CJF associates
Environmental Engineering, Management and Consulting

PO Box 80815
St. Clair Shores
Michigan 48080

(313) 999-4071 phone
(586) 777-7101 fax

www.CJFassociates.com

May 29, 2024

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 2024

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

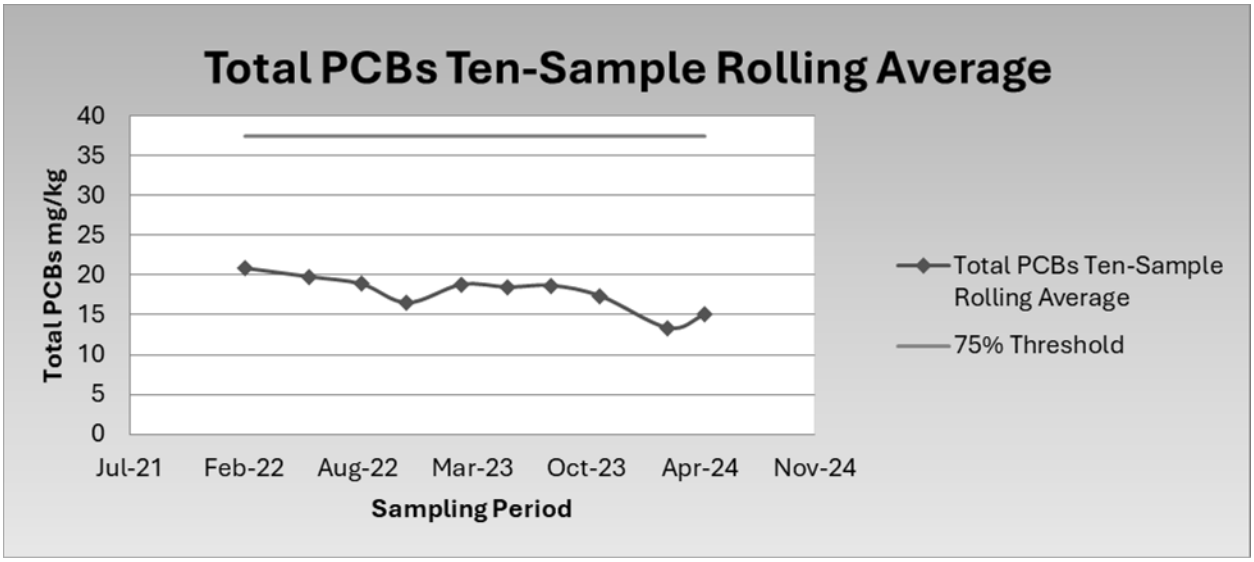
- PCB concentration this quarter: 21 mg/kg;
- Ten-Sample Rolling PCB Average: 15.03 mg/kg;
- PCB TCLP result this quarter is non-detect; and
- All TCLP metal results are below regulatory criteria.

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 3 through April 16, 2024 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 totaled 21 mg/kg. TCLP PCBs were not detected above the laboratory reporting limit. Barium, cadmium, and mercury were the only RCRA metal identified above the laboratory reporting limits but below regulatory TCLP concentrations. Lead was not detected above the reporting limit concentration of 0.2 mg/L which does not exceed the regulatory TCLP concentration of 5.0 mg/L. The present ten-sample rolling average for PCBs is 15.03 mg/kg. Rolling averages of the ten-sampling period results for total PCBs are presented below:



Second 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]
ZDSF-042524-001	21	ND	ND	0.70	0.14	ND	ND	ND	ND	0.0030	>202

Notes: All TCLP results are reported in mg/L
(1) Results reported in mg/kg
(2) Results reported in degrees Fahrenheit

ND = Not Detected above Laboratory Detection Limits
NA = Not Analyzed

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

eurofins | Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

1217-01, Davenport

JOB NUMBER

240-203438-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

myEOL

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

Table of Contents

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
240-203438-1

Receipt
The samples were received on 4/26/2024 10:10 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 1.5º C.

GC Semi VOA
Method 8082A: The following sample was diluted due to the nature of the sample matrix: ZDSF-042524-001 (240-203438-1). 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.

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

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

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

Method Summary

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

Job ID: 240-203438-1

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
3550B	Ultrasonic 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: 1217-01, Davenport

Job ID: 240-203438-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-203438-1	ZDSF-042524-001	Solid	04/25/24 13:30	04/26/24 10:10

Detection Summary

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

Job ID: 240-203438-1

Client Sample ID: ZDSF-042524-001

Lab Sample ID: 240-203438-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	21		2.7	0.30	mg/Kg	20	☼	8082A	Total/NA
Total PCBs	21		2.7	0.30	mg/Kg	1		PCB	Total/NA
Barium	0.70		0.40	0.080	mg/L	2		6010D	TCLP
Cadmium	0.14		0.040	0.0078	mg/L	2		6010D	TCLP
Mercury	0.0030		0.0020	0.0011	mg/L	1		7470A	TCLP
Flashpoint	>202		65.0	65.0	Degrees F	1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 240-203438-1

Client Sample ID: ZDSF-042524-001
Date Collected: 04/25/24 13:30
Date Received: 04/26/24 10:10

Lab Sample ID: 240-203438-1
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		2.0	0.81	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1221	ND		2.0	0.81	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1232	ND		2.0	0.81	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1242	ND		2.0	0.81	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1248	ND		2.0	0.68	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1254	ND		2.0	0.68	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1260	ND		2.0	0.68	ug/L		05/10/24 06:58	05/10/24 13:31	1
PCB-1268	ND		2.0	0.68	ug/L		05/10/24 06:58	05/10/24 13:31	1
Polychlorinated biphenyls, Total	ND		2.0	0.81	ug/L		05/10/24 06:58	05/10/24 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*40*		*11 - 122*	*05/10/24 06:58*	*05/10/24 13:31*	*1*
Tetrachloro-m-xylene	*111*		*23 - 123*	*05/10/24 06:58*	*05/10/24 13:31*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total PCBs	**21**		2.7	0.30	mg/Kg			05/20/24 12:51	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		05/03/24 09:00	05/06/24 10:40	2
Barium	**0.70**		0.40	0.080	mg/L		05/03/24 09:00	05/06/24 10:40	2
Cadmium	**0.14**		0.040	0.0078	mg/L		05/03/24 09:00	05/06/24 10:40	2
Chromium	ND		0.040	0.012	mg/L		05/03/24 09:00	05/06/24 10:40	2
Lead	ND		0.20	0.074	mg/L		05/03/24 09:00	05/06/24 10:40	2
Selenium	ND		0.20	0.058	mg/L		05/03/24 09:00	05/06/24 10:40	2
Silver	ND		0.10	0.032	mg/L		05/03/24 09:00	05/06/24 10:40	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0030**		0.0020	0.0011	mg/L		05/06/24 16:28	05/08/24 09:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint (ASTM D92)	**>202**		65.0	65.0	Degrees F			05/10/24 11:17	1
Percent Moisture (EPA Moisture)	**21.0**		0.1	0.1	%			04/29/24 06:36	1
Percent Solids (EPA Moisture)	**79.0**		0.1	0.1	%			04/29/24 06:36	1

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

Job ID: 240-203438-1

Client Sample ID: ZDSF-042524-001
Date Collected: 04/25/24 13:30
Date Received: 04/26/24 10:10

Lab Sample ID: 240-203438-1
Matrix: Solid
Percent Solids: 79.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.14	0.0036	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1
PCB-1221	ND		0.14	0.037	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1
PCB-1232	ND		0.14	0.014	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1
PCB-1242	**21**		2.7	0.30	mg/Kg	☼	05/09/24 14:46	05/20/24 12:51	20
PCB-1248	ND		0.14	0.0093	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1
PCB-1254	ND		0.14	0.0088	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1
PCB-1260	ND		0.14	0.0047	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1
PCB-1268	ND		0.14	0.0019	mg/Kg	☼	05/09/24 14:46	05/13/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*61*		*10 - 149*	*05/09/24 14:46*	*05/13/24 18:30*	*1*
Tetrachloro-m-xylene	*49*		*10 - 147*	*05/09/24 14:46*	*05/13/24 18:30*	*1*

Surrogate Summary

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

Job ID: 240-203438-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(10-149)	(10-147)										
240-203438-1	ZDSF-042524-001	61	49										
LCS 310-421202/2-A	Lab Control Sample	131	103										
MB 310-421202/1-A	Method Blank	121	88										

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)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(11-122)	(23-123)										
LCS 310-421246/5-A	Lab Control Sample	78	87										

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)											
		DCB1	TCX1										
Lab Sample ID	Client Sample ID	(11-122)	(23-123)										
240-203438-1	ZDSF-042524-001	40	111										
LB 310-420379/1-C	Method Blank	82	102										

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 310-421202/1-A
Matrix: Solid
Analysis Batch: 421427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 421202

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.025	0.00064	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1221	ND		0.025	0.0066	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1232	ND		0.025	0.0025	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1242	ND		0.025	0.0027	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1248	ND		0.025	0.0017	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1254	ND		0.025	0.0016	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1260	ND		0.025	0.00083	mg/Kg		05/09/24 14:46	05/13/24 17:09	1
PCB-1268	ND		0.025	0.00034	mg/Kg		05/09/24 14:46	05/13/24 17:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*121*		*10 - 149*	*05/09/24 14:46*	*05/13/24 17:09*	*1*
Tetrachloro-m-xylene	*88*		*10 - 147*	*05/09/24 14:46*	*05/13/24 17:09*	*1*

Lab Sample ID: LCS 310-421202/2-A
Matrix: Solid
Analysis Batch: 421427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 421202

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.194	0.200		mg/Kg		103	33 - 129		
PCB-1260			0.194	0.178		mg/Kg		92	39 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*131*		*10 - 149*
Tetrachloro-m-xylene	*103*		*10 - 147*

Lab Sample ID: LCS 310-421246/5-A
Matrix: Solid
Analysis Batch: 421256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 421246

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*78*		*11 - 122*
Tetrachloro-m-xylene	*87*		*23 - 123*

Lab Sample ID: LB 310-420379/1-C
Matrix: Solid
Analysis Batch: 421256

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 421246

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	0.78	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1221	ND		1.9	0.78	ug/L		05/10/24 06:58	05/10/24 11:11	1
Polychlorinated biphenyls, Total	ND		1.9	0.78	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1232	ND		1.9	0.78	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1242	ND		1.9	0.78	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1248	ND		1.9	0.65	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1254	ND		1.9	0.65	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1260	ND		1.9	0.65	ug/L		05/10/24 06:58	05/10/24 11:11	1
PCB-1268	ND		1.9	0.65	ug/L		05/10/24 06:58	05/10/24 11:11	1

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

Lab Sample ID: LB 310-420379/1-C
Matrix: Solid
Analysis Batch: 421256

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 421246

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	82		11 - 122	05/10/24 06:58	05/10/24 11:11	1
Tetrachloro-m-xylene	102		23 - 123	05/10/24 06:58	05/10/24 11:11	1

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 310-420378/1-B
Matrix: Solid
Analysis Batch: 420763

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 420523

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.050	0.016	mg/L		05/03/24 09:00	05/06/24 10:32	1

Lab Sample ID: LCS 310-420378/2-B
Matrix: Solid
Analysis Batch: 420763

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 420523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	2.00	2.09		mg/L		105	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 310-420378/1-D
Matrix: Solid
Analysis Batch: 421070

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 420795

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0011	mg/L		05/06/24 16:28	05/08/24 09:47	1

Lab Sample ID: LCS 310-420378/2-D
Matrix: Solid
Analysis Batch: 421070

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 420795

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0167	0.0180		mg/L		108	80 - 120

Method: D92 - Flashpoint

Lab Sample ID: 240-203438-1 DU
Matrix: Solid
Analysis Batch: 421179

Client Sample ID: ZDSF-042524-001
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>202		>202.0		Degrees F		NC	16

GC Semi VOA

Leach Batch: 420379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	1311	
LB 310-420379/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 421202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	Total/NA	Solid	3550B	
MB 310-421202/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 310-421202/2-A	Lab Control Sample	Total/NA	Solid	3550B	

Prep Batch: 421246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	3511	420379
LB 310-420379/1-C	Method Blank	TCLP	Solid	3511	420379
LCS 310-421246/5-A	Lab Control Sample	Total/NA	Solid	3511	

Analysis Batch: 421256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	8082A	421246
LB 310-420379/1-C	Method Blank	TCLP	Solid	8082A	421246
LCS 310-421246/5-A	Lab Control Sample	Total/NA	Solid	8082A	421246

Analysis Batch: 421427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	Total/NA	Solid	8082A	421202
MB 310-421202/1-A	Method Blank	Total/NA	Solid	8082A	421202
LCS 310-421202/2-A	Lab Control Sample	Total/NA	Solid	8082A	421202

Analysis Batch: 422170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	Total/NA	Solid	8082A	421202

Analysis Batch: 422232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	Total/NA	Solid	PCB	

Metals

Leach Batch: 420378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	1311	
LB 310-420378/1-B	Method Blank	TCLP	Solid	1311	
LB 310-420378/1-D	Method Blank	TCLP	Solid	1311	
LCS 310-420378/2-B	Lab Control Sample	TCLP	Solid	1311	
LCS 310-420378/2-D	Lab Control Sample	TCLP	Solid	1311	

Prep Batch: 420523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	3010A	420378
LB 310-420378/1-B	Method Blank	TCLP	Solid	3010A	420378
LCS 310-420378/2-B	Lab Control Sample	TCLP	Solid	3010A	420378

QC Association Summary

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

Job ID: 240-203438-1

Metals

Analysis Batch: 420763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	6010D	420523
LB 310-420378/1-B	Method Blank	TCLP	Solid	6010D	420523
LCS 310-420378/2-B	Lab Control Sample	TCLP	Solid	6010D	420523

Prep Batch: 420795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	7470A	420378
LB 310-420378/1-D	Method Blank	TCLP	Solid	7470A	420378
LCS 310-420378/2-D	Lab Control Sample	TCLP	Solid	7470A	420378

Analysis Batch: 421070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	TCLP	Solid	7470A	420795
LB 310-420378/1-D	Method Blank	TCLP	Solid	7470A	420795
LCS 310-420378/2-D	Lab Control Sample	TCLP	Solid	7470A	420795

General Chemistry

Analysis Batch: 420058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	Total/NA	Solid	Moisture	

Analysis Batch: 421179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-203438-1	ZDSF-042524-001	Total/NA	Solid	D92	
240-203438-1 DU	ZDSF-042524-001	Total/NA	Solid	D92	

Lab Chronicle

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

Job ID: 240-203438-1

Client Sample ID: ZDSF-042524-001

Lab Sample ID: 240-203438-1

Date Collected: 04/25/24 13:30

Matrix: Solid

Date Received: 04/26/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			420379	D0DG	EET CF	05/01/24 15:30 - 05/02/24 08:00 [1]
TCLP	Prep	3511			421246	D2YP	EET CF	05/10/24 06:58
TCLP	Analysis	8082A		1	421256	BW2O	EET CF	05/10/24 13:31
Total/NA	Analysis	PCB		1	422232	D2YP	EET CF	05/20/24 12:51
TCLP	Leach	1311			420378	D0DG	EET CF	05/01/24 15:30 - 05/02/24 08:00 [1]
TCLP	Prep	3010A			420523	KM3E	EET CF	05/03/24 09:00
TCLP	Analysis	6010D		2	420763	ZRI4	EET CF	05/06/24 10:40
TCLP	Leach	1311			420378	D0DG	EET CF	05/01/24 15:30 - 05/02/24 08:00 [1]
TCLP	Prep	7470A			420795	A6US	EET CF	05/06/24 16:28
TCLP	Analysis	7470A		1	421070	A6US	EET CF	05/08/24 09:55
Total/NA	Analysis	D92		1	421179	WZC8	EET CF	05/10/24 11:17
Total/NA	Analysis	Moisture		1	420058	DGU1	EET CF	04/29/24 06:36

Client Sample ID: ZDSF-042524-001

Lab Sample ID: 240-203438-1

Date Collected: 04/25/24 13:30

Matrix: Solid

Date Received: 04/26/24 10:10

Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550B			421202	YU9M	EET CF	05/09/24 14:46
Total/NA	Analysis	8082A		20	422170	BW2O	EET CF	05/20/24 12:51
Total/NA	Prep	3550B			421202	YU9M	EET CF	05/09/24 14:46
Total/NA	Analysis	8082A		1	421427	BW2O	EET CF	05/13/24 18:30

[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: 1217-01, Davenport

Job ID: 240-203438-1

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8082A	3511	Solid	PCB-1268
8082A	3511	Solid	Polychlorinated biphenyls, Total
8082A	3550B	Solid	PCB-1268
D92		Solid	Flashpoint
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
PCB		Solid	Total PCBs

Chain of Custody Record

718490

eurofins | Environment Testing America

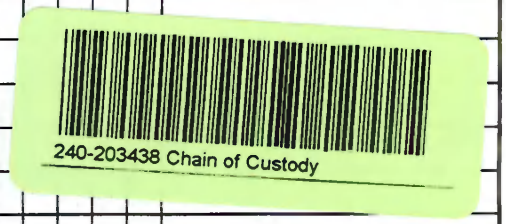
Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager:	Site Contact:	Date:	COC No:
Company Name: CJF Associates LLC	Tel/Email:	Lab Contact:	Carrier:	1 of 1 COCs
Address:	Analysis Turnaround Time			Sampler: Charles King
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Alter ED	☐ 1 week			
Site: Davenport, Iowa	☐ 2 days			Job / SDG No.:
P O # 1217-01	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total PCBs	TCLP PCBs	TCLP RCRA metals Ignitability	Sample Specific Notes:
ZDSF-042524-001	4-25-24	1:30	C	S	4			X	X	X	
↓ -001DUP	↓	↓	↓	↓	↓						Hold



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.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

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 & Comments:

Samples meet Iowa certified labs

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Charles King	CJF	4-25-24 3:00 PM	J. MOROSKO	FFINC	04/26/24 1010
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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

Client CJE Associates Site Name _____ Cooler unpacked by: J MOROSKO

Cooler Received on 04/26/24 Opened on 04/26/24

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 # 17 (CF TO 2 °C) Observed Cooler Temp 13 °C Corrected Cooler Temp. 15 °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)?	(Y) (Y) (Y)
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# HC439975
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 | Samples processed 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 _____

4/26/2024

Login Container Summary Report

240-203438

5/20/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
ZDSF-042524-001	240-203438-A-1	Soil jar 4oz - clear glass				
ZDSF-042524-001	240-203438-B-1	Soil jar 4oz - clear glass				
ZDSF-042524-001	240-203438-C-1	Soil jar 4oz - clear glass				
ZDSF-042524-001	240-203438 D-1	Soil jar 4oz - clear glass				
ZDSF-042524-001	240 203438-E-1	Soil jar 16oz - clear glass				
ZDSF-042524-001	240-203438-F 1	Soil jar 16oz - clear glass				
ZDSF-042524-001	240-203438-G-1	Soil jar 16oz - clear glass				
ZDSF-042524-001	240-203438-H-1	Soil jar 16oz - clear glass				
-001 DUP	240-203438-A-2	SnapCap 1/2 ounce unpreserved				

Login Sample Receipt Checklist

Client: CJF Associates, LLC

Job Number: 240-203438-1

Login Number: 203438
List Number: 2
Creator: Costello, Mackenzie K

List Source: Eurofins Cedar Falls
List Creation: 04/27/24 09:47 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.	True	
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	