

October 25, 2023

Brad & Emily Hupert
880 Hillside Trail
Hudson, WI 54016

Dear Brad & Emily,

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)
7/24/23	10/4/23	-	-	0.56	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please feel free to contact me at 715-235-9081 or renee.sletten@cedarcorp.com. You may also contact the WNDR project manager Candace Sykora at 715-928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION



Renee Sletten
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 880 Hillside Trl Raw

Lab Sample ID: 500-240537-4

Date Collected: 10/04/23 09:30

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			10/11/23 15:05	1
Benzene	<0.15		0.50	0.15	ug/L			10/11/23 15:05	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:05	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/11/23 15:05	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/11/23 15:05	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/11/23 15:05	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/11/23 15:05	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/11/23 15:05	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/11/23 15:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/11/23 15:05	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
Chloroethane	<0.51	^c	5.0	0.51	ug/L			10/11/23 15:05	1
Chloroform	<0.37		2.0	0.37	ug/L			10/11/23 15:05	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/11/23 15:05	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/11/23 15:05	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/11/23 15:05	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/11/23 15:05	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/11/23 15:05	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/11/23 15:05	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/11/23 15:05	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/11/23 15:05	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/11/23 15:05	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:05	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:05	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/11/23 15:05	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/11/23 15:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/11/23 15:05	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/11/23 15:05	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/11/23 15:05	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/11/23 15:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/11/23 15:05	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/11/23 15:05	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
Isopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/11/23 15:05	1
4-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/11/23 15:05	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/11/23 15:05	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/11/23 15:05	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/11/23 15:05	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:05	1
Styrene	<0.39		1.0	0.39	ug/L			10/11/23 15:05	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:05	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/11/23 15:05	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/11/23 15:05	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/11/23 15:05	1

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Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 880 Hillside Trl Raw

Lab Sample ID: 500-240537-4

Date Collected: 10/04/23 09:30

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/11/23 15:05	1
Toluene	<0.15		0.50	0.15	ug/L			10/11/23 15:05	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/11/23 15:05	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/11/23 15:05	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/11/23 15:05	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/11/23 15:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/11/23 15:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/11/23 15:05	1
Trichloroethene	0.56		0.50	0.16	ug/L			10/11/23 15:05	1
Trichlorofluoromethane	<0.43	^c	1.0	0.43	ug/L			10/11/23 15:05	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/11/23 15:05	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:05	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/11/23 15:05	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/11/23 15:05	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/11/23 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124		10/11/23 15:05	1
Dibromofluoromethane (Surr)	96		75 - 120		10/11/23 15:05	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		10/11/23 15:05	1
Toluene-d8 (Surr)	95		75 - 120		10/11/23 15:05	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF Residentials

Job ID: 500-240537-1

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.

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

October 25, 2023

Tony Dabruzzi
954 Bakken Road
Hudson, WI 54016

Dear Tony,

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) contains no compounds that exceed the State of Wisconsin safe drinking water standards.

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)
9/27/23	10/25/23	-	-	1.5	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please feel free to contact me at 715-235-9081 or renee.sletten@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at 715-928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION



Renee Sletten
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 954 Bakken Rd Raw

Lab Sample ID: 500-240537-2

Date Collected: 10/04/23 09:15

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			10/11/23 14:17	1
Benzene	<0.15		0.50	0.15	ug/L			10/11/23 14:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/11/23 14:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/11/23 14:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/11/23 14:17	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/11/23 14:17	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/11/23 14:17	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/11/23 14:17	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/11/23 14:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/11/23 14:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
Chloroethane	<0.51	^c	5.0	0.51	ug/L			10/11/23 14:17	1
Chloroform	<0.37		2.0	0.37	ug/L			10/11/23 14:17	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/11/23 14:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/11/23 14:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/11/23 14:17	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/11/23 14:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/11/23 14:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/11/23 14:17	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/11/23 14:17	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/11/23 14:17	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/11/23 14:17	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/11/23 14:17	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/11/23 14:17	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/11/23 14:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/11/23 14:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/11/23 14:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/11/23 14:17	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/11/23 14:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/11/23 14:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/11/23 14:17	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/11/23 14:17	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
Isopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/11/23 14:17	1
4-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/11/23 14:17	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/11/23 14:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/11/23 14:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/11/23 14:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 14:17	1
Styrene	<0.39		1.0	0.39	ug/L			10/11/23 14:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 14:17	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/11/23 14:17	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/11/23 14:17	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/11/23 14:17	1

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Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 954 Bakken Rd Raw

Lab Sample ID: 500-240537-2

Date Collected: 10/04/23 09:15

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/11/23 14:17	1
Toluene	<0.15		0.50	0.15	ug/L			10/11/23 14:17	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/11/23 14:17	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/11/23 14:17	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/11/23 14:17	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/11/23 14:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/11/23 14:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/11/23 14:17	1
Trichloroethene	1.5		0.50	0.16	ug/L			10/11/23 14:17	1
Trichlorofluoromethane	<0.43	^c	1.0	0.43	ug/L			10/11/23 14:17	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/11/23 14:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/11/23 14:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/11/23 14:17	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/11/23 14:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/11/23 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		10/11/23 14:17	1
Dibromofluoromethane (Surr)	96		75 - 120		10/11/23 14:17	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/11/23 14:17	1
Toluene-d8 (Surr)	95		75 - 120		10/11/23 14:17	1

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 954 Bakken Rd DW

Lab Sample ID: 500-240537-3

Date Collected: 10/04/23 09:20

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.2	J	10	1.7	ug/L			10/11/23 14:41	1
Benzene	<0.15		0.50	0.15	ug/L			10/11/23 14:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/11/23 14:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/11/23 14:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/11/23 14:41	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/11/23 14:41	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/11/23 14:41	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/11/23 14:41	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/11/23 14:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/11/23 14:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
Chloroethane	<0.51	^c	5.0	0.51	ug/L			10/11/23 14:41	1
Chloroform	<0.37		2.0	0.37	ug/L			10/11/23 14:41	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/11/23 14:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/11/23 14:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/11/23 14:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/11/23 14:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/11/23 14:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/11/23 14:41	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/11/23 14:41	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/11/23 14:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/11/23 14:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/11/23 14:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/11/23 14:41	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/11/23 14:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/11/23 14:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/11/23 14:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/11/23 14:41	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/11/23 14:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/11/23 14:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/11/23 14:41	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/11/23 14:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
Isopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/11/23 14:41	1
4-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/11/23 14:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/11/23 14:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/11/23 14:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/11/23 14:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 14:41	1
Styrene	<0.39		1.0	0.39	ug/L			10/11/23 14:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 14:41	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/11/23 14:41	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/11/23 14:41	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/11/23 14:41	1

Eurofins Chicago

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 954 Bakken Rd DW

Lab Sample ID: 500-240537-3

Date Collected: 10/04/23 09:20

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/11/23 14:41	1
Toluene	<0.15		0.50	0.15	ug/L			10/11/23 14:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/11/23 14:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/11/23 14:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/11/23 14:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/11/23 14:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/11/23 14:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/11/23 14:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/11/23 14:41	1
Trichlorofluoromethane	<0.43	^c	1.0	0.43	ug/L			10/11/23 14:41	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/11/23 14:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/11/23 14:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/11/23 14:41	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/11/23 14:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/11/23 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		72 - 124		10/11/23 14:41	1
Dibromofluoromethane (Surr)	95		75 - 120		10/11/23 14:41	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/11/23 14:41	1
Toluene-d8 (Surr)	95		75 - 120		10/11/23 14:41	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF Residentials

Job ID: 500-240537-1

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.

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

October 25, 2023

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 1.0 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)
9/13/23	10/4/23	2,582,440	76,770	1.0	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please feel free to contact me at 715-235-9081 or renee.sletten@cedarcorp.com. You may also contact the WNDR project manager Candace Sykora at 715-928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION



Renee Sletten
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 877 Kingsway Rd Raw

Lab Sample ID: 500-240537-1

Date Collected: 10/04/23 09:00

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	J	10	1.7	ug/L			10/11/23 13:53	1
Benzene	<0.15		0.50	0.15	ug/L			10/11/23 13:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/11/23 13:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/11/23 13:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/11/23 13:53	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/11/23 13:53	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/11/23 13:53	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/11/23 13:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/11/23 13:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/11/23 13:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
Chloroethane	<0.51	^c	5.0	0.51	ug/L			10/11/23 13:53	1
Chloroform	<0.37		2.0	0.37	ug/L			10/11/23 13:53	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/11/23 13:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/11/23 13:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/11/23 13:53	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/11/23 13:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/11/23 13:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/11/23 13:53	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/11/23 13:53	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/11/23 13:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/11/23 13:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/11/23 13:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/11/23 13:53	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/11/23 13:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/11/23 13:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/11/23 13:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/11/23 13:53	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/11/23 13:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/11/23 13:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/11/23 13:53	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/11/23 13:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
Isopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/11/23 13:53	1
4-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/11/23 13:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/11/23 13:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/11/23 13:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/11/23 13:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 13:53	1
Styrene	<0.39		1.0	0.39	ug/L			10/11/23 13:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 13:53	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/11/23 13:53	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/11/23 13:53	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/11/23 13:53	1

Eurofins Chicago

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 877 Kingsway Rd Raw

Lab Sample ID: 500-240537-1

Date Collected: 10/04/23 09:00

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/11/23 13:53	1
Toluene	<0.15		0.50	0.15	ug/L			10/11/23 13:53	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/11/23 13:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/11/23 13:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/11/23 13:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/11/23 13:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/11/23 13:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/11/23 13:53	1
Trichloroethene	1.0		0.50	0.16	ug/L			10/11/23 13:53	1
Trichlorofluoromethane	<0.43	^c	1.0	0.43	ug/L			10/11/23 13:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/11/23 13:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/11/23 13:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/11/23 13:53	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/11/23 13:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/11/23 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		10/11/23 13:53	1
Dibromofluoromethane (Surr)	94		75 - 120		10/11/23 13:53	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/11/23 13:53	1
Toluene-d8 (Surr)	96		75 - 120		10/11/23 13:53	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF Residentials

Job ID: 500-240537-1

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.

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

October 25, 2023

Doug & Barbara Brozek
966 Florence Lane
Hudson, WI 54016

Dear Doug & Barbara,

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 complete analysis, the raw water does not contain any compounds that exceed the State of Wisconsin safe drinking water standards. The filtered drinking water (DW) contains no compounds that exceed the State of Wisconsin safe drinking water standards.

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)
9/27/23	10/4/23	-	-	ND	ND	ND	ND	ND	ND

Please keep this letter and the enclosed analytical results for your records. For any questions you may have, please feel free to contact me at 715-235-9081 or renee.sletten@cedarcorp.com. You may also contact the WDNR project manager Candace Sykora at 715-928-0452 or candace.sykora@wisconsin.gov.

Sincerely,

CEDAR CORPORATION



Renee Sletten
Environmental Specialist

Enclosure

cc: Candace Sykora, WDNR

Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 966 Florence Ln Raw

Lab Sample ID: 500-240537-5

Date Collected: 10/04/23 09:45

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			10/11/23 15:30	1
Benzene	<0.15		0.50	0.15	ug/L			10/11/23 15:30	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:30	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/11/23 15:30	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/11/23 15:30	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/11/23 15:30	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/11/23 15:30	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/11/23 15:30	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/11/23 15:30	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/11/23 15:30	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
Chloroethane	<0.51	^c	5.0	0.51	ug/L			10/11/23 15:30	1
Chloroform	<0.37		2.0	0.37	ug/L			10/11/23 15:30	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/11/23 15:30	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/11/23 15:30	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/11/23 15:30	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/11/23 15:30	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/11/23 15:30	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/11/23 15:30	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/11/23 15:30	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/11/23 15:30	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/11/23 15:30	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:30	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:30	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/11/23 15:30	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/11/23 15:30	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/11/23 15:30	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/11/23 15:30	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/11/23 15:30	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/11/23 15:30	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/11/23 15:30	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/11/23 15:30	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
Isopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/11/23 15:30	1
4-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/11/23 15:30	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/11/23 15:30	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/11/23 15:30	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/11/23 15:30	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:30	1
Styrene	<0.39		1.0	0.39	ug/L			10/11/23 15:30	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:30	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/11/23 15:30	1
1,1,1,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/11/23 15:30	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/11/23 15:30	1

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Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 966 Florence Ln Raw

Lab Sample ID: 500-240537-5

Date Collected: 10/04/23 09:45

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/11/23 15:30	1
Toluene	<0.15		0.50	0.15	ug/L			10/11/23 15:30	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/11/23 15:30	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/11/23 15:30	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/11/23 15:30	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/11/23 15:30	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/11/23 15:30	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/11/23 15:30	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/11/23 15:30	1
Trichlorofluoromethane	<0.43	^c	1.0	0.43	ug/L			10/11/23 15:30	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/11/23 15:30	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:30	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/11/23 15:30	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/11/23 15:30	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/11/23 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		10/11/23 15:30	1
Dibromofluoromethane (Surr)	94		75 - 120		10/11/23 15:30	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		10/11/23 15:30	1
Toluene-d8 (Surr)	96		75 - 120		10/11/23 15:30	1

Client Sample Results

Client: Cedar Corporation
Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 966 Florence Ln DW

Lab Sample ID: 500-240537-6

Date Collected: 10/04/23 09:50

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1.7		10	1.7	ug/L			10/11/23 15:54	1
Benzene	<0.15		0.50	0.15	ug/L			10/11/23 15:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/11/23 15:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/11/23 15:54	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/11/23 15:54	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/11/23 15:54	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/11/23 15:54	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/11/23 15:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/11/23 15:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
Chloroethane	<0.51	^c	5.0	0.51	ug/L			10/11/23 15:54	1
Chloroform	<0.37		2.0	0.37	ug/L			10/11/23 15:54	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/11/23 15:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/11/23 15:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/11/23 15:54	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/11/23 15:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/11/23 15:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/11/23 15:54	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/11/23 15:54	1
1,2-Dibromoethane (EDB)	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/11/23 15:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/11/23 15:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:54	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/11/23 15:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/11/23 15:54	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/11/23 15:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/11/23 15:54	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/11/23 15:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/11/23 15:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/11/23 15:54	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/11/23 15:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
Isopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/11/23 15:54	1
4-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/11/23 15:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/11/23 15:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/11/23 15:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/11/23 15:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:54	1
Styrene	<0.39		1.0	0.39	ug/L			10/11/23 15:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/11/23 15:54	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/11/23 15:54	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/11/23 15:54	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/11/23 15:54	1

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Client Sample Results

Client: Cedar Corporation
 Project/Site: Junker LF Residentials

Job ID: 500-240537-1

Client Sample ID: 966 Florence Ln DW

Lab Sample ID: 500-240537-6

Date Collected: 10/04/23 09:50

Matrix: Water

Date Received: 10/05/23 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/11/23 15:54	1
Toluene	<0.15		0.50	0.15	ug/L			10/11/23 15:54	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/11/23 15:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/11/23 15:54	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/11/23 15:54	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/11/23 15:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/11/23 15:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/11/23 15:54	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/11/23 15:54	1
Trichlorofluoromethane	<0.43	^c	1.0	0.43	ug/L			10/11/23 15:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/11/23 15:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/11/23 15:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/11/23 15:54	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/11/23 15:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/11/23 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		72 - 124					10/11/23 15:54	1
Dibromofluoromethane (Surr)	95		75 - 120					10/11/23 15:54	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126					10/11/23 15:54	1
Toluene-d8 (Surr)	95		75 - 120					10/11/23 15:54	1

Definitions/Glossary

Client: Cedar Corporation
Project/Site: Junker LF Residentials

Job ID: 500-240537-1

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.

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