

## Stoltz, Carrie R - DNR

---

**From:** Anna Beckman <anna.beckman@cedarcorp.com>  
**Sent:** Friday, May 19, 2023 3:40 PM  
**To:** Stoltz, Carrie R - DNR  
**Cc:** Mitch Evenson  
**Subject:** RE: Perry's Corners MW results from 2020  
**Attachments:** J233345-1 UDS Level 2 Report Final Report.pdf

**CAUTION: This email originated from outside the organization.  
Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Good afternoon Carrie,

Attached is the analytical report for samples collected from the Olson Corners site on May 3, 2023. Please note that there is now an Enforcement Standard exceedance for 1,2-DCA in the Webster Well (the former Witkowski residence). Does the site meet any qualifications for any types of funding with the ES exceedance?

Thank you,

### **Anna Beckman, P.G.**

Professional Geologist

**Cedar Corporation**

604 Wilson Avenue | Menomonie | WI | 54751

Office: 715-235-9081 | TF: 800-472-7372

[anna.beckman@cedarcorp.com](mailto:anna.beckman@cedarcorp.com)

[www.cedarcorp.com](http://www.cedarcorp.com) | [LinkedIn](#) | [Facebook](#) | [Twitter](#)

This e-mail and any attachments may contain proprietary and confidential information from Cedar Corporation. Please visit our website at <http://www.cedarcorp.com/disclaimer> for more details.

This email is covered by the Electronic Communications Privacy Act, 18 USC Sections 2510-2521. This email, and any attachments, may contain **confidential, private and/or privileged** material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive for the recipient), please contact the sender by reply mail and delete all copies of this message and any attachments.

---

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

Attn: Mitch Evenson  
Cedar Corporation  
604 Wilson Avenue  
Menomonie, Wisconsin 54751

Generated 5/18/2023 1:13:36 PM

**JOB DESCRIPTION**

Olson Corners

**JOB NUMBER**

500-233345-1

# Eurofins Chicago

## Job Notes

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

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

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

## Authorization



Generated  
5/18/2023 1:13:36 PM

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Method Summary . . . . .	6
Sample Summary . . . . .	7
Client Sample Results . . . . .	8
Definitions . . . . .	12
QC Association . . . . .	13
Surrogate Summary . . . . .	14
QC Sample Results . . . . .	16
Chronicle . . . . .	20
Certification Summary . . . . .	21
Chain of Custody . . . . .	22
Receipt Checklists . . . . .	25

# Case Narrative

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

---

**Job ID: 500-233345-1**

---

**Laboratory: Eurofins Chicago**

---

**Narrative**

**Job Narrative  
500-233345-1**

**Receipt**

The samples were received on 5/5/2023 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.8° C.

**GC/MS VOA**

Method 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2P (500-233345-2) and MW-4P (500-233345-3). Elevated reporting limits (RLs) are provided.

Method 8260B: The following samples were diluted due to the nature of the sample matrix: MW-2P (500-233345-2) and MW-4P (500-233345-3). Elevated reporting limits (RLs) are provided.

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: Olson Corners

Job ID: 500-233345-1

## Client Sample ID: Webster Well

Lab Sample ID: 500-233345-1

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.6		0.50	0.20	ug/L	1		524.2	Total/NA
1,2-Dichloroethane	8.4		0.50	0.20	ug/L	1		524.2	Total/NA
Isopropyl ether	0.71		0.50	0.50	ug/L	1		524.2	Total/NA
Methyl tert-butyl ether	2.1		0.50	0.40	ug/L	1		524.2	Total/NA

## Client Sample ID: MW-2P

Lab Sample ID: 500-233345-2

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	760		10	3.7	ug/L	20		8260B	Total/NA
Naphthalene	120		20	6.7	ug/L	20		8260B	Total/NA
Toluene	330		10	3.0	ug/L	20		8260B	Total/NA
1,2,4-Trimethylbenzene	340		20	7.2	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	88		20	5.1	ug/L	20		8260B	Total/NA
Xylenes, Total	910		20	4.4	ug/L	20		8260B	Total/NA
Benzene - DL	8600		25	7.3	ug/L	50		8260B	Total/NA

## Client Sample ID: MW-4P

Lab Sample ID: 500-233345-3

Analyte	Result	Qualifier	LOQ	DL	Unit	Dil Fac	D	Method	Prep Type
Benzene	440		2.5	0.73	ug/L	5		8260B	Total/NA
Naphthalene	110		5.0	1.7	ug/L	5		8260B	Total/NA
Toluene	56		2.5	0.76	ug/L	5		8260B	Total/NA
1,2,4-Trimethylbenzene	53		5.0	1.8	ug/L	5		8260B	Total/NA
1,3,5-Trimethylbenzene	30		5.0	1.3	ug/L	5		8260B	Total/NA
Xylenes, Total	410		5.0	1.1	ug/L	5		8260B	Total/NA
Ethylbenzene - DL	1300		25	9.2	ug/L	50		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

# Method Summary

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

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

**Protocol References:**

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.  
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777  
EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

---

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-233345-1	Webster Well	Drinking Water	05/03/23 11:10	05/05/23 09:50
500-233345-2	MW-2P	Ground Water	05/03/23 11:30	05/05/23 09:50
500-233345-3	MW-4P	Ground Water	05/03/23 11:40	05/05/23 09:50

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# Client Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

**Client Sample ID: Webster Well**

**Lab Sample ID: 500-233345-1**

Date Collected: 05/03/23 11:10

Matrix: Drinking Water

Date Received: 05/05/23 09:50

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>1.6</b>		0.50	0.20	ug/L			05/10/23 10:45	1
Bromobenzene	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
Bromochloromethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
Bromoform	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Bromomethane	<0.40		0.50	0.40	ug/L			05/10/23 10:45	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Chloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Chloroform	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Chloromethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
2-Chlorotoluene	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
4-Chlorotoluene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
cis-1,3-Dichloropropene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Dibromochloromethane	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			05/10/23 10:45	1
1,2-Dibromoethane (EDB)	<0.20		0.20	0.20	ug/L			05/10/23 10:45	1
Dibromomethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,3-Dichlorobenzene	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Dichlorodifluoromethane	<0.30		0.50	0.30	ug/L			05/10/23 10:45	1
1,1-Dichloroethane	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
<b>1,2-Dichloroethane</b>	<b>8.4</b>		0.50	0.20	ug/L			05/10/23 10:45	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			05/10/23 10:45	1
1,3-Dichloropropane	<0.10		0.50	0.10	ug/L			05/10/23 10:45	1
2,2-Dichloropropane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,1-Dichloropropene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Hexachlorobutadiene	<0.20		0.25	0.20	ug/L			05/10/23 10:45	1
Isopropylbenzene	<0.20		0.25	0.20	ug/L			05/10/23 10:45	1
<b>Isopropyl ether</b>	<b>0.71</b>		0.50	0.50	ug/L			05/10/23 10:45	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			05/10/23 10:45	1
<b>Methyl tert-butyl ether</b>	<b>2.1</b>		0.50	0.40	ug/L			05/10/23 10:45	1
Naphthalene	<0.30		0.50	0.30	ug/L			05/10/23 10:45	1
n-Butylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
N-Propylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
p-Isopropyltoluene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
sec-Butylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Styrene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
tert-Butylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,1,1,2-Tetrachloroethane	<0.30		0.50	0.30	ug/L			05/10/23 10:45	1
1,1,2,2-Tetrachloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Toluene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
trans-1,3-Dichloropropene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1

Eurofins Chicago

# Client Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

**Client Sample ID: Webster Well**

**Lab Sample ID: 500-233345-1**

**Date Collected: 05/03/23 11:10**

**Matrix: Drinking Water**

**Date Received: 05/05/23 09:50**

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Trichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Trichlorofluoromethane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,2,3-Trichloropropane	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,2,4-Trimethylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
1,3,5-Trimethylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:45	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			05/10/23 10:45	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			05/10/23 10:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	93		70 - 130		05/10/23 10:45	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		05/10/23 10:45	1
4-Bromofluorobenzene (Surr)	93		70 - 130		05/10/23 10:45	1
Toluene-d8 (Surr)	98		70 - 130		05/10/23 10:45	1

# Client Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

**Client Sample ID: MW-2P**

**Lab Sample ID: 500-233345-2**

Date Collected: 05/03/23 11:30

Matrix: Ground Water

Date Received: 05/05/23 09:50

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Ethylbenzene</b>	<b>760</b>		10	3.7	ug/L			05/17/23 16:57	20
Methyl tert-butyl ether	<7.9		20	7.9	ug/L			05/17/23 16:57	20
<b>Naphthalene</b>	<b>120</b>		20	6.7	ug/L			05/17/23 16:57	20
<b>Toluene</b>	<b>330</b>		10	3.0	ug/L			05/17/23 16:57	20
<b>1,2,4-Trimethylbenzene</b>	<b>340</b>		20	7.2	ug/L			05/17/23 16:57	20
<b>1,3,5-Trimethylbenzene</b>	<b>88</b>		20	5.1	ug/L			05/17/23 16:57	20
<b>Xylenes, Total</b>	<b>910</b>		20	4.4	ug/L			05/17/23 16:57	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		72 - 124		05/17/23 16:57	20
Dibromofluoromethane (Surr)	94		75 - 120		05/17/23 16:57	20
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		05/17/23 16:57	20
Toluene-d8 (Surr)	92		75 - 120		05/17/23 16:57	20

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>8600</b>		25	7.3	ug/L			05/14/23 15:14	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		72 - 124		05/14/23 15:14	50
Dibromofluoromethane (Surr)	98		75 - 120		05/14/23 15:14	50
1,2-Dichloroethane-d4 (Surr)	87		75 - 126		05/14/23 15:14	50
Toluene-d8 (Surr)	96		75 - 120		05/14/23 15:14	50

# Client Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

**Client Sample ID: MW-4P**  
Date Collected: 05/03/23 11:40  
Date Received: 05/05/23 09:50

**Lab Sample ID: 500-233345-3**  
Matrix: Ground Water

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>440</b>		2.5	0.73	ug/L			05/14/23 16:03	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			05/14/23 16:03	5
<b>Naphthalene</b>	<b>110</b>		5.0	1.7	ug/L			05/14/23 16:03	5
<b>Toluene</b>	<b>56</b>		2.5	0.76	ug/L			05/14/23 16:03	5
<b>1,2,4-Trimethylbenzene</b>	<b>53</b>		5.0	1.8	ug/L			05/14/23 16:03	5
<b>1,3,5-Trimethylbenzene</b>	<b>30</b>		5.0	1.3	ug/L			05/14/23 16:03	5
<b>Xylenes, Total</b>	<b>410</b>		5.0	1.1	ug/L			05/14/23 16:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124		05/14/23 16:03	5
Dibromofluoromethane (Surr)	97		75 - 120		05/14/23 16:03	5
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		05/14/23 16:03	5
Toluene-d8 (Surr)	95		75 - 120		05/14/23 16:03	5

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

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Ethylbenzene</b>	<b>1300</b>		25	9.2	ug/L			05/14/23 16:27	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124		05/14/23 16:27	50
Dibromofluoromethane (Surr)	98		75 - 120		05/14/23 16:27	50
1,2-Dichloroethane-d4 (Surr)	90		75 - 126		05/14/23 16:27	50
Toluene-d8 (Surr)	95		75 - 120		05/14/23 16:27	50

# Definitions/Glossary

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

## 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: Olson Corners

Job ID: 500-233345-1

## GC/MS VOA

### Analysis Batch: 58451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233345-1	Webster Well	Total/NA	Drinking Water	524.2	
MB 810-58451/5	Method Blank	Total/NA	Water	524.2	

### Analysis Batch: 713147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233345-2 - DL	MW-2P	Total/NA	Ground Water	8260B	
500-233345-3	MW-4P	Total/NA	Ground Water	8260B	
500-233345-3 - DL	MW-4P	Total/NA	Ground Water	8260B	
MB 500-713147/7	Method Blank	Total/NA	Water	8260B	
LCS 500-713147/5	Lab Control Sample	Total/NA	Water	8260B	

### Analysis Batch: 713686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233345-2	MW-2P	Total/NA	Ground Water	8260B	
MB 500-713686/7	Method Blank	Total/NA	Water	8260B	
LCS 500-713686/5	Lab Control Sample	Total/NA	Water	8260B	

# Surrogate Summary

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCZ (70-130)	DCA (70-130)	BFB (70-130)	TOL (70-130)
500-233345-1	Webster Well	93	102	93	98

**Surrogate Legend**

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCZ (70-130)	DCA (70-130)	BFB (70-130)	TOL (70-130)
MB 810-58451/5	Method Blank	98	101	97	98

**Surrogate Legend**

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

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-233345-2 - DL	MW-2P	102	98	87	96
500-233345-2	MW-2P	110	94	98	92
500-233345-3	MW-4P	103	97	91	95
500-233345-3 - DL	MW-4P	106	98	90	95

**Surrogate Legend**

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
LCS 500-713147/5	Lab Control Sample	102	95	88	97
LCS 500-713686/5	Lab Control Sample	108	98	97	92
MB 500-713147/7	Method Blank	105	101	92	95
MB 500-713686/7	Method Blank	109	95	99	92

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)

Eurofins Chicago

# Surrogate Summary

Client: Cedar Corporation  
Project/Site: Olson Corners  
DCA = 1,2-Dichloroethane-d4 (Surr)  
TOL = Toluene-d8 (Surr)

Job ID: 500-233345-1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15



# QC Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

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

**Lab Sample ID: MB 810-58451/5**  
**Matrix: Water**  
**Analysis Batch: 58451**

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

Analyte	MB	MB	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Bromobenzene	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
Bromochloromethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
Bromoform	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Bromomethane	<0.40		0.50	0.40	ug/L			05/10/23 10:06	1
Carbon tetrachloride	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
Chlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Chloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Chloroform	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Chloromethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
2-Chlorotoluene	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
4-Chlorotoluene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
cis-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
cis-1,3-Dichloropropene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Dibromochloromethane	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			05/10/23 10:06	1
1,2-Dibromoethane (EDB)	<0.20		0.20	0.20	ug/L			05/10/23 10:06	1
Dibromomethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,2-Dichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,3-Dichlorobenzene	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
1,4-Dichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Dichlorodifluoromethane	<0.30		0.50	0.30	ug/L			05/10/23 10:06	1
1,1-Dichloroethane	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
1,2-Dichloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,1-Dichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,2-Dichloropropane	<0.20		0.25	0.20	ug/L			05/10/23 10:06	1
1,3-Dichloropropane	<0.10		0.50	0.10	ug/L			05/10/23 10:06	1
2,2-Dichloropropane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,1-Dichloropropene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Hexachlorobutadiene	<0.20		0.25	0.20	ug/L			05/10/23 10:06	1
Isopropylbenzene	<0.20		0.25	0.20	ug/L			05/10/23 10:06	1
Isopropyl ether	<0.50		0.50	0.50	ug/L			05/10/23 10:06	1
Methylene Chloride	<0.40		0.50	0.40	ug/L			05/10/23 10:06	1
Methyl tert-butyl ether	<0.40		0.50	0.40	ug/L			05/10/23 10:06	1
Naphthalene	<0.30		0.50	0.30	ug/L			05/10/23 10:06	1
n-Butylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
N-Propylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
p-Isopropyltoluene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
sec-Butylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Styrene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
tert-Butylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,1,1,2-Tetrachloroethane	<0.30		0.50	0.30	ug/L			05/10/23 10:06	1
1,1,2,2-Tetrachloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Tetrachloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Toluene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
trans-1,2-Dichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1

Eurofins Chicago

# QC Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

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

Lab Sample ID: MB 810-58451/5  
Matrix: Water  
Analysis Batch: 58451

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

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,2,3-Trichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,2,4-Trichlorobenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,1,1-Trichloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,1,2-Trichloroethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Trichloroethene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Trichlorofluoromethane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,2,3-Trichloropropane	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,2,4-Trimethylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
1,3,5-Trimethylbenzene	<0.20		0.50	0.20	ug/L			05/10/23 10:06	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			05/10/23 10:06	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			05/10/23 10:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4 (Surr)	98		70 - 130		05/10/23 10:06	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		05/10/23 10:06	1
4-Bromofluorobenzene (Surr)	97		70 - 130		05/10/23 10:06	1
Toluene-d8 (Surr)	98		70 - 130		05/10/23 10:06	1

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

Lab Sample ID: MB 500-713147/7  
Matrix: Water  
Analysis Batch: 713147

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

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/14/23 14:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/14/23 14:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/14/23 14:50	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/14/23 14:50	1
Toluene	<0.15		0.50	0.15	ug/L			05/14/23 14:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/14/23 14:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/14/23 14:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/14/23 14:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124		05/14/23 14:50	1
Dibromofluoromethane (Surr)	101		75 - 120		05/14/23 14:50	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/14/23 14:50	1
Toluene-d8 (Surr)	95		75 - 120		05/14/23 14:50	1

Lab Sample ID: LCS 500-713147/5  
Matrix: Water  
Analysis Batch: 713147

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	52.3		ug/L		105	70 - 120
Ethylbenzene	50.0	54.6		ug/L		109	70 - 123

Eurofins Chicago

# QC Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

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

**Lab Sample ID: LCS 500-713147/5**  
**Matrix: Water**  
**Analysis Batch: 713147**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	37.5		ug/L		75	55 - 123
Naphthalene	50.0	47.8		ug/L		96	53 - 144
Toluene	50.0	57.1		ug/L		114	70 - 125
1,2,4-Trimethylbenzene	50.0	55.5		ug/L		111	70 - 123
1,3,5-Trimethylbenzene	50.0	55.0		ug/L		110	70 - 123
Xylenes, Total	100	113		ug/L		113	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	88		75 - 126
Toluene-d8 (Surr)	97		75 - 120

**Lab Sample ID: MB 500-713686/7**  
**Matrix: Water**  
**Analysis Batch: 713686**

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

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/17/23 14:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/17/23 14:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/17/23 14:56	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/17/23 14:56	1
Toluene	<0.15		0.50	0.15	ug/L			05/17/23 14:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/17/23 14:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/17/23 14:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/17/23 14:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		72 - 124		05/17/23 14:56	1
Dibromofluoromethane (Surr)	95		75 - 120		05/17/23 14:56	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		05/17/23 14:56	1
Toluene-d8 (Surr)	92		75 - 120		05/17/23 14:56	1

**Lab Sample ID: LCS 500-713686/5**  
**Matrix: Water**  
**Analysis Batch: 713686**

**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	49.1		ug/L		98	70 - 120
Ethylbenzene	50.0	46.2		ug/L		92	70 - 123
Methyl tert-butyl ether	50.0	54.1		ug/L		108	55 - 123
Naphthalene	50.0	48.5		ug/L		97	53 - 144
Toluene	50.0	48.2		ug/L		96	70 - 125
1,2,4-Trimethylbenzene	50.0	49.1		ug/L		98	70 - 123
1,3,5-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
Xylenes, Total	100	94.2		ug/L		94	70 - 125

Eurofins Chicago

# QC Sample Results

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

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

Lab Sample ID: LCS 500-713686/5

Matrix: Water

Analysis Batch: 713686

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	92		75 - 120

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Lab Chronicle

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

## Client Sample ID: Webster Well

Date Collected: 05/03/23 11:10

Date Received: 05/05/23 09:50

Lab Sample ID: 500-233345-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	58451	CM	EA SB	05/10/23 10:45

## Client Sample ID: MW-2P

Date Collected: 05/03/23 11:30

Date Received: 05/05/23 09:50

Lab Sample ID: 500-233345-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B	DL	50	713147	W1T	EET CHI	05/14/23 15:14
Total/NA	Analysis	8260B		20	713686	W1T	EET CHI	05/17/23 16:57

## Client Sample ID: MW-4P

Date Collected: 05/03/23 11:40

Date Received: 05/05/23 09:50

Lab Sample ID: 500-233345-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		5	713147	W1T	EET CHI	05/14/23 16:03
Total/NA	Analysis	8260B	DL	50	713147	W1T	EET CHI	05/14/23 16:27

### Laboratory References:

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

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

# Accreditation/Certification Summary

Client: Cedar Corporation  
Project/Site: Olson Corners

Job ID: 500-233345-1

## Laboratory: Eurofins Chicago

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

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

## Laboratory: Eurofins Eaton Analytical South Bend

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999766900	08-31-23

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

# Chain of Custody Record

639246




Environment Testing America

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Regulatory Program  DW  NPDES  RCRA  Other

TAL-8210

Client Contact Company Name <b>Cedar Corp</b> Address <b>1004 Wilson Ave</b> City/State/Zip <b>Menomonie, WI 54751</b> Phone <b>715-235-9081</b> Fax _____ Project Name <b>Olson Corners</b> Site _____ P O # _____		Project Manager <b>Anna Beckman</b> Tel/Email _____ <b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact Lab Contact <b>Sandie F.</b> Date <b>5/4/23</b> Carrier <b>Fed Ex</b>		COC No _____ of _____ COCs Sampler _____ For Lab Use Only Walk-in Client _____ Lab Sampling _____ Job / SDG No <b>500-233345</b>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	 500-233345 COC	VOC's Colometric PLOCs + Nap	Sample Specific Notes					
1 2 3 Webster Well		5/3	110	G	DW	3										
mw- 2P		↓	1130	↓	GW	↓					X					
mw- 4P		↓	1140	↓	GW	↓					X					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							Possible Hazard Identification 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"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments																
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C) Obs'd <b>5.9</b> Corr'd <b>4.8</b>		Therm ID No _____										
Relinquished by <b>Anna Beckman</b>		Company <b>Cedar Corp</b>		Date/Time <b>5/4/23</b>		Received by <b>ORCO</b>		Company _____		Date/Time _____						
Relinquished by _____		Company _____		Date/Time _____		Received by _____		Company _____		Date/Time _____						
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by <b>[Signature]</b>		Company <b>ETA</b>		Date/Time <b>5/5/23 0950</b>						



ORIGIN ID: PHDA (715) 235-9081  
MATT TAYLOR  
CEDAR CORPORATION  
604 WILSON AVENUE

SHIP DATE: 22APR21  
ACTWGT: 10.00 LB MAX  
CAD: 0562071/CAFE340

MEMPHIS TN 38115  
UNITED STATES US

TO

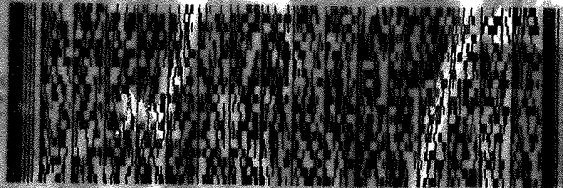
EUROFINS TESTAMERICA CHICAGO  
2417 BOND STREET

UNIVERSITY PARK IL 604843101

(708) 534-5200

REF: 5600-91164

RMA: 11111111



FedEx  
Express



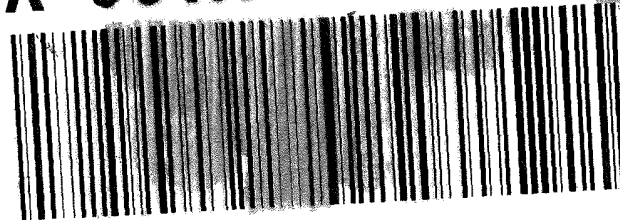
500-233345 Waybl

RETURN TO  
FRI - 05 MAY 10:30A  
PRIORITY OVERNIGHT

FedEx  
TRK#  
0221 5018 6637 4348

NX JOTA

60484  
IL-US  
ORD



543099 04May2023 EAWA 581G3/2BC3/C088

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



# Chain of Custody Record



**Client Information (Sub Contract Lab)**  
 Client Contact: Fredrick, Sandie  
 Shipping/Receiving: Sandra.Fredrick@et.eurofins.com  
 Company: Eurofins Eaton Analytical  
 Address: 110 S Hill Street, South Bend  
 State, Zip: IN, 46617  
 Phone: 574-233-4777(Tel) 574-233-8207(Fax)  
 Email:  
 Project #: 50006556  
 Site: Olson Corners

**Sampler:** Lab PM: Fredrick, Sandie  
**Phone:** E-Mail: Sandra.Fredrick@et.eurofins.com  
**Due Date Requested:** 5/18/2023  
**TAT Requested (days):**

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, D=dust, F=fiber, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2 Pres. PREC/ VOC - 524.2	X	3	Total Number of Containers
Webster Well (500-233345-1)	5/3/23	11:10 Central		Water						

**Sample Identification - Client ID (Lab ID):** 500-233345-1  
**Special Instructions/Note:**  
 Initial Temp: 34  
 Corrected Temp: 34  
 IR Gun # 75027

Analysis Requested	Preservation Codes:
	M - Hexane
	N - None
	O - AsNaO2
	P - Na2OAS
	Q - Na2SO3
	R - Na2SO4
	S - H2SO4
	T - TSP Dodecahydrate
	U - Acetone
	V - MCAA
	W - pH 4-5
	Y - Trizma
	Z - other (specify)
	Other:

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_ Primary Deliverable Rank: 2  
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months  
 Special Instructions/QC Requirements:  
 Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Method of Shipment: \_\_\_\_\_  
 Relinquished by: *Shirley Roots* Date/Time: 5/5/23 1530 Received by: *Kennan Wilkey* Date/Time: 5/6/23 1000  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Custody Seals Intact: \_\_\_\_\_ Custody Seal No.: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks:

# Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-233345-1

**Login Number: 233345**

**List Number: 1**

**Creator: Scott, Sherri L**

**List Source: Eurofins Chicago**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



# Login Sample Receipt Checklist

Client: Cedar Corporation

Job Number: 500-233345-1

**Login Number: 233345**

**List Number: 2**

**Creator: Williams, Kameron**

**List Source: Eurofins Eaton Analytical South Bend**

**List Creation: 05/06/23 11:53 AM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Initial: 3.4; Corrected: 3.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers

