



Environmental Engineering,
Management and Consulting

23210 Greater Mack Ave
#174
Saint Clair Shores
Michigan 48080

(313) 999 4071

www.CJFAssociates.com

June 3, 2025

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 – Davenport, Iowa
2nd Quarter 2025

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

Summary

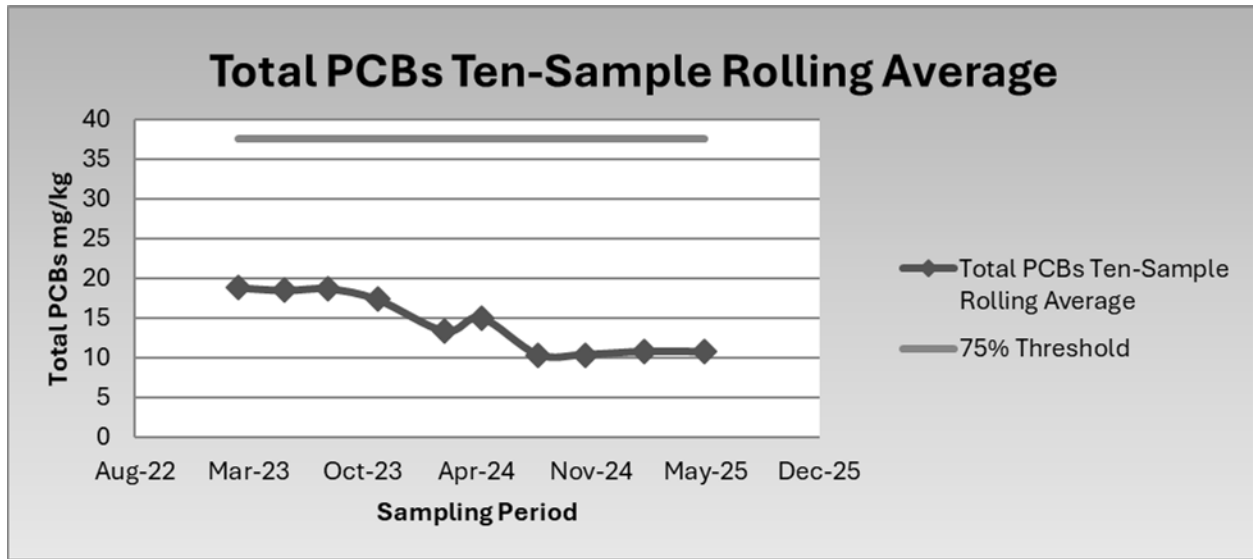
- PCB concentration this quarter: Non-Detect;
- Ten-Sample Rolling PCB Average: 10.75 mg/kg;
- PCB TCLP result this quarter is non-detect; and
- All TCLP metal results are below regulatory criteria.

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 April 1 through April 10, 2025 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 PCB results for the sampling period were not detected above the laboratory reporting limit of 1.9 mg/kg. TCLP PCBs were not detected above the laboratory reporting limit. Barium, cadmium, and lead were the only RCRA metal identified above the laboratory reporting limits but below regulatory TCLP concentrations. Lead was detected at a concentration of 0.30 mg/L which does not exceed the regulatory TCLP concentration of 5.0 mg/L. The present ten-sample rolling average for PCBs is 10.75 mg/kg. Rolling averages of the ten-sampling period results for total PCBs are presented below:



Second quarter analytical results are summarized as follows:

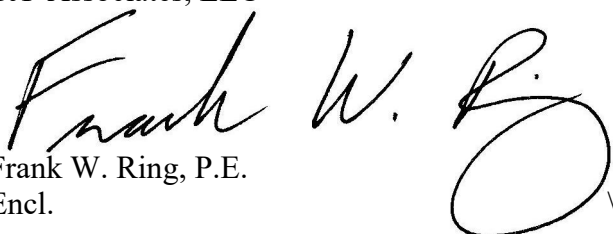
Sample ID	Analyte										Ignitability ²
	Total PCBs ¹	TCLP PCBs	TCLP Arsenic	TCLP Barium	TCLP Cad	TCLP Chrom	TCLP Lead	TCLP Sel	TCLP Silver	TCLP Mercury	
ZDSF-052225-003	ND	ND	ND	0.83	0.16	ND	0.30	ND	ND	ND	>201

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: Patrick Kohlmeier, Alter
 Brian Seals, Waste Commission of Scott County
 Casey Reitz, Waste Commission of Scott County

ATTACHMENT A

LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/2/2025 3:21:31 PM

JOB DESCRIPTION

Alter - Davenport, 1217-01

JOB NUMBER

240-225145-1

Eurofins Cleveland

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



Generated
6/2/2025 3:21:31 PM

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Method Summary	6
Sample Summary	7
Detection Summary	8
Client Sample Results	9
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	16
Lab Chronicle	18
Certification Summary	19
Chain of Custody	20



Definitions/Glossary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Qualifiers

Metals

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased

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

Case Narrative

Client: CJF Associates, LLC
Project: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Job ID: 240-225145-1

Eurofins Cleveland

Job Narrative 240-225145-1

Receipt

The samples were received on 5/23/2025 8:20 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 7.9°C.

PCBs

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

Metals

Method 6010D - TCLP: The low level continuing calibration verification (CCVL) associated with batch 310-456122 recovered above the upper control limit for Silver. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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.

Eurofins Cleveland

Method Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
PCB	Total PCB Calculation	TAL SOP	EET CF
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
D92	Flashpoint	ASTM	EET CF
Moisture	Percent Moisture	EPA	EET CF
1311	TCLP Extraction	SW846	EET CF
3010A	Preparation, Total Metals	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
3546	Microwave Extraction	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-225145-1	ZDSF-052225-003	Solid	05/22/25 16:00	05/23/25 08:20

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

Detection Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Client Sample ID: ZDSF-052225-003

Lab Sample ID: 240-225145-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.83		0.40	0.080	mg/L	2		6010D	TCLP
Cadmium	0.16		0.040	0.0078	mg/L	2		6010D	TCLP
Lead	0.30		0.20	0.074	mg/L	2		6010D	TCLP
Flashpoint	>201		65.0	65.0	Degrees F	1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample Results

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Client Sample ID: ZDSF-052225-003

Lab Sample ID: 240-225145-1

Date Collected: 05/22/25 16:00

Matrix: Solid

Date Received: 05/23/25 08:20

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	0.76	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1221	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1232	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1242	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1248	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1254	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1260	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 13:20	1
PCB-1268	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 13:20	1
Polychlorinated biphenyls, Total	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	41		10 - 150	05/28/25 12:23	05/29/25 13:20	1
Tetrachloro-m-xylene	76		17 - 150	05/28/25 12:23	05/29/25 13:20	1

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total PCBs	ND		0.055	0.047	mg/Kg			05/27/25 11:56	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.20	0.060	mg/L		05/28/25 09:20	05/29/25 16:39	2
Barium	0.83		0.40	0.080	mg/L		05/28/25 09:20	05/29/25 16:39	2
Cadmium	0.16		0.040	0.0078	mg/L		05/28/25 09:20	05/29/25 16:39	2
Chromium	ND		0.040	0.012	mg/L		05/28/25 09:20	05/29/25 16:39	2
Lead	0.30		0.20	0.074	mg/L		05/28/25 09:20	05/29/25 16:39	2
Selenium	ND		0.20	0.058	mg/L		05/28/25 09:20	05/29/25 16:39	2
Silver	ND	^3+	0.10	0.032	mg/L		05/28/25 09:20	05/29/25 16:39	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0012	mg/L		05/29/25 11:15	05/29/25 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint (ASTM D92)	>201		65.0	65.0	Degrees F			05/28/25 16:44	1
Percent Moisture (EPA Moisture)	9.9		0.1	0.1	%			05/23/25 21:37	1
Percent Solids (EPA Moisture)	90.1		0.1	0.1	%			05/23/25 21:37	1

Eurofins Cleveland

Client Sample Results

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Client Sample ID: ZDSF-052225-003

Lab Sample ID: 240-225145-1

Date Collected: 05/22/25 16:00

Matrix: Solid

Date Received: 05/23/25 08:20

Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.055	0.035	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1221	ND		0.055	0.035	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1232	ND		0.055	0.035	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1242	ND		0.055	0.035	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1248	ND		0.055	0.047	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1254	ND		0.055	0.047	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1260	ND		0.055	0.047	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
PCB-1268	ND		0.055	0.047	mg/Kg	☼	05/23/25 10:54	05/27/25 11:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		15 - 150				05/23/25 10:54	05/27/25 11:56	1
Tetrachloro-m-xylene	80		24 - 150				05/23/25 10:54	05/27/25 11:56	1

Surrogate Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (15-150)	TCX1 (24-150)
240-225145-1	ZDSF-052225-003	61	80
240-225145-1 MS	ZDSF-052225-003	49	74
240-225145-1 MSD	ZDSF-052225-003	52	75
LCS 310-455617/2-A	Lab Control Sample	64	73
MB 310-455617/1-A	Method Blank	70	81

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (10-150)	TCX2 (17-150)
LCS 310-455939/11-A	Lab Control Sample	87	66
MB 310-455939/1-A	Method Blank	69	69

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)

Lab Sample ID	Client Sample ID	DCB2 (10-150)	TCX2 (17-150)
240-225145-1	ZDSF-052225-003	41	76
LB 310-455749/1-D	Method Blank	69	66

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

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

Lab Sample ID: MB 310-455617/1-A

Matrix: Solid

Analysis Batch: 455731

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 455617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.049	0.032	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1221	ND		0.049	0.032	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1232	ND		0.049	0.032	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1242	ND		0.049	0.032	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1248	ND		0.049	0.042	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1254	ND		0.049	0.042	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1260	ND		0.049	0.042	mg/Kg		05/23/25 10:54	05/27/25 11:04	1
PCB-1268	ND		0.049	0.042	mg/Kg		05/23/25 10:54	05/27/25 11:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	70		15 - 150	05/23/25 10:54	05/27/25 11:04	1
Tetrachloro-m-xylene	81		24 - 150	05/23/25 10:54	05/27/25 11:04	1

Lab Sample ID: LCS 310-455617/2-A

Matrix: Solid

Analysis Batch: 455731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 455617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.326	0.229		mg/Kg		70	40 - 139
PCB-1260	0.326	0.246		mg/Kg		76	39 - 142

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	64		15 - 150
Tetrachloro-m-xylene	73		24 - 150

Lab Sample ID: 240-225145-1 MS

Matrix: Solid

Analysis Batch: 455731

Client Sample ID: ZDSF-052225-003

Prep Type: Total/NA

Prep Batch: 455617

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		0.350	0.320		mg/Kg	☼	91	27 - 150
PCB-1260	ND		0.350	0.245		mg/Kg	☼	70	17 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	49		15 - 150
Tetrachloro-m-xylene	74		24 - 150

Lab Sample ID: 240-225145-1 MSD

Matrix: Solid

Analysis Batch: 455731

Client Sample ID: ZDSF-052225-003

Prep Type: Total/NA

Prep Batch: 455617

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		0.362	0.318		mg/Kg	☼	88	27 - 150	0	40
PCB-1260	ND		0.362	0.243		mg/Kg	☼	67	17 - 150	1	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	52		15 - 150

Eurofins Cleveland

QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

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

Lab Sample ID: 240-225145-1 MSD
Matrix: Solid
Analysis Batch: 455731

Client Sample ID: ZDSF-052225-003
Prep Type: Total/NA
Prep Batch: 455617

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	75		24 - 150

Lab Sample ID: MB 310-455939/1-A
Matrix: Solid
Analysis Batch: 456006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 455939

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
PCB-1016	ND		2.0	0.81	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1221	ND		2.0	0.81	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1232	ND		2.0	0.81	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1242	ND		2.0	0.81	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1248	ND		2.0	0.68	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1254	ND		2.0	0.68	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1260	ND		2.0	0.68	ug/L		05/28/25 12:23	05/29/25 12:02	1
PCB-1268	ND		2.0	0.68	ug/L		05/28/25 12:23	05/29/25 12:02	1
Polychlorinated biphenyls, Total	ND		2.0	0.81	ug/L		05/28/25 12:23	05/29/25 12:02	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
DCB Decachlorobiphenyl (Surr)	69		10 - 150				05/28/25 12:23	05/29/25 12:02	1
Tetrachloro-m-xylene	69		17 - 150				05/28/25 12:23	05/29/25 12:02	1

Lab Sample ID: LCS 310-455939/11-A
Matrix: Solid
Analysis Batch: 456006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 455939

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Added	Result	Qualifier				Limits	
PCB-1016	27.8	25.2		ug/L		91	25 - 150
PCB-1260	27.8	25.5		ug/L		92	14 - 150

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	87		10 - 150
Tetrachloro-m-xylene	66		17 - 150

Lab Sample ID: LB 310-455749/1-D
Matrix: Solid
Analysis Batch: 456006

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 455939

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
PCB-1016	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1221	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1232	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1242	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1248	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1254	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1260	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 12:15	1
PCB-1268	ND		1.9	0.64	ug/L		05/28/25 12:23	05/29/25 12:15	1
Polychlorinated biphenyls, Total	ND		1.9	0.76	ug/L		05/28/25 12:23	05/29/25 12:15	1

Eurofins Cleveland

QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

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

Lab Sample ID: LB 310-455749/1-D
Matrix: Solid
Analysis Batch: 456006

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 455939

	LB	LB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
DCB Decachlorobiphenyl (Surr)	69		10 - 150	05/28/25 12:23	05/29/25 12:15	1			
Tetrachloro-m-xylene	66		17 - 150	05/28/25 12:23	05/29/25 12:15	1			

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 310-455749/1-B
Matrix: Solid
Analysis Batch: 456122

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 455883

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Arsenic	ND		0.10	0.030	mg/L		05/28/25 09:20	05/29/25 16:22	1	
Barium	ND		0.20	0.040	mg/L		05/28/25 09:20	05/29/25 16:22	1	
Cadmium	ND		0.020	0.0039	mg/L		05/28/25 09:20	05/29/25 16:22	1	
Chromium	ND		0.020	0.0060	mg/L		05/28/25 09:20	05/29/25 16:22	1	
Lead	ND		0.10	0.037	mg/L		05/28/25 09:20	05/29/25 16:22	1	
Selenium	ND		0.10	0.029	mg/L		05/28/25 09:20	05/29/25 16:22	1	
Silver	ND	^3+	0.050	0.016	mg/L		05/28/25 09:20	05/29/25 16:22	1	

Lab Sample ID: LCS 310-455749/2-B
Matrix: Solid
Analysis Batch: 456122

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 455883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	4.00	3.88		mg/L		97	80 - 120
Barium	2.00	2.05		mg/L		102	80 - 120
Cadmium	2.00	1.86		mg/L		93	80 - 120
Chromium	2.00	1.87		mg/L		94	80 - 120
Lead	4.00	3.75		mg/L		94	80 - 120
Selenium	8.00	7.72		mg/L		97	80 - 120
Silver	2.00	2.04	^3+	mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 310-455749/1-E
Matrix: Solid
Analysis Batch: 456119

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 455941

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Mercury	ND		0.0020	0.0012	mg/L		05/29/25 11:15	05/29/25 15:04	1	

Lab Sample ID: LCS 310-455749/2-D
Matrix: Solid
Analysis Batch: 456119

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 455941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0167	0.0163		mg/L		98	80 - 120

Eurofins Cleveland

QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Method: Moisture - Percent Moisture

Lab Sample ID: 240-225145-1 DU
Matrix: Solid
Analysis Batch: 455689

Client Sample ID: ZDSF-052225-003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	9.9		11.1		%		12	40
Percent Solids	90.1		88.9		%		1	16

QC Association Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

GC Semi VOA

Prep Batch: 455617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	Total/NA	Solid	3546	
MB 310-455617/1-A	Method Blank	Total/NA	Solid	3546	
LCS 310-455617/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-225145-1 MS	ZDSF-052225-003	Total/NA	Solid	3546	
240-225145-1 MSD	ZDSF-052225-003	Total/NA	Solid	3546	

Analysis Batch: 455731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	Total/NA	Solid	8082A	455617
MB 310-455617/1-A	Method Blank	Total/NA	Solid	8082A	455617
LCS 310-455617/2-A	Lab Control Sample	Total/NA	Solid	8082A	455617
240-225145-1 MS	ZDSF-052225-003	Total/NA	Solid	8082A	455617
240-225145-1 MSD	ZDSF-052225-003	Total/NA	Solid	8082A	455617

Leach Batch: 455749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	1311	
LB 310-455749/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 455939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	3511	455749
LB 310-455749/1-D	Method Blank	TCLP	Solid	3511	455749
MB 310-455939/1-A	Method Blank	Total/NA	Solid	3511	
LCS 310-455939/11-A	Lab Control Sample	Total/NA	Solid	3511	

Analysis Batch: 456006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	8082A	455939
LB 310-455749/1-D	Method Blank	TCLP	Solid	8082A	455939
MB 310-455939/1-A	Method Blank	Total/NA	Solid	8082A	455939
LCS 310-455939/11-A	Lab Control Sample	Total/NA	Solid	8082A	455939

Analysis Batch: 456090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	Total/NA	Solid	PCB	

Metals

Leach Batch: 455749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	1311	
LB 310-455749/1-B	Method Blank	TCLP	Solid	1311	
LB 310-455749/1-E	Method Blank	TCLP	Solid	1311	
LCS 310-455749/2-B	Lab Control Sample	TCLP	Solid	1311	
LCS 310-455749/2-D	Lab Control Sample	TCLP	Solid	1311	

Prep Batch: 455883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	3010A	455749
LB 310-455749/1-B	Method Blank	TCLP	Solid	3010A	455749

Eurofins Cleveland

QC Association Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Metals (Continued)

Prep Batch: 455883 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-455749/2-B	Lab Control Sample	TCLP	Solid	3010A	455749

Prep Batch: 455941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	7470A	455749
LB 310-455749/1-E	Method Blank	TCLP	Solid	7470A	455749
LCS 310-455749/2-D	Lab Control Sample	TCLP	Solid	7470A	455749

Analysis Batch: 456119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	7470A	455941
LB 310-455749/1-E	Method Blank	TCLP	Solid	7470A	455941
LCS 310-455749/2-D	Lab Control Sample	TCLP	Solid	7470A	455941

Analysis Batch: 456122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	TCLP	Solid	6010D	455883
LB 310-455749/1-B	Method Blank	TCLP	Solid	6010D	455883
LCS 310-455749/2-B	Lab Control Sample	TCLP	Solid	6010D	455883

General Chemistry

Analysis Batch: 455689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	Total/NA	Solid	Moisture	
240-225145-1 DU	ZDSF-052225-003	Total/NA	Solid	Moisture	

Analysis Batch: 455996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-225145-1	ZDSF-052225-003	Total/NA	Solid	D92	

Lab Chronicle

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Client Sample ID: ZDSF-052225-003

Lab Sample ID: 240-225145-1

Date Collected: 05/22/25 16:00

Matrix: Solid

Date Received: 05/23/25 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			455749	U8FK	EET CF	05/27/25 14:00 - 05/28/25 07:00 ¹
TCLP	Prep	3511			455939	BW2O	EET CF	05/28/25 12:23
TCLP	Analysis	8082A		1	456006	BW2O	EET CF	05/29/25 13:20
Total/NA	Analysis	PCB		1	456090	BW2O	EET CF	05/27/25 11:56
TCLP	Leach	1311			455749	U8FK	EET CF	05/27/25 14:00 - 05/28/25 07:00 ¹
TCLP	Prep	3010A			455883	WK2X	EET CF	05/28/25 09:20
TCLP	Analysis	6010D		2	456122	ZRI4	EET CF	05/29/25 16:39
TCLP	Leach	1311			455749	U8FK	EET CF	05/27/25 14:00 - 05/28/25 07:00 ¹
TCLP	Prep	7470A			455941	F5MW	EET CF	05/29/25 11:15
TCLP	Analysis	7470A		1	456119	QTZ5	EET CF	05/29/25 15:25
Total/NA	Analysis	D92		1	455996	ENB7	EET CF	05/28/25 16:44
Total/NA	Analysis	Moisture		1	455689	ZJX4	EET CF	05/23/25 21:37

Client Sample ID: ZDSF-052225-003

Lab Sample ID: 240-225145-1

Date Collected: 05/22/25 16:00

Matrix: Solid

Date Received: 05/23/25 08:20

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			455617	RHL8	EET CF	05/23/25 10:54
Total/NA	Analysis	8082A		1	455731	BW2O	EET CF	05/27/25 11:56

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

Accreditation/Certification Summary

Client: CJF Associates, LLC
Project/Site: Alter - Davenport, 1217-01

Job ID: 240-225145-1

Laboratory: Eurofins Cedar Falls

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

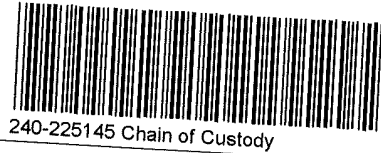
Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-25
Georgia	State	IA100001 (OR)	09-29-25
Illinois	NELAP	200024	11-30-25
Iowa	State	007	12-01-25
Kansas	NELAP	E-10341	01-31-26
Minnesota	NELAP	019-999-319	12-31-25
Minnesota (Petrofund)	State	3349	01-18-26
North Dakota	State	R-186	09-29-24 *
Oregon	NELAP	IA100001	09-29-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland



Environment Testing
America



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>CJF</u>			
City/State:	CITY <u>St. Clair</u>	STATE <u>MI</u>	Project:
Receipt Information			
Date/Time Received.	DATE <u>5-23-25</u>	TIME <u>9:15</u>	Received By <u>PD</u>
Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? ☒ Yes ☐ No If yes: Cooler ID: _____			
Multiple Coolers? ☐ Yes ☒ No If yes: Cooler # _____ of _____			
Cooler Custody Seals Present? ☒ Yes ☐ No If yes: Cooler custody seals intact? ☒ Yes ☐ No			
Sample Custody Seals Present? ☐ Yes ☒ No If yes: Sample custody seals intact? ☐ Yes ☐ No			
Trip Blank Present? ☐ Yes ☒ No If yes: Which VOA samples are in cooler? ↓			
Temperature Record			
Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C) <u>0</u>	
• Temp Blank Temperature -- If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):		Corrected Temp (°C):	
• Sample Container Temperature			
CONTAINER 1		CONTAINER 2	
Container(s) used: <u>4oz jar</u>		<u>4oz jar</u>	
Uncorrected Temp (°C): <u>7.9</u>		<u>7.9</u>	
Corrected Temp (°C): <u>7.9</u>		<u>7.9</u>	
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☒ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE If yes, contact PM before proceeding If no, proceed with login			
Additional Comments			

