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March 8, 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
1st 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: 4 mg/kg;
- Ten-Sample Rolling PCB Average: 13.34 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.

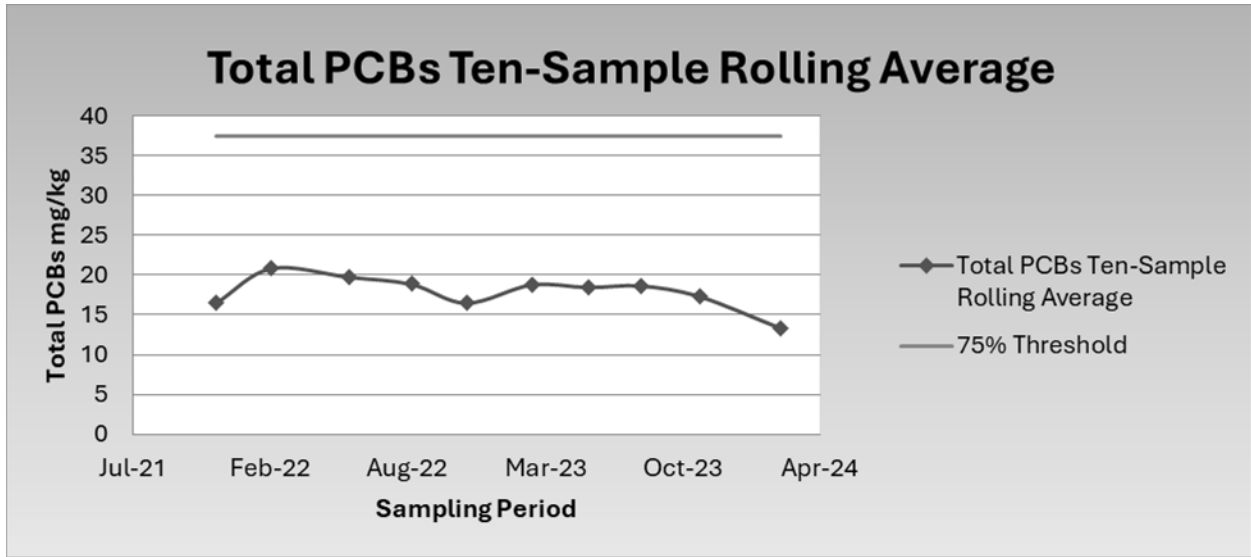
Details

In order to characterize the fluff, samples were collected and analyzed from the bulk seven-day composite sample. The composite sample was collected from January 17 through January 29, 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 4 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 0.099 mg/L which does not exceed the regulatory TCLP concentration of 5.0 mg/L. The present ten-sample rolling average for PCBs is 13.34 mg/kg. Rolling averages of the ten-sampling period results for total PCBs are presented below:



March 8, 2024



First 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-022124-001	4	ND	ND	0.95	0.12	ND	0.099	ND	ND	ND	>202

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
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St. Claire Shores, Michigan 48080
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JOB DESCRIPTION

Alter Davenport, 1217-01

JOB NUMBER

240-199809-1

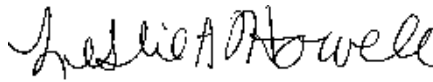
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Job Notes

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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Definitions/Glossary

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

Job ID: 240-199809-1

Qualifiers

Metals

Qualifier	Qualifier Description
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 240-199809-1

Job ID: 240-199809-1

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Job Narrative 240-199809-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/22/2024 9:30 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 2.3°C.

PCBs

Method 8082A: The following samples were diluted due to the nature of the sample matrix: ZDSF-022124-001 (240-199809-1), (240-199817-A-1-C), (240-199817-A-1-A MS) and (240-199817-A-1-B MSD). Elevated reporting limits (RLs) are provided.

Method 8082A - TCLP: tumbled in plastic due to matrix: ZDSF-022124-001 (240-199809-1)

Method 8082A - TCLP: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-415214 and 310-415315. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

Metals

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.

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Method Summary

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

Job ID: 240-199809-1

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
3510C	Liquid-Liquid Extraction (Separatory Funnel)	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: Alter Davenport, 1217-01

Job ID: 240-199809-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
240-199809-1	ZDSF-022124-001	Solid	02/21/24 15:30	02/22/24 09:30

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Detection Summary

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

Job ID: 240-199809-1

Client Sample ID: ZDSF-022124-001

Lab Sample ID: 240-199809-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	4.0		1.5	0.16	mg/Kg	10	✳	8082A	Total/NA
Total PCBs	4.0		1.5	0.39	mg/Kg	1		PCB	Total/NA
Barium	0.95		0.40	0.080	mg/L	2		6010D	TCLP
Cadmium	0.12		0.040	0.0078	mg/L	2		6010D	TCLP
Lead	0.099	J	0.20	0.052	mg/L	2		6010D	TCLP
Flashpoint	>202		65.0	65.0	Degrees F	1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 240-199809-1

Client Sample ID: ZDSF-022124-001

Lab Sample ID: 240-199809-1

Date Collected: 02/21/24 15:30

Matrix: Solid

Date Received: 02/22/24 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1221	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1232	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1242	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1248	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1254	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1260	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 17:03	1
PCB-1268	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 17:03	1
Polychlorinated biphenyls, Total	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		11 - 122				03/06/24 10:50	03/06/24 17:03	1
Tetrachloro-m-xylene	66		23 - 123				03/06/24 10:50	03/06/24 17:03	1

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total PCBs	4.0		1.5	0.39	mg/Kg			03/06/24 11:34	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		03/06/24 09:30	03/07/24 09:24	2
Barium	0.95		0.40	0.080	mg/L		03/06/24 09:30	03/07/24 09:24	2
Cadmium	0.12		0.040	0.0078	mg/L		03/06/24 09:30	03/07/24 09:24	2
Chromium	ND		0.040	0.012	mg/L		03/06/24 09:30	03/07/24 09:24	2
Lead	0.099	J	0.20	0.052	mg/L		03/06/24 09:30	03/07/24 09:24	2
Selenium	ND		0.20	0.058	mg/L		03/06/24 09:30	03/07/24 09:24	2
Silver	ND		0.10	0.028	mg/L		03/06/24 09:30	03/07/24 09:24	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0015	mg/L		03/06/24 12:35	03/07/24 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint (ASTM D92)	>202		65.0	65.0	Degrees F			02/27/24 16:38	1
Percent Moisture (EPA Moisture)	23.8		0.1	0.1	%			02/24/24 10:54	1
Percent Solids (EPA Moisture)	76.2		0.1	0.1	%			02/24/24 10:54	1

Client Sample Results

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

Job ID: 240-199809-1

Client Sample ID: ZDSF-022124-001

Lab Sample ID: 240-199809-1

Date Collected: 02/21/24 15:30

Matrix: Solid

Date Received: 02/22/24 09:30

Percent Solids: 76.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.5	0.038	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1221	ND		1.5	0.39	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1232	ND		1.5	0.15	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1242	4.0		1.5	0.16	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1248	ND		1.5	0.099	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1254	ND		1.5	0.093	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1260	ND		1.5	0.049	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
PCB-1268	ND		1.5	0.020	mg/Kg	☼	03/05/24 12:28	03/06/24 11:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>DCB Decachlorobiphenyl (Surr)</i>	72		10 - 149				03/05/24 12:28	03/06/24 11:34	10
<i>Tetrachloro-m-xylene</i>	72		10 - 147				03/05/24 12:28	03/06/24 11:34	10

Surrogate Summary

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

Job ID: 240-199809-1

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 (10-149)	TCX1 (10-147)
240-199809-1	ZDSF-022124-001	72	72
LCS 310-415203/2-A	Lab Control Sample	84	102
MB 310-415203/1-A	Method Blank	88	103

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	DCB1	TCX1
LCS D 310-415315/3-A	Lab Control Sample Dup		

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	DCB1 (11-122)	TCX1 (23-123)
240-199809-1	ZDSF-022124-001	65	66
LB 310-415214/1-C	Method Blank	85	62
LCS 310-415214/2-C	Lab Control Sample	60	52

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: 240-199809-1

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

Lab Sample ID: MB 310-415203/1-A
Matrix: Solid
Analysis Batch: 415271

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 415203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.024	0.00063	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1221	ND		0.024	0.0065	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1232	ND		0.024	0.0024	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1242	ND		0.024	0.0026	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1248	ND		0.024	0.0016	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1254	ND		0.024	0.0015	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1260	ND		0.024	0.00082	mg/Kg		03/05/24 12:28	03/06/24 11:08	1
PCB-1268	ND		0.024	0.00034	mg/Kg		03/05/24 12:28	03/06/24 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		10 - 149	03/05/24 12:28	03/06/24 11:08	1
Tetrachloro-m-xylene	103		10 - 147	03/05/24 12:28	03/06/24 11:08	1

Lab Sample ID: LCS 310-415203/2-A
Matrix: Solid
Analysis Batch: 415271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 415203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.198	0.160		mg/Kg		81	33 - 129
PCB-1260	0.198	0.165		mg/Kg		83	39 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	84		10 - 149
Tetrachloro-m-xylene	102		10 - 147

Lab Sample ID: LCSD 310-415315/3-A
Matrix: Solid
Analysis Batch: 415276

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 415315

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	12.5	10.1		ug/L					
PCB-1260	12.5	12.3		ug/L					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)			
Tetrachloro-m-xylene			

Lab Sample ID: LB 310-415214/1-C
Matrix: Solid
Analysis Batch: 415276

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 415315

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 16:14	1
PCB-1221	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 16:14	1
PCB-1232	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 16:14	1
PCB-1242	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 16:14	1
PCB-1248	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 16:14	1
PCB-1254	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 16:14	1

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QC Sample Results

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

Job ID: 240-199809-1

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

Lab Sample ID: LB 310-415214/1-C
Matrix: Solid
Analysis Batch: 415276

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 415315

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1260	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 16:14	1
PCB-1268	ND		4.0	1.1	ug/L		03/06/24 10:50	03/06/24 16:14	1
Polychlorinated biphenyls, Total	ND		4.0	1.3	ug/L		03/06/24 10:50	03/06/24 16:14	1

Surrogate	LB	LB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl (Surr)	85		11 - 122	03/06/24 10:50	03/06/24 16:14	1
Tetrachloro-m-xylene	62		23 - 123	03/06/24 10:50	03/06/24 16:14	1

Lab Sample ID: LCS 310-415214/2-C
Matrix: Solid
Analysis Batch: 415276

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 415315

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
PCB-1016	12.5	9.77		ug/L		78		30 - 133
PCB-1260	12.5	10.5		ug/L		84		31 - 133

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl (Surr)	60		11 - 122
Tetrachloro-m-xylene	52		23 - 123

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 310-415213/1-B
Matrix: Solid
Analysis Batch: 415416

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 415291

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		0.10	0.030	mg/L		03/06/24 09:30	03/06/24 16:22	1
Barium	ND		0.20	0.040	mg/L		03/06/24 09:30	03/06/24 16:22	1
Cadmium	ND		0.020	0.0039	mg/L		03/06/24 09:30	03/06/24 16:22	1
Chromium	ND		0.020	0.0060	mg/L		03/06/24 09:30	03/06/24 16:22	1
Lead	ND		0.10	0.026	mg/L		03/06/24 09:30	03/06/24 16:22	1
Selenium	ND		0.10	0.029	mg/L		03/06/24 09:30	03/06/24 16:22	1
Silver	ND		0.050	0.014	mg/L		03/06/24 09:30	03/06/24 16:22	1

Lab Sample ID: LCS 310-415213/2-B
Matrix: Solid
Analysis Batch: 415416

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 415291

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Arsenic	4.00	4.01		mg/L		100		80 - 120
Barium	2.00	2.08		mg/L		104		80 - 120
Cadmium	2.00	1.89		mg/L		94		80 - 120
Chromium	2.00	1.93		mg/L		97		80 - 120
Lead	4.00	3.75		mg/L		94		80 - 120
Selenium	8.00	8.01		mg/L		100		80 - 120
Silver	2.00	2.00		mg/L		100		80 - 120

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QC Sample Results

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

Job ID: 240-199809-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 310-415213/1-C
Matrix: Solid
Analysis Batch: 415424

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 415329

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0015	mg/L		03/06/24 12:35	03/07/24 09:36	1

Lab Sample ID: LCS 310-415213/2-C
Matrix: Solid
Analysis Batch: 415424

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 415329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0167	0.0171		mg/L		102	80 - 120

Lab Sample ID: 240-199809-1 MS
Matrix: Solid
Analysis Batch: 415424

Client Sample ID: ZDSF-022124-001
Prep Type: TCLP
Prep Batch: 415329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.0167	0.0170		mg/L		102	80 - 120

QC Association Summary

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

Job ID: 240-199809-1

GC Semi VOA

Prep Batch: 415203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	Total/NA	Solid	3550B	
MB 310-415203/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 310-415203/2-A	Lab Control Sample	Total/NA	Solid	3550B	

Leach Batch: 415214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	1311	
LB 310-415214/1-C	Method Blank	TCLP	Solid	1311	
LCS 310-415214/2-C	Lab Control Sample	TCLP	Solid	1311	

Analysis Batch: 415271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	Total/NA	Solid	8082A	415203
MB 310-415203/1-A	Method Blank	Total/NA	Solid	8082A	415203
LCS 310-415203/2-A	Lab Control Sample	Total/NA	Solid	8082A	415203

Analysis Batch: 415276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	8082A	415315
LB 310-415214/1-C	Method Blank	TCLP	Solid	8082A	415315
LCS 310-415214/2-C	Lab Control Sample	TCLP	Solid	8082A	415315
LCSD 310-415315/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	415315

Prep Batch: 415315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	3510C	415214
LB 310-415214/1-C	Method Blank	TCLP	Solid	3510C	415214
LCS 310-415214/2-C	Lab Control Sample	TCLP	Solid	3510C	415214
LCSD 310-415315/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	

Analysis Batch: 415461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	Total/NA	Solid	PCB	

Metals

Leach Batch: 415213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	1311	
LB 310-415213/1-B	Method Blank	TCLP	Solid	1311	
LB 310-415213/1-C	Method Blank	TCLP	Solid	1311	
LCS 310-415213/2-B	Lab Control Sample	TCLP	Solid	1311	
LCS 310-415213/2-C	Lab Control Sample	TCLP	Solid	1311	
240-199809-1 MS	ZDSF-022124-001	TCLP	Solid	1311	

Prep Batch: 415291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	3010A	415213
LB 310-415213/1-B	Method Blank	TCLP	Solid	3010A	415213
LCS 310-415213/2-B	Lab Control Sample	TCLP	Solid	3010A	415213

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QC Association Summary

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

Job ID: 240-199809-1

Metals

Prep Batch: 415329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	7470A	415213
LB 310-415213/1-C	Method Blank	TCLP	Solid	7470A	415213
LCS 310-415213/2-C	Lab Control Sample	TCLP	Solid	7470A	415213
240-199809-1 MS	ZDSF-022124-001	TCLP	Solid	7470A	415213

Analysis Batch: 415416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	6010D	415291
LB 310-415213/1-B	Method Blank	TCLP	Solid	6010D	415291
LCS 310-415213/2-B	Lab Control Sample	TCLP	Solid	6010D	415291

Analysis Batch: 415424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	TCLP	Solid	7470A	415329
LB 310-415213/1-C	Method Blank	TCLP	Solid	7470A	415329
LCS 310-415213/2-C	Lab Control Sample	TCLP	Solid	7470A	415329
240-199809-1 MS	ZDSF-022124-001	TCLP	Solid	7470A	415329

General Chemistry

Analysis Batch: 414441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	Total/NA	Solid	Moisture	

Analysis Batch: 414658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-199809-1	ZDSF-022124-001	Total/NA	Solid	D92	

Lab Chronicle

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

Job ID: 240-199809-1

Client Sample ID: ZDSF-022124-001

Lab Sample ID: 240-199809-1

Date Collected: 02/21/24 15:30

Matrix: Solid

Date Received: 02/22/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			415214	HSP8	EET CF	03/05/24 15:00 - 03/06/24 07:00 ¹
TCLP	Prep	3510C			415315	C3AA	EET CF	03/06/24 10:50
TCLP	Analysis	8082A		1	415276	BW2O	EET CF	03/06/24 17:03
Total/NA	Analysis	PCB		1	415461	D2YP	EET CF	03/06/24 11:34
TCLP	Leach	1311			415213	HSP8	EET CF	03/05/24 15:00 - 03/06/27 07:00 ¹
TCLP	Prep	3010A			415291	QTZ5	EET CF	03/06/24 09:30
TCLP	Analysis	6010D		2	415416	ZRI4	EET CF	03/07/24 09:24
TCLP	Leach	1311			415213	HSP8	EET CF	03/05/24 15:00 - 03/06/27 07:00 ¹
TCLP	Prep	7470A			415329	NFT2	EET CF	03/06/24 12:35
TCLP	Analysis	7470A		1	415424	NFT2	EET CF	03/07/24 09:40
Total/NA	Analysis	D92		1	414658	WZC8	EET CF	02/27/24 16:38
Total/NA	Analysis	Moisture		1	414441	A3GU	EET CF	02/24/24 10:54

Client Sample ID: ZDSF-022124-001

Lab Sample ID: 240-199809-1

Date Collected: 02/21/24 15:30

Matrix: Solid

Date Received: 02/22/24 09:30

Percent Solids: 76.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550B			415203	YU9M	EET CF	03/05/24 12:28
Total/NA	Analysis	8082A		10	415271	BW2O	EET CF	03/06/24 11:34

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: 240-199809-1

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	3510C	Solid	PCB-1268
8082A	3510C	Solid	Polychlorinated biphenyls, Total
8082A	3550B	Solid	PCB-1268
D92		Solid	Flashpoint
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
PCB		Solid	Total PCBs



Eurofins Cleveland

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

Chain of Custody Record

3.2
2.3



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:			Analysis Requested				Job #:
Address: 23210 Greater Mack Ave #174			Due Date Requested:			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Total Number of Containers </div> </div> <p style="text-align: center; font-size: small;"> W=Water, S=solid, O=waste/oil, BT=Tissue, A=Air 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) </p>				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
City: St Clair Shores			TAT Requested (days):							
State, Zip: Michigan 48080			Compliance Project: Δ Yes Δ No							
Phone: 248-227-5171			PO #: 1217-01 1217-01							
Email: cring@cifassociates.com			WO #:							
Project Name: Alter ZD			Project #:							
Site: Davenport, Iowa			SSOW#:							
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)			Special Instructions/Note:
ZDSF-022124-001		2-21-24	3:30	C	S	X	X			
↓ -001 Dup		↓	↓	↓	↓					Ho/c
<p>240-199809 Chain of Custody</p>										
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements: Needs Lower certification				
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:			
Relinquished by: Charles Ring		Date/Time: 2-21-24 4:45		Company: CJF		Received by: J. Moore		Date/Time: 02/22/24 09:30		Company: BEINC
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:
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:						

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

Eurofins - Cleveland Sample Receipt Form/Narrative
Barberton Facility

Login # : _____

Client CF

Site Name _____

Cooler unpacked by: J. meadows

Cooler Received on 02/22/24

Opened on 02/22/24

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

Receipt After-hours: Drop off Date/Time _____

Storage Location _____

Eurofins Cooler # FC 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 1100 °C) Observed Cooler Temp. 2.3 °C Corrected Cooler Temp. 2.3 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____

-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 NA

-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)? Yes No

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 there 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# HC316719

14. Were VOAs on the COC? Yes No NA

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 NA

17. Was a LL Hg or Me Hg trip blank present? Yes No NA

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: _____

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



Environment Testing
America



240-199809 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Canton</u>			
City/State:	CITY	STATE	Project:
		<u>OH</u>	
Receipt Information			
Date/Time Received:	DATE	TIME	Received By:
	<u>2/23/24</u>	<u>0920</u>	<u>[Signature]</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: _____	
Multiple Coolers?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____	
Cooler Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant:	<input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE		
Thermometer ID:	<u>T</u>	Correction Factor (°C) <u>+0.0</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(s) used:	CONTAINER 1	CONTAINER 2	
	<u>Soil jar 16oz</u>		
Uncorrected Temp (°C):	<u>5.3</u>		
Corrected Temp (°C):	<u>5.3</u>		
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No			
a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE. If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler: Heckler, Denise D		Carrier Tracking No(s): 240-180997 1	
Client Contact: Shipping/Receiving		Phone: Denise Heckler@et.eurofins.com		Page: Page 1 of 1	
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State - Iowa		Job #: 240-199809-1	
Address: 3019 Venture Way,		Due Date Requested: 3/6/2024		Preservation Codes:	
City: Cedar Falls		TAT Requested (days):		A - HCL M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
State, Zip: IA, 50613		PO #:		Analysis Requested:	
Phone: 319-277-2401(Tel) 319-277-2425(Fax)		WO #:		8082A/3550B_PCB_1YR PCBs 6010D/1311T_M TCLP Metals Total_PCB/Total PCBs 8082A/1311_T TCLP PCB D92/ Flashpoint 7470A/1311T_Hg Mercury TCLP Moisture/ Percent Moisture Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No)	
Email:		Project #:		Total Number of Containers	
Project Name: Alter Davenport, 1217-01		24013819		5	
Site:		SSOW#:		5	
Sample Identification - Client ID (Lab ID)		Sample Date		Special Instructions/Note:	
ZDSF-022124-001 (240-199809-1)	Sample Time: 15:30 Central	2/21/24	Matrix (Newer, Small, On-Station)		
ZDSF-022124-001 DUP (240-199809-2)	Sample Time: 15:30 Central	2/21/24	Preservation Code		
<p>Note: Since laboratory accreditations are subject to change Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing North Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately if all requested accreditations are current to date, return the signed Chain of Custody attesting to Eurofins Environment Testing North Central LLC.</p>					
<p>Possible Hazard Identification <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:</p>					
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		Method of Shipment:	
Relinquished by: <i>Robert S. Hancock</i>		Date/Time: 2/22/24 12:45 PM		Company: _____	
Relinquished by: _____		Date/Time: _____		Company: _____	
Relinquished by: _____		Date/Time: _____		Company: _____	
Custody Seals Intact: _____		Custody Seal No: _____		Cooler Temperature(s) °C and Other Remarks: _____	



Login Sample Receipt Checklist

Client: CJF Associates, LLC

Job Number: 240-199809-1

Login Number: 199809

List Number: 2

Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

List Creation: 02/23/24 10:58 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	

