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Environmental Engineering,
Management and Consulting

August 26, 2026

Ms. Becky Jolly
Iowa Department of Natural Resources
Land Quality Bureau
502 E. 9th Street
Des Moines, Iowa 50319

Dear Ms. Jolly:

Re: Fluff Quarterly Sampling Results
Alter Metal Recycling - Council Bluffs, Iowa
3rd Quarter 2026

CJF Associates, LLC (CJF) is pleased to submit this report on behalf of Alter Trading Corporation, Council Bluffs, Iowa (Alter). This report presents the quarterly fluff sampling results as identified above.

Summary

- PCBs concentration this quarter: 8.9 mg/kg;
- Ten-Sample Rolling PCBs Average: 15.43 mg/kg;
- PCBs TCLP result this quarter is non-detect; and
- All TCLP metal results are below regulatory criteria.

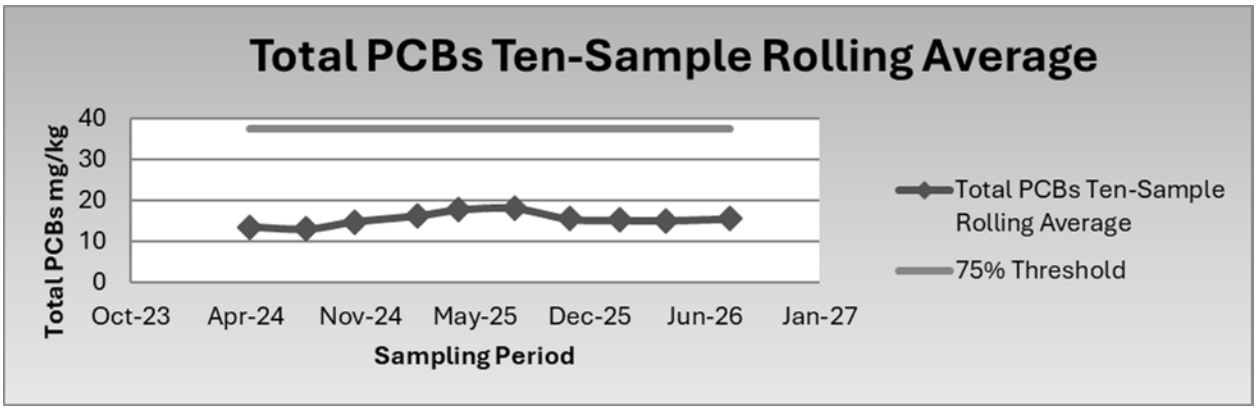
Based on the analytical results; the fluff may be landfilled in Iowa per IAC 567, Chapter 118.

Details

In order to characterize the fluff, samples were collected and analyzed from the bulk seven-day composite sample. The composite sample was collected from July 8 through July 26, 2026, in accordance with IAC 567, Chapter 118. Samples were analyzed for total Polychlorinated Biphenyls (PCBs), Toxic Characteristic Leaching Procedure (TCLP) PCBs, TCLP Resource Conservation and Recovery Act (RCRA) metals, and Ignitability.

Total PCBs results for the sampling period totaled 8.9 mg/kg. TCLP PCBs were not detected above the laboratory reporting limit. Barium, cadmium, and lead were the only RCRA metals identified above the laboratory reporting limits but below regulatory TCLP concentrations. Lead was detected at a concentration of 0.11 mg/L which does not exceed the regulatory TCLP concentration of 5.0 mg/L. The present ten-sample rolling average for PCBs is 15.43 mg/kg. Rolling averages of the ten-sampling period results for total PCBs are presented below:

August 26, 2026



Third quarter analytical results are summarized as follows:

	Analyte										
Sample ID	Total PCBs[1]	TCLP PCBs	TCLP Arsenic	TCLP Barium	TCLP Cad	TCLP Chrom	TCLP Lead	TCLP Sel	TCLP Silver	TCLP Mercury	Ignitability[2]
ZCSF-081026-001	8.9	ND	ND	0.83	0.24	ND	0.11	ND	ND	0.00014	>201

Notes: All TCLP results are reported in mg/L ND = Not Detected Above Laboratory Detection Limits
(1) Results reported in mg/kg NA = Not Analyzed
(2) Results reported in degrees Fahrenheit

Laboratory analytical results and chain of custody forms are presented in Attachment A.

If you have any questions, please contact Frank W. Ring at (313) 999-4071.

Sincerely,
CJF Associates, LLC

Frank W. Ring, P.E.

Encl.
CC: Ryan Carpenter, Alter
Ryan Mitchell, Iowa Waste Systems Inc.

ATTACHMENT A

LABORATORY ANALYTICAL RESULTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Charles Ring
CJF Associates, LLC
PO BOX 80815
St. Claire Shores, Michigan 48080

Generated 8/21/2026 7:40:14 AM

JOB DESCRIPTION

Council Bluffs, 1216-01

JOB NUMBER

240-258077-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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 Environment Testing North Central, LLC Project Manager.

Authorization

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8/21/2026 7:40:14 AM

Authorized for release by
Denise Heckler, Project Manager II
Denise.Heckler@et.eurofinsus.com
(330)966-9477

Table of Contents

Definitions/Glossary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
240-258077-1

Receipt
The samples were received on 8/11/2026 9:45 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 time was 2.8°C.

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

Metals
Method 6020B - TCLP: Insufficient sample was provided to perform the leaching procedure with the required 100g for the following sample: ZCSF-081026-001 (240-258077-1). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Method 6020B - TCLP: The following sample was diluted due to the nature of the sample matrix: ZCSF-081026-001 (240-258077-1). Elevated reporting limits (RLs) are provided.

Method 7470A - TCLP: Insufficient sample was provided to perform the leaching procedure with the required 100g for the following sample: ZCSF-081026-001 (240-258077-1). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

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

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

Method Summary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6020B	Metals (ICP/MS)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
D92	Flashpoint	ASTM	EET CF
Moisture	Percent Moisture	EPA	EET CLE
1311	TCLP Extraction	SW846	EET CF
1311	TCLP Extraction	SW846	EET CLE
3010A	Preparation, Total Metals	SW846	EET CLE
3511	Microextraction of Organic Compounds	SW846	EET CF
3546	Microwave Extraction	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-258077-1	ZCSF-081026-001	Solid	08/10/26 11:30	08/11/26 09:45	Iowa

Detection Summary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Client Sample ID: ZCSF-081026-001 — Lab Sample ID: 240-258077-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	7.6		0.62	0.24	mg/Kg	10	☼	8082A	Total/NA
Aroclor-1254	1.3		0.62	0.26	mg/Kg	10	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	8.9		0.62	0.37	mg/Kg	10	☼	8082A	Total/NA
Barium	0.83	J B	2.5	0.0039	mg/L	5		6020B	TCLP
Cadmium	0.24	J	0.25	0.00039	mg/L	5		6020B	TCLP
Lead	0.11	J	0.25	0.0023	mg/L	5		6020B	TCLP
Flashpoint	>201		65.0	65.0	Degrees F	1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Client Sample ID: ZCSF-081026-001

Date Collected: 08/10/26 11:30
Date Received: 08/11/26 09:45

Lab Sample ID: 240-258077-1

Matrix: Solid

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1221	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1232	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1242	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1248	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1254	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1260	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:42	1
PCB-1268	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:42	1
Polychlorinated biphenyls, Total	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*47*		*10 - 150*	*08/19/26 15:00*	*08/20/26 14:42*	*1*
Tetrachloro-m-xylene	*43*		*17 - 150*	*08/19/26 15:00*	*08/20/26 14:42*	*1*

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.25	0.00027	mg/L		08/14/26 14:00	08/18/26 20:10	5
Arsenic	ND		0.25	0.0038	mg/L		08/14/26 14:00	08/18/26 20:10	5
Barium	**0.83**	**J B**	2.5	0.0039	mg/L		08/14/26 14:00	08/18/26 20:10	5
Cadmium	**0.24**	**J**	0.25	0.00039	mg/L		08/14/26 14:00	08/18/26 20:10	5
Chromium	ND		0.25	0.0060	mg/L		08/14/26 14:00	08/18/26 20:10	5
Lead	**0.11**	**J**	0.25	0.0023	mg/L		08/14/26 14:00	08/18/26 20:10	5
Selenium	ND		0.25	0.0045	mg/L		08/14/26 14:00	08/18/26 20:10	5

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		08/14/26 14:00	08/18/26 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint (ASTM D92)	**>201**		65.0	65.0	Degrees F			08/20/26 13:11	1
Percent Solids (EPA Moisture)	**79.2**		0.1	0.1	%			08/13/26 12:19	1
Percent Moisture (EPA Moisture)	**20.8**		0.1	0.1	%			08/13/26 12:19	1

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Client Sample ID: ZCSF-081026-001
Date Collected: 08/10/26 11:30
Date Received: 08/11/26 09:45

Lab Sample ID: 240-258077-1
Matrix: Solid
Percent Solids: 79.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.62	0.31	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1221	ND		0.62	0.37	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1232	ND		0.62	0.26	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1242	**7.6**		0.62	0.24	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1248	ND		0.62	0.21	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1254	**1.3**		0.62	0.26	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1260	ND		0.62	0.26	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1262	ND		0.62	0.27	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Aroclor-1268	ND		0.62	0.20	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10
Polychlorinated biphenyls, Total	**8.9**		0.62	0.37	mg/Kg	☼	08/14/26 09:42	08/19/26 15:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*45*	*p*	*17 - 121*	*08/14/26 09:42*	*08/19/26 15:32*	*10*
DCB Decachlorobiphenyl	*78*		*10 - 137*	*08/14/26 09:42*	*08/19/26 15:32*	*10*

Surrogate Summary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(17-121)	(10-137)
240-258077-1	ZCSF-081026-001	45 p	78
LCS 240-714003/2-A	Lab Control Sample	51	92
MB 240-714003/1-A	Method Blank	73	99

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
LCS 310-497930/3-A	Lab Control Sample	61	52

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
240-258077-1	ZCSF-081026-001	47	43
LB 310-497068/1-C	Method Blank	71	64
LB 310-497715/1-C	Method Blank	61	38

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: LCS 310-497930/3-A
Matrix: Solid
Analysis Batch: 497996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 497930

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			27.8	21.8		ug/L		78	25 - 150		
PCB-1260			27.8	20.3		ug/L		73	14 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*61*		*10 - 150*
Tetrachloro-m-xylene	*52*		*17 - 150*

Lab Sample ID: MB 240-714003/1-A
Matrix: Solid
Analysis Batch: 713990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.050	0.025	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1221	ND		0.050	0.030	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1232	ND		0.050	0.021	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1242	ND		0.050	0.019	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1248	ND		0.050	0.017	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1254	ND		0.050	0.021	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1260	ND		0.050	0.021	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1262	ND		0.050	0.022	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Aroclor-1268	ND		0.050	0.016	mg/Kg		08/14/26 09:42	08/14/26 13:29	1
Polychlorinated biphenyls, Total	ND		0.050	0.030	mg/Kg		08/14/26 09:42	08/14/26 13:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*17 - 121*	*08/14/26 09:42*	*08/14/26 13:29*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 137*	*08/14/26 09:42*	*08/14/26 13:29*	*1*

Lab Sample ID: LCS 240-714003/2-A
Matrix: Solid
Analysis Batch: 713990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714003

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1.00	0.510		mg/Kg		51	22 - 120		
Aroclor-1260			1.00	0.644		mg/Kg		64	29 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*51*		*17 - 121*
DCB Decachlorobiphenyl	*92*		*10 - 137*

Lab Sample ID: LB 310-497068/1-C
Matrix: Solid
Analysis Batch: 497996

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 497930

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 13:23	1
PCB-1221	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 13:23	1
PCB-1232	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 13:23	1
PCB-1242	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 13:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LB 310-497068/1-C
Matrix: Solid
Analysis Batch: 497996

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 497930

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		1.9	0.66	ug/L		08/19/26 15:00	08/20/26 13:23	1
PCB-1254	ND		1.9	0.66	ug/L		08/19/26 15:00	08/20/26 13:23	1
PCB-1260	ND		1.9	0.66	ug/L		08/19/26 15:00	08/20/26 13:23	1
PCB-1268	ND		1.9	0.66	ug/L		08/19/26 15:00	08/20/26 13:23	1
Polychlorinated biphenyls, Total	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 13:23	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*10 - 150*	*08/19/26 15:00*	*08/20/26 13:23*	*1*
Tetrachloro-m-xylene	*64*		*17 - 150*	*08/19/26 15:00*	*08/20/26 13:23*	*1*

Lab Sample ID: LB 310-497715/1-C
Matrix: Solid
Analysis Batch: 497996

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 497930

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1221	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1232	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1242	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1248	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1254	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1260	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:29	1
PCB-1268	ND		1.9	0.64	ug/L		08/19/26 15:00	08/20/26 14:29	1
Polychlorinated biphenyls, Total	ND		1.9	1.6	ug/L		08/19/26 15:00	08/20/26 14:29	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*61*		*10 - 150*	*08/19/26 15:00*	*08/20/26 14:29*	*1*
Tetrachloro-m-xylene	*38*		*17 - 150*	*08/19/26 15:00*	*08/20/26 14:29*	*1*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 240-714032/2-A
Matrix: Solid
Analysis Batch: 714406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.050	0.000053	mg/L		08/14/26 14:00	08/18/26 09:01	1
Arsenic	ND		0.050	0.00075	mg/L		08/14/26 14:00	08/18/26 09:01	1
Barium	ND		0.50	0.00077	mg/L		08/14/26 14:00	08/18/26 09:01	1
Cadmium	ND		0.050	0.000077	mg/L		08/14/26 14:00	08/18/26 09:01	1
Chromium	ND		0.050	0.0012	mg/L		08/14/26 14:00	08/18/26 09:01	1
Lead	ND		0.050	0.00045	mg/L		08/14/26 14:00	08/18/26 09:01	1
Selenium	ND	^+	0.050	0.00089	mg/L		08/14/26 14:00	08/18/26 09:01	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 240-714032/3-A
Matrix: Solid
Analysis Batch: 714406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.100	0.0915		mg/L		91	80 - 120
Arsenic	1.00	0.893		mg/L		89	80 - 120
Barium	1.00	0.925		mg/L		92	80 - 120
Cadmium	0.500	0.443		mg/L		89	80 - 120
Chromium	0.500	0.487		mg/L		97	80 - 120
Lead	0.500	0.497		mg/L		99	80 - 120
Selenium	1.00	1.12	^+	mg/L		112	80 - 120

Lab Sample ID: LB 240-713969/1-B
Matrix: Solid
Analysis Batch: 714406

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 714032

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.050	0.000053	mg/L		08/14/26 14:00	08/18/26 08:58	1
Arsenic	ND		0.050	0.00075	mg/L		08/14/26 14:00	08/18/26 08:58	1
Barium	0.00620	J	0.50	0.00077	mg/L		08/14/26 14:00	08/18/26 08:58	1
Cadmium	ND		0.050	0.000077	mg/L		08/14/26 14:00	08/18/26 08:58	1
Chromium	0.00158	J	0.050	0.0012	mg/L		08/14/26 14:00	08/18/26 08:58	1
Lead	ND		0.050	0.00045	mg/L		08/14/26 14:00	08/18/26 08:58	1
Selenium	ND	^+	0.050	0.00089	mg/L		08/14/26 14:00	08/18/26 08:58	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-714034/2-A
Matrix: Solid
Analysis Batch: 714474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 714034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		08/14/26 14:00	08/18/26 12:47	1

Lab Sample ID: LCS 240-714034/3-A
Matrix: Solid
Analysis Batch: 714474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 714034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00467		mg/L		93	80 - 120

Lab Sample ID: LB 240-713969/1-C
Matrix: Solid
Analysis Batch: 714474

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 714034

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		08/14/26 14:00	08/18/26 12:43	1

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Method: Moisture - Percent Moisture

Lab Sample ID: 240-258077-1 DU
Matrix: Solid
Analysis Batch: 713898

Client Sample ID: ZCSF-081026-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	79.2			79.7		%				0.7	20
Percent Moisture	20.8			20.3		%				3	20

GC Semi VOA

Leach Batch: 497068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-497068/1-C	Method Blank	TCLP	Solid	1311	

Leach Batch: 497715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	1311	
LB 310-497715/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 497930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	3511	497715
LB 310-497068/1-C	Method Blank	TCLP	Solid	3511	497068
LB 310-497715/1-C	Method Blank	TCLP	Solid	3511	497715
LCS 310-497930/3-A	Lab Control Sample	Total/NA	Solid	3511	

Analysis Batch: 497996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	8082A	497930
LB 310-497068/1-C	Method Blank	TCLP	Solid	8082A	497930
LB 310-497715/1-C	Method Blank	TCLP	Solid	8082A	497930
LCS 310-497930/3-A	Lab Control Sample	Total/NA	Solid	8082A	497930

Analysis Batch: 713990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-714003/1-A	Method Blank	Total/NA	Solid	8082A	714003
LCS 240-714003/2-A	Lab Control Sample	Total/NA	Solid	8082A	714003

Prep Batch: 714003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	Total/NA	Solid	3546	
MB 240-714003/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-714003/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 714533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	Total/NA	Solid	8082A	714003

Metals

Leach Batch: 713969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	1311	
LB 240-713969/1-B	Method Blank	TCLP	Solid	1311	
LB 240-713969/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 714032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	3010A	713969
LB 240-713969/1-B	Method Blank	TCLP	Solid	3010A	713969
MB 240-714032/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-714032/3-A	Lab Control Sample	Total/NA	Solid	3010A	

QC Association Summary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Metals

Prep Batch: 714034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	7470A	713969
LB 240-713969/1-C	Method Blank	TCLP	Solid	7470A	713969
MB 240-714034/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-714034/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 714406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 240-713969/1-B	Method Blank	TCLP	Solid	6020B	714032
MB 240-714032/2-A	Method Blank	Total/NA	Solid	6020B	714032
LCS 240-714032/3-A	Lab Control Sample	Total/NA	Solid	6020B	714032

Analysis Batch: 714474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	7470A	714034
LB 240-713969/1-C	Method Blank	TCLP	Solid	7470A	714034
MB 240-714034/2-A	Method Blank	Total/NA	Solid	7470A	714034
LCS 240-714034/3-A	Lab Control Sample	Total/NA	Solid	7470A	714034

Analysis Batch: 714583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	TCLP	Solid	6020B	714032

General Chemistry

Analysis Batch: 498038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	Total/NA	Solid	D92	

Analysis Batch: 713898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-258077-1	ZCSF-081026-001	Total/NA	Solid	Moisture	
240-258077-1 DU	ZCSF-081026-001	Total/NA	Solid	Moisture	

Lab Chronicle

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Client Sample ID: ZCSF-081026-001

Lab Sample ID: 240-258077-1

Date Collected: 08/10/26 11:30

Matrix: Solid

Date Received: 08/11/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			497715	U8FK	EET CF	08/17/26 16:00 - 08/18/26 08:00 [1]
TCLP	Prep	3511			497930	BW2O	EET CF	08/19/26 15:00
TCLP	Analysis	8082A		1	497996	BW2O	EET CF	08/20/26 14:42
TCLP	Leach	1311			713969	KLE	EET CLE	08/13/26 17:45 - 08/14/26 09:50 [1]
TCLP	Prep	3010A			714032	BN	EET CLE	08/14/26 14:00
TCLP	Analysis	6020B		5	714583	S4FJ	EET CLE	08/18/26 20:10
TCLP	Leach	1311			713969	KLE	EET CLE	08/13/26 17:45 - 08/14/26 09:50 [1]
TCLP	Prep	7470A			714034	BN	EET CLE	08/14/26 14:00
TCLP	Analysis	7470A		1	714474	MN7X	EET CLE	08/18/26 13:19
Total/NA	Analysis	D92		1	498038	NFT2	EET CF	08/20/26 13:11
Total/NA	Analysis	Moisture		1	713898	TAV2	EET CLE	08/13/26 12:19

Client Sample ID: ZCSF-081026-001

Lab Sample ID: 240-258077-1

Date Collected: 08/10/26 11:30

Matrix: Solid

Date Received: 08/11/26 09:45

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			714003	TP	EET CLE	08/14/26 09:42
Total/NA	Analysis	8082A		10	714533	LSH	EET CLE	08/19/26 15:32

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: CJF Associates, LLC
Project/Site: Council Bluffs, 1216-01

Job ID: 240-258077-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0859	05-05-27
Connecticut	State	PH-0806	09-30-26
Georgia	State	4062	02-27-27
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-27
Kentucky (UST)	State	112225	02-28-27
Kentucky (WW)	State	KY98016	12-31-26
Michigan	State	9135	01-10-27
Minnesota	NELAP	039-999-348	12-31-26
New Hampshire	NELAP	2250	09-30-26
New Jersey	NELAP	OH001	06-30-27
New York	NELAP	10975	04-01-27
Ohio	State	8303	02-28-27
Ohio VAP	State	ORELAP 4062	02-28-27
Oregon	NELAP	4062	02-27-27
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
US Fish & Wildlife	US Federal Programs	A26406	02-28-27
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	12-31-26
Wisconsin	State	399167560	08-31-26

Laboratory: Eurofins Cedar Falls

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-26
Georgia	State	IA100001 (OR)	09-29-26
Illinois	NELAP	200024	11-30-26
Iowa	State	007	12-01-27
Kansas	NELAP	E-10341	01-31-27
Minnesota	NELAP	019-999-319	12-31-26
Minnesota (Petrofund)	State	3349	01-18-28
North Dakota	State	R-186	09-29-26
Oregon	NELAP	IA100001	09-29-26

2.2
2.8

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Charles Ring	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No:
Client Contact: Charles Ring	Phone: 248-227-5171	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin:	Page: 1 of 1
Company: CJF Associates	PWSID:			Job #:
Address: 23210 Greater Mack Ave #174	Due Date Requested:			
City: St Clair Shores	TAT Requested (days):			
State, Zip: Michigan 48080	Compliance Project: Δ Yes Δ No			
Phone: 248-227-5171	PO #: 1216-01			
Email: cring@cjfassociates.com	WO #:			
Project Name: Alter ZC	Project #: 1216-01			
Site: Council Bluffs, Iowa	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, Other:
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

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)	Total PCBs	TCLP PCBs	TCLP RCRA Metals	Ignitability	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
ZCSF-081026-001	8/10/26	11:30AM	C	S			x	x	x	x		
ZCSF-081026-001 DUP	8/10/26	11:30AM	C	S								Hold

240-258077 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: **Sample needs Iowa Certification**

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	12:00 PM 8-10-26	CJF	[signature]	8/11/26 9:45	[illegible]
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

8/21/2026

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client WPX Site Name _____ Cooler unpacked by: NB

Cooler Received on 8/11/26 Opened on 8/11/26

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours. Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # ec Foam Box Client Cooler Box Other _____

Packing material used Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 1 (CF 10.6 °C) Observed Cooler Temp. 2.2 °C Corrected Cooler Temp. 2.8 °C

2.	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes No
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No
	-Were tamper/custody seals intact and uncompromised?	Yes No NA
3	Shippers' packing slip attached to the cooler(s)?	Yes No
4	Did custody papers accompany the sample(s)?	Yes No
5	Were the custody papers relinquished & signed in the appropriate place?	Yes No
6	Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No
7	Did all bottles arrive in good condition (Unbroken)?	Yes No
8	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No
9	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	
10	Were correct bottle(s) used for the test(s) indicated?	Yes No
11	Sufficient quantity received to perform indicated analyses?	Yes No
12.	Are these work share samples and all listed on the COC?	Yes No
	If yes, Questions 13-17 have been checked at the originating laboratory	
13	Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA pH Strip Lot# HC574455
14	Were VOAs on the COC?	Yes No
15	Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this	Yes No NA
16.	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No
17	Was a LL Hg or Me Hg trip blank present? _____	Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by:
Labels Verified by:

_____
_____
_____
_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

8/12/2026

Login Container Summary Report

240-258077

8/21/2026

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
ZCSF-081026-001	240-258077-A-1	SnapCap 1/2 ounce unpreserved				
ZCSF-081026-001	240-258077-B-1	Soil jar 4oz - clear glass				
ZCSF-081026-001	240-258077-C-1	Soil jar 4oz - clear glass				
ZCSF-081026-001	240-258077-D-1	Soil jar 4oz - clear glass				
ZCSF-081026-001	240-258077-E-1	Soil jar 4oz - clear glass				
ZCSF-081026-001	240-258077-F-1	Soil jar 4oz - clear glass				
ZCSF-081026-001 DUP	240-258077-A-2	Soil jar 4oz - clear glass				
ZCSF-081026-001 DUP	240-258077-B-2	Soil jar 4oz - clear glass				
ZCSF-081026-001 DUP	240-258077-C-2	Soil jar 4oz - clear glass				
ZCSF-081026-001 DUP	240-258077-D-2	Soil jar 4oz - clear glass				
ZCSF-081026-001 DUP	240-258077-F-2	Soil jar 4oz - clear glass				

Login Sample Receipt Checklist

Client: CJF Associates, LLC

Job Number: 240-258077-1

Login Number: 258077
List Number: 2
Creator: Schaufenbuel, Erin

List Source: Eurofins Cedar Falls
List Creation: 08/17/26 08:01 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	
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?	False	Received project as a subcontract.
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	