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May 27, 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 – Mason City, Iowa
2nd Quarter 2025

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

Summary

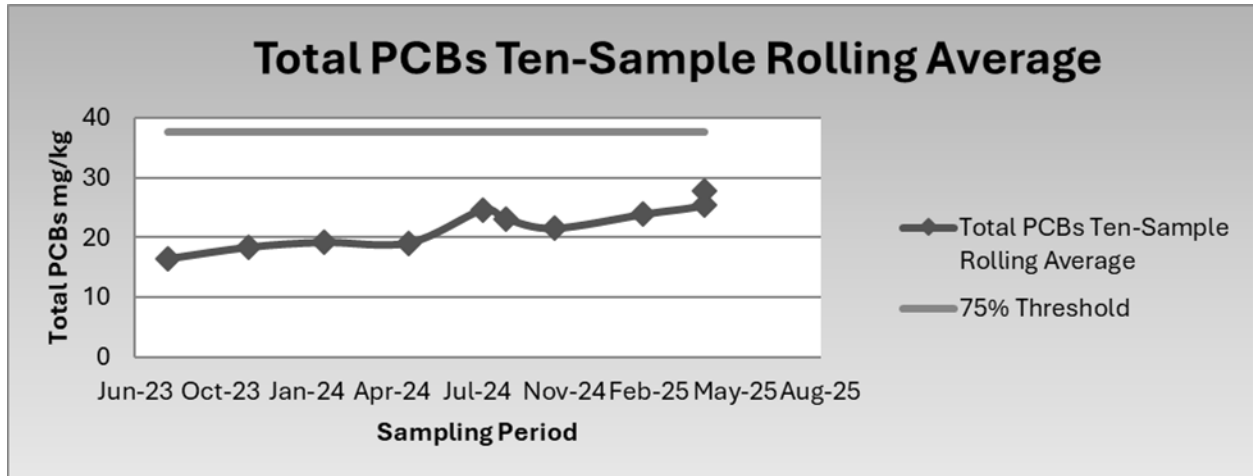
- PCB concentration this quarter: 36 mg/kg;
- Ten-Sample Rolling PCB Average: 27.74 mg/kg;
- PCB TCLP result this quarter is non-detect; and
- All TCLP metal results are below regulatory criteria.

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 PCBs results for the sampling period totaled 36 mg/kg. TCLP PCBs were not detected above the laboratory reporting limit. Barium and cadmium were the only RCRA metals identified above the laboratory reporting limits. Lead was not identified above the reporting limit concentration of 0.4 mg/L which does not exceed the regulatory TCLP concentration of 5.0 mg/L. The present ten-sample rolling average for PCBs is 27.74 mg/kg. Rolling averages of the ten-sampling period results for total PCBs are presented below:



Initially one sample was analyzed for total PCBs. The sample, MCSF-041725-003, was identified with an elevated concentration at 64 mg/kg. This concentration is not consistent with historical data (previous ten-sample rolling average concentration of 23.84 mg/kg PCBs). The duplicate sample of MCSF-041725-003 was then analyzed for total PCBs and a result of 36 mg/kg PCBs was identified. Therefore, the concentration of 64 mg/kg was determined to be an anomaly and not representative of the fluff.

Second quarter analytical results are summarized as follows:

Sample ID	Analyte										
	Total PCBs ¹	TCLP PCBs	TCLP Arsenic	TCLP Barium	TCLP Cad	TCLP Chrom	TCLP Lead	TCLP Sel	TCLP Silver	TCLP Mercury	Ignitability ²
MCSF-041725-003	64	ND	ND	0.75	0.10	ND	ND	ND	ND	ND	>202
MCSF-041725-003 DUP	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes

TCLP Metal results are reported in mg/L ND = Not Detected Above Laboratory Detection Limits

TCLP PCB results are reported in ug/L NA = Not Analyzed

(1) Results reported in mg/kg

(2) Results reported in Degrees F

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



May 27, 2025

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

Sincerely,
CJF Associates, LLC

A handwritten signature in black ink that reads "Frank W. Ring". The signature is fluid and cursive, with a large, circular flourish at the end of the last name.

Frank W. Ring, P.E.

Encl.

CC: Christopher Berray, Alter
Ryan Carpenter, Alter
Bill Rowland, Landfill of Iowa North

ATTACHMENT A

LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Alter Mason City, 1218-01

JOB NUMBER

240-222636-1

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



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Authorized for release by
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Definitions/Glossary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.

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.
☼	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 Mason City, 1218-01

Job ID: 240-222636-1

Job ID: 240-222636-1

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Job Narrative 240-222636-1

Receipt

The samples were received on 4/18/2025 9:10 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 time was 4.7°C.

PCBs

Method 8082A: The following sample was diluted due to the nature of the sample matrix: MCSF-041725-003 (240-222636-1). Elevated reporting limits (RLs) are provided.

Method 8082A - TCLP: Surrogate compounds were inadvertently omitted during the extraction process for the following QC: (LCS 310-453384/11-A), (240-222634-C-1-F MS) and (240-222634-C-1-G MSD) due to analyst error. The blank and samples all contained surrogate and passed recovery limits.

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 Mason City, 1218-01

Job ID: 240-222636-1

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 Mason City, 1218-01

Job ID: 240-222636-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-222636-1	MCSF-041725-003	Solid	04/17/25 14:00	04/18/25 09:10

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

Detection Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

Client Sample ID: MCSF-041725-003

Lab Sample ID: 240-222636-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1242	64		1.4	0.92	mg/Kg	2		✱	8082A	Total/NA
Total PCBs	64		1.4	0.92	mg/Kg	1			PCB	Total/NA
Barium	0.75	J	0.80	0.16	mg/L	4			6010D	TCLP
Cadmium	0.10		0.080	0.016	mg/L	4			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 Mason City, 1218-01

Job ID: 240-222636-1

Client Sample ID: MCSF-041725-003

Lab Sample ID: 240-222636-1

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

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	0.77	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1221	ND		1.9	0.77	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1232	ND		1.9	0.77	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1242	ND		1.9	0.77	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1248	ND		1.9	0.65	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1254	ND		1.9	0.65	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1260	ND		1.9	0.65	ug/L		05/01/25 12:27	05/03/25 20:00	1
PCB-1268	ND		1.9	0.65	ug/L		05/01/25 12:27	05/03/25 20:00	1
Polychlorinated biphenyls, Total	ND		1.9	0.77	ug/L		05/01/25 12:27	05/03/25 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	53		11 - 122	05/01/25 12:27	05/03/25 20:00	1
Tetrachloro-m-xylene	50		23 - 123	05/01/25 12:27	05/03/25 20:00	1

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total PCBs	64		1.4	0.92	mg/Kg			04/24/25 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.40	0.12	mg/L		04/25/25 09:00	04/28/25 10:47	4
Barium	0.75	J	0.80	0.16	mg/L		04/25/25 09:00	04/28/25 10:47	4
Cadmium	0.10		0.080	0.016	mg/L		04/25/25 09:00	04/28/25 10:47	4
Chromium	ND		0.080	0.024	mg/L		04/25/25 09:00	04/28/25 10:47	4
Lead	ND		0.40	0.15	mg/L		04/25/25 09:00	04/28/25 10:47	4
Selenium	ND		0.40	0.12	mg/L		04/25/25 09:00	04/28/25 10:47	4
Silver	ND		0.20	0.064	mg/L		04/25/25 09:00	04/28/25 10:47	4

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		04/25/25 11:35	04/28/25 10:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint (ASTM D92)	>202		65.0	65.0	Degrees F			05/01/25 16:04	1
Percent Moisture (EPA Moisture)	12.8		0.1	0.1	%			04/21/25 09:59	1
Percent Solids (EPA Moisture)	87.2		0.1	0.1	%			04/21/25 09:59	1

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Client Sample Results

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

Client Sample ID: MCSF-041725-003

Lab Sample ID: 240-222636-1

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.72	0.46	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
PCB-1221	ND		0.72	0.46	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
PCB-1232	ND		0.72	0.46	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
PCB-1242	64		1.4	0.92	mg/Kg	✱	04/23/25 08:13	04/24/25 15:07	2
PCB-1248	ND		0.72	0.62	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
PCB-1254	ND		0.72	0.62	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
PCB-1260	ND		0.72	0.62	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
PCB-1268	ND		0.72	0.62	mg/Kg	✱	04/23/25 08:13	04/23/25 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	102		10 - 150				04/23/25 08:13	04/23/25 20:12	1
Tetrachloro-m-xylene	79		12 - 127				04/23/25 08:13	04/23/25 20:12	1

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Surrogate Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

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	DCB2 (10-150)	TCX2 (12-127)
240-222636-1	MCSF-041725-003	102	79
LCS 310-452403/2-A	Lab Control Sample	91	97
MB 310-452403/1-A	Method Blank	93	96
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 (11-122)	TCX1 (23-123)
LCS 310-453384/11-A	Lab Control Sample	2 S1-	0.3 p S1-
MB 310-453384/1-A	Method Blank	56	49
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)
240-222636-1	MCSF-041725-003	53	50
LB 310-452494/1-E	Method Blank	64	56
Surrogate Legend			
DCB = DCB Decachlorobiphenyl (Surr)			
TCX = Tetrachloro-m-xylene			

QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

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

Lab Sample ID: MB 310-452403/1-A

Matrix: Solid

Analysis Batch: 452485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 452403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.049	0.031	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1221	ND		0.049	0.031	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1232	ND		0.049	0.031	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1242	ND		0.049	0.031	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1248	ND		0.049	0.042	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1254	ND		0.049	0.042	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1260	ND		0.049	0.042	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
PCB-1268	ND		0.049	0.042	mg/Kg		04/23/25 08:13	04/23/25 19:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		10 - 150				04/23/25 08:13	04/23/25 19:08	1
Tetrachloro-m-xylene	96		12 - 127				04/23/25 08:13	04/23/25 19:08	1

Lab Sample ID: LCS 310-452403/2-A

Matrix: Solid

Analysis Batch: 452485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 452403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.329	0.282		mg/Kg		86	35 - 128
PCB-1260	0.329	0.291		mg/Kg		89	38 - 128
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr)	91		10 - 150				
Tetrachloro-m-xylene	97		12 - 127				

Lab Sample ID: MB 310-453384/1-A

Matrix: Solid

Analysis Batch: 453585

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 453384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.0	0.81	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1221	ND		2.0	0.81	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1232	ND		2.0	0.81	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1242	ND		2.0	0.81	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1248	ND		2.0	0.68	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1254	ND		2.0	0.68	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1260	ND		2.0	0.68	ug/L		05/01/25 12:27	05/03/25 16:45	1
PCB-1268	ND		2.0	0.68	ug/L		05/01/25 12:27	05/03/25 16:45	1
Polychlorinated biphenyls, Total	ND		2.0	0.81	ug/L		05/01/25 12:27	05/03/25 16:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	56		11 - 122				05/01/25 12:27	05/03/25 16:45	1
Tetrachloro-m-xylene	49		23 - 123				05/01/25 12:27	05/03/25 16:45	1

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QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

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

Lab Sample ID: LCS 310-453384/11-A
Matrix: Solid
Analysis Batch: 453585

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 453384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	28.1	23.1		ug/L		82	30 - 133
PCB-1260	28.1	24.4		ug/L		87	31 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	2	S1-	11 - 122
Tetrachloro-m-xylene	0.3	p S1-	23 - 123

Lab Sample ID: LB 310-452494/1-E
Matrix: Solid
Analysis Batch: 453585

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 453384

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.9	0.80	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1221	ND		1.9	0.80	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1232	ND		1.9	0.80	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1242	ND		1.9	0.80	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1248	ND		1.9	0.67	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1254	ND		1.9	0.67	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1260	ND		1.9	0.67	ug/L		05/01/25 12:27	05/03/25 18:55	1
PCB-1268	ND		1.9	0.67	ug/L		05/01/25 12:27	05/03/25 18:55	1
Polychlorinated biphenyls, Total	ND		1.9	0.80	ug/L		05/01/25 12:27	05/03/25 18:55	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	64		11 - 122	05/01/25 12:27	05/03/25 18:55	1
Tetrachloro-m-xylene	56		23 - 123	05/01/25 12:27	05/03/25 18:55	1

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 310-452494/1-B
Matrix: Solid
Analysis Batch: 452909

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 452571

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.10	0.030	mg/L		04/25/25 09:00	04/28/25 10:02	1
Barium	ND		0.20	0.040	mg/L		04/25/25 09:00	04/28/25 10:02	1
Cadmium	ND		0.020	0.0039	mg/L		04/25/25 09:00	04/28/25 10:02	1
Chromium	ND		0.020	0.0060	mg/L		04/25/25 09:00	04/28/25 10:02	1
Lead	ND		0.10	0.037	mg/L		04/25/25 09:00	04/28/25 10:02	1
Selenium	ND		0.10	0.029	mg/L		04/25/25 09:00	04/28/25 10:02	1
Silver	ND		0.050	0.016	mg/L		04/25/25 09:00	04/28/25 10:02	1

Lab Sample ID: LCS 310-452494/2-B
Matrix: Solid
Analysis Batch: 452909

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 452571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	4.00	4.28		mg/L		107	80 - 120
Barium	2.00	1.98		mg/L		99	80 - 120

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QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 310-452494/2-B

Matrix: Solid

Analysis Batch: 452909

Client Sample ID: Lab Control Sample

Prep Type: TCLP

Prep Batch: 452571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	2.00	1.94		mg/L		97	80 - 120
Chromium	2.00	1.92		mg/L		96	80 - 120
Lead	4.00	3.86		mg/L		96	80 - 120
Selenium	8.00	8.44		mg/L		105	80 - 120
Silver	2.00	1.99		mg/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 310-452494/1-D

Matrix: Solid

Analysis Batch: 452881

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 452698

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0012	mg/L		04/25/25 11:35	04/28/25 10:31	1

Lab Sample ID: LCS 310-452494/2-C

Matrix: Solid

Analysis Batch: 452881

Client Sample ID: Lab Control Sample

Prep Type: TCLP

Prep Batch: 452698

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0167	0.0172		mg/L		103	80 - 120

QC Association Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

GC Semi VOA

Prep Batch: 452403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	Total/NA	Solid	3546	
MB 310-452403/1-A	Method Blank	Total/NA	Solid	3546	
LCS 310-452403/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 452485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	Total/NA	Solid	8082A	452403
MB 310-452403/1-A	Method Blank	Total/NA	Solid	8082A	452403
LCS 310-452403/2-A	Lab Control Sample	Total/NA	Solid	8082A	452403

Leach Batch: 452494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	1311	
LB 310-452494/1-E	Method Blank	TCLP	Solid	1311	

Analysis Batch: 452575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	Total/NA	Solid	8082A	452403

Prep Batch: 453384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	3511	452494
LB 310-452494/1-E	Method Blank	TCLP	Solid	3511	452494
MB 310-453384/1-A	Method Blank	Total/NA	Solid	3511	
LCS 310-453384/11-A	Lab Control Sample	Total/NA	Solid	3511	

Analysis Batch: 453439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	Total/NA	Solid	PCB	

Analysis Batch: 453585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	8082A	453384
LB 310-452494/1-E	Method Blank	TCLP	Solid	8082A	453384
MB 310-453384/1-A	Method Blank	Total/NA	Solid	8082A	453384
LCS 310-453384/11-A	Lab Control Sample	Total/NA	Solid	8082A	453384

Metals

Leach Batch: 452494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	1311	
LB 310-452494/1-B	Method Blank	TCLP	Solid	1311	
LB 310-452494/1-D	Method Blank	TCLP	Solid	1311	
LCS 310-452494/2-B	Lab Control Sample	TCLP	Solid	1311	
LCS 310-452494/2-C	Lab Control Sample	TCLP	Solid	1311	

Prep Batch: 452571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	3010A	452494
LB 310-452494/1-B	Method Blank	TCLP	Solid	3010A	452494

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QC Association Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

Metals (Continued)

Prep Batch: 452571 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-452494/2-B	Lab Control Sample	TCLP	Solid	3010A	452494

Prep Batch: 452698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	7470A	452494
LB 310-452494/1-D	Method Blank	TCLP	Solid	7470A	452494
LCS 310-452494/2-C	Lab Control Sample	TCLP	Solid	7470A	452494

Analysis Batch: 452881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	7470A	452698
LB 310-452494/1-D	Method Blank	TCLP	Solid	7470A	452698
LCS 310-452494/2-C	Lab Control Sample	TCLP	Solid	7470A	452698

Analysis Batch: 452909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	TCLP	Solid	6010D	452571
LB 310-452494/1-B	Method Blank	TCLP	Solid	6010D	452571
LCS 310-452494/2-B	Lab Control Sample	TCLP	Solid	6010D	452571

General Chemistry

Analysis Batch: 452163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	Total/NA	Solid	Moisture	

Analysis Batch: 453445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-1	MCSF-041725-003	Total/NA	Solid	D92	

Lab Chronicle

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-1

Client Sample ID: MCSF-041725-003

Lab Sample ID: 240-222636-1

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			452494	U8FK	EET CF	04/23/25 15:00 - 04/24/25 07:00 ¹
TCLP	Prep	3511			453384	BW2O	EET CF	05/01/25 12:27
TCLP	Analysis	8082A		1	453585	BW2O	EET CF	05/03/25 20:00
Total/NA	Analysis	PCB		1	453439	BW2O	EET CF	04/24/25 15:07
TCLP	Leach	1311			452494	U8FK	EET CF	04/23/25 15:00 - 04/24/25 07:00 ¹
TCLP	Prep	3010A			452571	QTZ5	EET CF	04/25/25 09:00
TCLP	Analysis	6010D		4	452909	ZRI4	EET CF	04/28/25 10:47
TCLP	Leach	1311			452494	U8FK	EET CF	04/23/25 15:00 - 04/24/25 07:00 ¹
TCLP	Prep	7470A			452698	QTZ5	EET CF	04/25/25 11:35
TCLP	Analysis	7470A		1	452881	F5MW	EET CF	04/28/25 10:44
Total/NA	Analysis	D92		1	453445	ENB7	EET CF	05/01/25 16:04
Total/NA	Analysis	Moisture		1	452163	W9YR	EET CF	04/21/25 09:59

Client Sample ID: MCSF-041725-003

Lab Sample ID: 240-222636-1

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			452403	BDJ4	EET CF	04/23/25 08:13
Total/NA	Analysis	8082A		1	452485	BW2O	EET CF	04/23/25 20:12
Total/NA	Prep	3546			452403	BDJ4	EET CF	04/23/25 08:13
Total/NA	Analysis	8082A		2	452575	BW2O	EET CF	04/24/25 15:07

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 Mason City, 1218-01

Job ID: 240-222636-1

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.

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~~4.8~~
4.7

240-222636 COC

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # _____	
Client <u>CSF</u>		Site Name _____	
Cooler Received on <u>4-18-25</u>		Opened on <u>4/18/25</u>	
FedEx: 1 st <u>Grd</u> Exp <u>2</u> UPS <u>FAS</u> Waypoint _____		Client Drop Off _____ Eurofins Courier _____ Other _____	
Receipt After-hours Drop-off Date/Time _____		Storage Location _____	
Eurofins Cooler # _____		Foam Box _____ Client Cooler _____ Box _____ Other _____ Packing material used <u>Bubble Wrap</u> Foam _____ Plastic Bag _____ None _____ Other _____	Cooler unpacked by: <u>MALISSA LOAR</u>

- 1 Cooler temperature upon receipt _____
 IR GUN # 18 (CF 01 °C) Observed Cooler Temp 4.8 °C Corrected Cooler Temp 4.7 °C

COOLANT Wet Ice
Blue Ice _____ Dry Ice _____ Water _____ None _____
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No No NA
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No No NA
 -Were tamper/custody seals intact and uncompromised? Yes No No NA
 3 Shippers' packing slip attached to the cooler(s)? Yes No No NA
 4 Did custody papers accompany the sample(s)? Yes No No NA
 5 Were the custody papers relinquished & signed in the appropriate place? Yes No No NA
 6 Was/were the person(s) who collected the samples clearly identified on the COC? Yes No No NA
 7 Did all bottles arrive in good condition (Unbroken)? Yes No No NA
 8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No No NA
 9 For each sample, does the COC specify preservatives (Yes) # of containers (Yes) and sample type of grab/comp (Yes)?
 10 Were correct bottle(s) used for the test(s) indicated? Yes No No NA
 11 Sufficient quantity received to perform indicated analyses? Yes No No NA
 12. Are these work share samples and all listed on the COC? Yes No No NA
 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 No NA pH Strip Lot# HC457151
 14 Were VOAs on the COC? Yes No No NA
 15 Were air bubbles >6 mm in any VOA vials? Yes No No NA
 16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No No NA
 17 Was a LL Hg or Me Hg trip blank present? Yes No No NA

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

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

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 _____

Temperature readings						
Client Sample ID	Lab ID	Container Type	Container		Preservation	Preservation
			pH	Temp	Added	Lot Number
MCSF-041725-003	240-222636-A-1	Soil jar 4oz - clear glass	_____	_____	_____	_____
MCSF-041725-003	240-222636-B-1	Soil jar 4oz - clear glass	_____	_____	_____	_____
MCSF-041725-003	240-222636-C-1	Soil jar 16oz - clear glass	_____	_____	_____	_____
MCSF-041725-003	240-222636-D-1	Soil jar 16oz - clear glass	_____	_____	_____	_____
MCSF-041725-003 DUP	240-222636-A-2	Soil jar 4oz - clear glass	_____	_____	_____	_____
MCSF-041725-003 DUP	240-222636 B-2	Soil jar 4oz - clear glass	_____	_____	_____	_____
MCSF-041725-003 DUP	240-222636-C-2	Soil jar 16oz - clear glass	_____	_____	_____	_____
MCSF-041725-003 DUP	240-222636-D-2	Soil jar 16oz - clear glass	_____	_____	_____	_____



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Euro Cleveland</u>			
City/State:	CITY	STATE	Project:
Receipt Information			
Date/Time Received:	DATE	TIME	Received By:
	<u>4.19.25</u>	<u>905</u>	<u>PH</u>
Delivery Type: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <u>Sat</u> <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?		If yes. Cooler ID:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Multiple Coolers?		If yes: Cooler # _____ of _____	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Cooler Custody Seals Present?		If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Sample Custody Seals Present?		If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Trip Blank Present?		If yes: Which VOA samples are in cooler? ↓	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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>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(s) used:	CONTAINER 1	CONTAINER 2	
	<u>Other</u>		
Uncorrected Temp (°C):	<u>1.1</u>		
Corrected Temp (°C):	<u>1.1</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			

Phone 330-497-9396 Fax: 330-497-0772

Ver. 10/10/2024

Login Sample Receipt Checklist

Client: CJF Associates, LLC

Job Number: 240-222636-1

Login Number: 222636

List Number: 2

Creator: Hirsch, Preston

List Source: Eurofins Cedar Falls

List Creation: 04/19/25 10:09 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/15/2025 12:20:40 PM

JOB DESCRIPTION

Alter Mason City, 1218-01

JOB NUMBER

240-222636-2

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



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

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Definitions/Glossary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

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 Mason City, 1218-01

Job ID: 240-222636-2

Job ID: 240-222636-2

Eurofins Cleveland

Job Narrative 240-222636-2

Comments

Total PCBs were requested by the client on May 5, 2025.

Receipt

The samples were received on 4/18/2025 9:10 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 4.7° C.

GC Semi VOA

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.

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Method Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
PCB	Total PCB Calculation	TAL SOP	EET CF
Moisture	Percent Moisture	EPA	EET CF
3546	Microwave Extraction	SW846	EET CF

Protocol References:

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 Mason City, 1218-01

Job ID: 240-222636-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-222636-2	MCSF-041725-003 DUP	Solid	04/17/25 14:00	04/18/25 09:10

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

Detection Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

Client Sample ID: MCSF-041725-003 DUP

Lab Sample ID: 240-222636-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	36		4.6	0.73	mg/Kg	2	✱	8082A	Total/NA
Total PCBs	36		4.6	0.73	mg/Kg	1		PCB	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample Results

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

Client Sample ID: MCSF-041725-003 DUP

Lab Sample ID: 240-222636-2

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.57	0.36	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
PCB-1221	ND		0.57	0.36	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
PCB-1232	ND		0.57	0.36	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
PCB-1242	36		4.6	0.73	mg/Kg	✱	05/06/25 11:02	05/12/25 11:20	2
PCB-1248	ND		0.57	0.49	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
PCB-1254	ND		0.57	0.49	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
PCB-1260	ND		0.57	0.49	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
PCB-1268	ND		0.57	0.49	mg/Kg	✱	05/06/25 11:02	05/07/25 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	82		10 - 150				05/06/25 11:02	05/07/25 18:18	1
Tetrachloro-m-xylene	86		12 - 127				05/06/25 11:02	05/07/25 18:18	1

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total PCBs	36		4.6	0.73	mg/Kg	—		05/12/25 11:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.4		0.1	0.1	%	—		05/12/25 09:46	1
Percent Solids (EPA Moisture)	87.6		0.1	0.1	%	—		05/12/25 09:46	1

Surrogate Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
		(10-150)	(12-127)
Lab Sample ID	Client Sample ID		
240-222636-2	MCSF-041725-003 DUP	82	86
LCS 310-453858/2-A	Lab Control Sample	87	97
MB 310-453858/1-A	Method Blank	75	82
Surrogate Legend			
DCB = DCB Decachlorobiphenyl (Surr)			
TCX = Tetrachloro-m-xylene			

QC Sample Results

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

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

Lab Sample ID: MB 310-453858/1-A
Matrix: Solid
Analysis Batch: 454031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 453858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.049	0.031	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1221	ND		0.049	0.031	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1232	ND		0.049	0.031	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1242	ND		0.049	0.031	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1248	ND		0.049	0.042	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1254	ND		0.049	0.042	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1260	ND		0.049	0.042	mg/Kg		05/06/25 11:02	05/07/25 17:13	1
PCB-1268	ND		0.049	0.042	mg/Kg		05/06/25 11:02	05/07/25 17:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		10 - 150	05/06/25 11:02	05/07/25 17:13	1
Tetrachloro-m-xylene	82		12 - 127	05/06/25 11:02	05/07/25 17:13	1

Lab Sample ID: LCS 310-453858/2-A
Matrix: Solid
Analysis Batch: 454031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 453858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	0.317	0.335		mg/Kg		106	35 - 128
PCB-1260	0.317	0.338		mg/Kg		106	38 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	87		10 - 150
Tetrachloro-m-xylene	97		12 - 127

Method: Moisture - Percent Moisture

Lab Sample ID: 240-222636-2 DU
Matrix: Solid
Analysis Batch: 454402

Client Sample ID: MCSF-041725-003 DUP
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	12.4		11.7		%		23	40
Percent Solids	87.6		88.3		%		4	16

QC Association Summary

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

GC Semi VOA

Prep Batch: 453858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-2	MCSF-041725-003 DUP	Total/NA	Solid	3546	
MB 310-453858/1-A	Method Blank	Total/NA	Solid	3546	
LCS 310-453858/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 454031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-2	MCSF-041725-003 DUP	Total/NA	Solid	8082A	453858
MB 310-453858/1-A	Method Blank	Total/NA	Solid	8082A	453858
LCS 310-453858/2-A	Lab Control Sample	Total/NA	Solid	8082A	453858

Analysis Batch: 454394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-2	MCSF-041725-003 DUP	Total/NA	Solid	8082A	453858

Analysis Batch: 454760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-2	MCSF-041725-003 DUP	Total/NA	Solid	PCB	

General Chemistry

Analysis Batch: 454402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-222636-2	MCSF-041725-003 DUP	Total/NA	Solid	Moisture	
240-222636-2 DU	MCSF-041725-003 DUP	Total/NA	Solid	Moisture	

Lab Chronicle

Client: CJF Associates, LLC
Project/Site: Alter Mason City, 1218-01

Job ID: 240-222636-2

Client Sample ID: MCSF-041725-003 DUP

Lab Sample ID: 240-222636-2

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	PCB		1	454760	D2YP	EET CF	05/12/25 11:20
Total/NA	Analysis	Moisture		1	454402	W9YR	EET CF	05/12/25 09:46

Client Sample ID: MCSF-041725-003 DUP

Lab Sample ID: 240-222636-2

Date Collected: 04/17/25 14:00

Matrix: Solid

Date Received: 04/18/25 09:10

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			453858	BDJ4	EET CF	05/06/25 11:02
Total/NA	Analysis	8082A		1	454031	BW2O	EET CF	05/07/25 18:18
Total/NA	Prep	3546			453858	BDJ4	EET CF	05/06/25 11:02
Total/NA	Analysis	8082A		2	454394	BW2O	EET CF	05/12/25 11:20

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 Mason City, 1218-01

Job ID: 240-222636-2

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.

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240-222636 COC

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # _____	
Client <u>CSF</u>		Site Name _____	
Cooler Received on <u>4-18-25</u>		Opened on <u>4/18/25</u>	
FedEx: 1 st <u>GA</u> Exp <u>2</u> UPS <u>FAS</u> Waypoint _____		Client Drop Off _____ Eurofins Courier _____ Other _____	
Receipt After-hours Drop-off Date/Time _____		Storage Location _____	
Eurofins Cooler # _____		Foam Box _____ Client Cooler _____ Box _____ Other _____ Packing material used <u>Bubble Wrap</u> Foam _____ Plastic Bag _____ None _____ Other _____	Cooler unpacked by: <u>MALISSA LOAR</u>
1 Cooler temperature upon receipt <input type="checkbox"/> See Multiple Cooler Form IR GUN # <u>18</u> (°F) <u>61</u> (°C) Observed Cooler Temp <u>4.8</u> °C Corrected Cooler Temp <u>4.7</u> °C			
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> -Were the seals on the outside of the cooler(s) signed & dated? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> -Were tamper/custody seals intact and uncompromised? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> 3 Shippers' packing slip attached to the cooler(s)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 4 Did custody papers accompany the sample(s)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 5 Were the custody papers relinquished & signed in the appropriate place? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 6 Was/were the person(s) who collected the samples clearly identified on the COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 7 Did all bottles arrive in good condition (Unbroken)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 9 For each sample, does the COC specify preservatives (<u>Yes</u>) # of containers (<u>2</u>) and sample type of grab/comp (<u>Yes</u>)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 10 Were correct bottle(s) used for the test(s) indicated? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 11 Sufficient quantity received to perform indicated analyses? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 12. Are these work share samples and all listed on the COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 <input checked="" type="checkbox"/> No <input type="checkbox"/> pH Strip Lot# HC457151 14 Were VOAs on the COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 15 Were air bubbles >6 mm in any VOA vials? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Larger than this 16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 17 Was a LL Hg or Me Hg trip blank present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____ Concerning _____			
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES <input type="checkbox"/> 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 _____			

Temperature readings

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> pH	<u>Preservation</u> Temp	<u>Added</u>	<u>Preservation</u> Lot Number
MCSF-041725-003	240-222636-A-1	Soil jar 4oz - clear glass				
MCSF-041725-003	240-222636-B-1	Soil jar 4oz - clear glass				
MCSF-041725-003	240-222636-C-1	Soil jar 16oz - clear glass				
MCSF-041725-003	240-222636-D-1	Soil jar 16oz - clear glass				
MCSF-041725-003 DUP	240-222636-A-2	Soil jar 4oz - clear glass				
MCSF-041725-003 DUP	240-222636 B-2	Soil jar 4oz - clear glass				
MCSF-041725-003 DUP	240-222636-C-2	Soil jar 16oz - clear glass				
MCSF-041725-003 DUP	240-222636-D-2	Soil jar 16oz - clear glass				

Login Sample Receipt Checklist

Client: CJF Associates, LLC

Job Number: 240-222636-2

Login Number: 222636

List Number: 2

Creator: Hirsch, Preston

List Source: Eurofins Cedar Falls

List Creation: 04/19/25 10:09 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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