W		Lat _____		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID 656026800		County St. Croix		DNR County Code 15		City Hudson

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Soil Properties					ROD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			10	Brown, medium to coarse sand, pebbles and occasional cobbles.										
			20	No recovery, very soft & granite rocks plugging equipment										
			30											
			40	Medium coarse sand										
			45	No recovery										
			50	Medium coarse sand with pebbles and clay interbeds										
			60	Fine medium sand										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

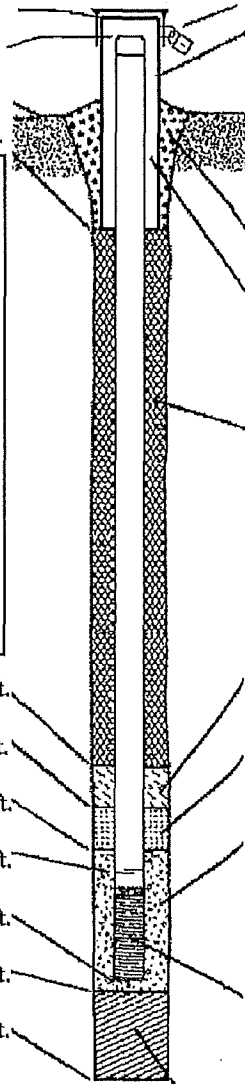
Kristen Lee

Firm



Facility/Project Name Junker Landfill	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name JMW-18B
Facility License, Permit or Monitoring No. 1972	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID 656026800	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed 5/20/2021 m m d d y y v v v v
Type of Well Well Code 12.1.pz	Section Location of Waste/Source NE 1/4 of SW 1/4 of Sec. 15, T. 29 N, R. 19 E W	Well Installed By: Name (first, last) and Firm Dan Pflipsen Trout Companies
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input checked="" type="checkbox"/> Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____

A. Protective pipe, top elevation	<u>865.96</u> ft. MSL	1. Cap and lock?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation	<u>865.54</u> ft. MSL	2. Protective cover pipe:	
C. Land surface elevation	<u>865.96</u> ft. MSL	a. Inside diameter:	<u>8</u> in.
D. Surface seal, bottom	_____ ft. MSL or _____ ft.	b. Length:	<u>74</u> ft.
		c. Material:	Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen:		d. Additional protection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		3. Surface seal:	Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
13. Sieve analysis performed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4. Material between well casing and protective pipe:	Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/>
14. Drilling method used:	Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 <u>Sonic</u> Other <input checked="" type="checkbox"/>	5. Annular space seal:	a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. <u>16.73</u> ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99		6. Bentonite seal:	a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____		7. Fine sand material: Manufacturer, product name & mesh size	a. _____ b. Volume added _____ ft ³
17. Source of water (attach analysis, if required): <u>City of Hudson</u>		8. Filter pack material: Manufacturer, product name & mesh size	a. <u>Red Flint #40</u> b. Volume added <u>2.95</u> ft ³
E. Bentonite seal, top	<u>865.96</u> ft. MSL or <u>0</u> ft.	9. Well casing:	Flush threaded PVC schedule 40 <input type="checkbox"/> 23 Flush threaded PVC schedule 80 <input checked="" type="checkbox"/> 24 Other <input type="checkbox"/>
F. Fine sand, top	_____ ft. MSL or _____ ft.	10. Screen material: <u>PVC</u>	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
G. Filter pack, top	<u>797.96</u> ft. MSL or <u>68</u> ft.	b. Manufacturer <u>Johnson</u>	c. Slot size: <u>0.01</u> in. d. Slotted length: <u>10</u> ft.
H. Screen joint, top	<u>795.96</u> ft. MSL or <u>70</u> ft.	11. Backfill material (below filter pack):	None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
I. Well bottom	<u>785.96</u> ft. MSL or <u>80</u> ft.		
J. Filter pack, bottom	<u>785.96</u> ft. MSL or <u>80</u> ft.		
K. Borehole, bottom	<u>785.96</u> ft. MSL or <u>80</u> ft.		
L. Borehole, diameter	<u>7.0</u> in.		
M. O.D. well casing	<u>2.37</u> in.		
N. I.D. well casing	<u>1.91</u> in.		



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Kristin Lu Firm Cedar Corp

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Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Junker Landfill			License/Permit/Monitoring Number 1972		Boring Number JMW-18B		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Pflipsen			Date Drilling Started 5/20/2021		Date Drilling Completed 5/20/2021		
Firm: Traut Companies			M M D D Y Y Y Y 5/20/2021		M M D D Y Y Y Y 5/20/2021		
WI Unique Well No.		DNR Well ID No.	Common Well Name JMW-18B		Final Static Water Level 850.41 Feet MSL		
					Surface Elevation 865.96 Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane 350446.42325 N, 533494.99376 E		S/C/N		Local Grid Location	
NE 1/4 of SW 1/4 of Section 15, T 29 N, R 19 W		Lat _____		Long _____		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 656026800		County St. Croix		DNR County Code 15		City Hudson	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Soil Properties					ROD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			10	Brown, medium to coarse sand, pebbles and occasional cobbles.											
			20	No recovery, very soft & granite rocks plugging equipment											
			30												
			40	Medium coarse sand											
			45	No recovery											
			50	Medium coarse sand with pebbles and clay interbeds											
			60	Fine medium sand											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Kristen Lee*

Firm 

