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March 18, 2021

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 2021 - March 2021

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

Summary

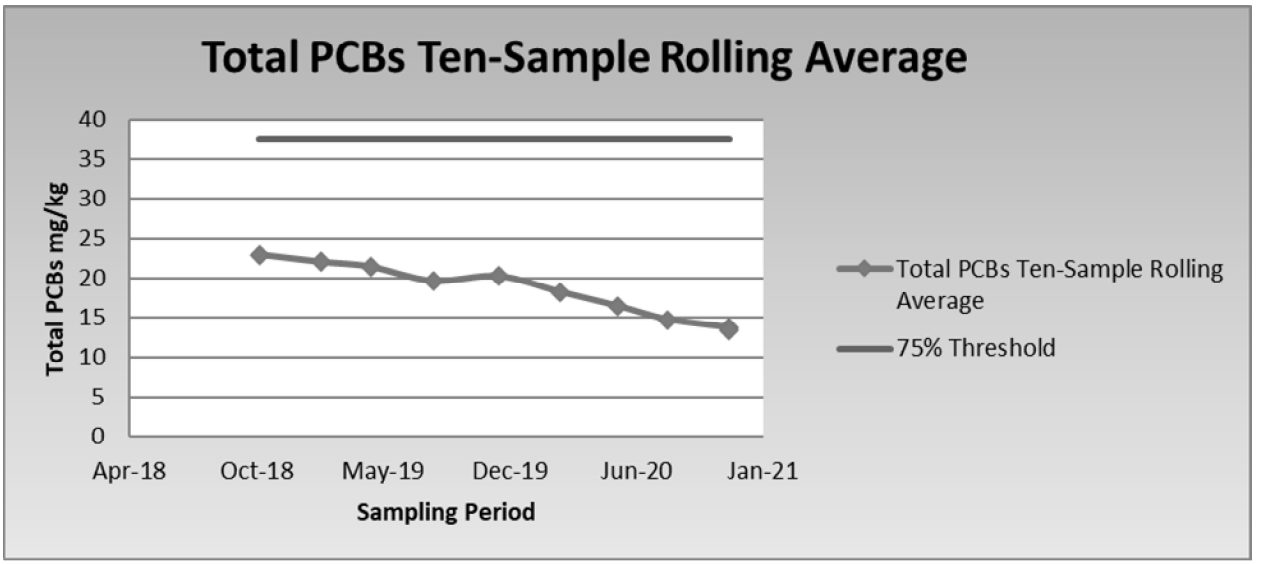
- PCB concentration this quarter: 11 mg/kg;
- Ten-Sample Rolling PCB Average: 13.39 mg/kg;
- PCB TCLP result this quarter is non-detect; and
- All TCLP metal results are below regulatory criteria.

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 4, 2021 through January 12, 2021 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 11 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. The detected concentration for lead at 3.6 mg/L does not exceed the regulatory TCLP concentration of 5.0 mg/L. The present ten-sample rolling average for PCBs is 13.39 mg/kg. Rolling averages of the ten-sampling period results for total PCBs are presented below:



First quarter analytical results are summarized as follows:

	Analyte										
Sample ID	Total PCBs[1]	TCLP PCBs	TCLP Arsenic	TCLP Barium	TCLP Cad	TCLP Chrom	TCLP Lead	TCLP Sel	TCLP Silver	TCLP Mercury	Ignitability[2]
ZDSF-012821-002	11	ND	ND	0.91	0.16	ND	3.6	ND	ND	ND	>215

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
Spencer Brothersen, Waste Commission of Scott County

ATTACHMENT A

LABORATORY ANALYTICAL RESULTS

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-144217-1
Client Project/Site: Davenport, 1217-01

For:
CJF Associates, LLC
PO BOX 80815
St. Claire Shores, Michigan 48080

Attn: Charles Ring

Denise D Heckler

Authorized for release by:
2/22/2021 1:12:37 PM

Denise Heckler, Project Manager II
(330)966-9477
Denise.Heckler@Eurofinset.com

Table of Contents

Definitions/Glossary

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

Job ID: 240-144217-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high 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

Job ID: 240-144217-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

Job Narrative
240-144217-1

Comments
No additional comments.

Receipt
The samples were received on 2/8/2021 4:18 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.3º C.

GC Semi VOA
Method 8082A: Surrogate recovery for the following sample was outside control limits: ZDSF-012821-002 (240-144217-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The following sample was diluted due to the nature of the sample matrix: ZDSF-012821-002 (240-144217-1). Elevated reporting limits (RLs) are provided.

Method 8082A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 310-306848 and 310-307105 and analytical batch 310-307331 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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

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

Organic Prep
Method 1311: Tumbled in plastic due to matrix: ZDSF-012821-002 (240-144217-1)

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

Method Summary

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

Job ID: 240-144217-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CF
PCB	Total PCB Calculation	TAL SOP	TAL CF
6010C	Metals (ICP)	SW846	TAL CF
7470A	Mercury (CVAA)	SW846	TAL CF
D92	Flashpoint	ASTM	TAL CF
Moisture	Percent Moisture	EPA	TAL CF
1311	TCLP Extraction	SW846	TAL CF
3010A	Preparation, Total Metals	SW846	TAL CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CF
3550B	Ultrasonic Extraction	SW846	TAL CF
7470A	Preparation, Mercury	SW846	TAL 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:

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

Sample Summary

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

Job ID: 240-144217-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-144217-1	ZDSF-012821-002	Solid	01/28/21 12:00	01/29/21 10:00	
240-144217-2	ZDSF-012821-002 DUP	Solid	01/28/21 12:00	01/29/21 10:00	

Detection Summary

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

Job ID: 240-144217-1

Client Sample ID: ZDSF-012821-002 — Lab Sample ID: 240-144217-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1242	11		2.4	0.25	mg/Kg	5	☼	8082A	Total/NA
Total PCBs	11		2.4	0.25	mg/Kg	1		PCB	Total/NA
Barium	0.91	J	1.0	0.22	mg/L	2		6010C	TCLP
Cadmium	0.16		0.040	0.0088	mg/L	2		6010C	TCLP
Lead	3.6		0.20	0.064	mg/L	2		6010C	TCLP
Flashpoint	>215		40.0	40.0	Degrees F	1		D92	Total/NA

Client Sample ID: ZDSF-012821-002 DUP — Lab Sample ID: 240-144217-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: ZDSF-012821-002
Date Collected: 01/28/21 12:00
Date Received: 01/29/21 10:00

Lab Sample ID: 240-144217-1
Matrix: Solid

Method: 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		02/11/21 10:44	02/16/21 12:17	1
PCB-1221	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 12:17	1
PCB-1232	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 12:17	1
PCB-1242	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 12:17	1
PCB-1248	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 12:17	1
PCB-1254	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 12:17	1
PCB-1260	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 12:17	1
PCB-1268	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 12:17	1
Polychlorinated biphenyls, Total	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*10 - 119*	*02/11/21 10:44*	*02/16/21 12:17*	*1*
Tetrachloro-m-xylene	*31*		*14 - 110*	*02/11/21 10:44*	*02/16/21 12:17*	*1*

Method: PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total PCBs	**11**		2.4	0.25	mg/Kg			02/22/21 11:59	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.20	0.10	mg/L		02/11/21 08:07	02/12/21 10:48	2
Barium	**0.91**	**J**	1.0	0.22	mg/L		02/11/21 08:07	02/12/21 10:48	2
Cadmium	**0.16**		0.040	0.0088	mg/L		02/11/21 08:07	02/12/21 10:48	2
Chromium	ND		0.040	0.017	mg/L		02/11/21 08:07	02/12/21 10:48	2
Lead	**3.6**		0.20	0.064	mg/L		02/11/21 08:07	02/12/21 10:48	2
Selenium	ND		0.20	0.13	mg/L		02/11/21 08:07	02/12/21 10:48	2
Silver	ND		0.040	0.017	mg/L		02/11/21 08:07	02/12/21 10:48	2

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0015	mg/L		02/12/21 13:34	02/15/21 12:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>215**		40.0	40.0	Degrees F			02/11/21 14:07	1
Percent Moisture	**19.3**		0.1	0.1	%			02/09/21 14:52	1
Percent Solids	**80.7**		0.1	0.1	%			02/09/21 14:52	1

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

Job ID: 240-144217-1

Client Sample ID: ZDSF-012821-002
Date Collected: 01/28/21 12:00
Date Received: 01/29/21 10:00

Lab Sample ID: 240-144217-1
Matrix: Solid
Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.012	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1
PCB-1221	ND		0.47	0.13	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1
PCB-1232	ND		0.47	0.047	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1
PCB-1242	**11**		2.4	0.25	mg/Kg	☼	02/12/21 12:32	02/15/21 19:46	5
PCB-1248	ND		0.47	0.032	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1
PCB-1254	ND		0.47	0.030	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1
PCB-1260	ND		0.47	0.016	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1
PCB-1268	ND		0.47	0.0066	mg/Kg	☼	02/12/21 12:32	02/15/21 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*242*	*E S1+*	*10 - 136*	*02/12/21 12:32*	*02/15/21 13:18*	*1*
Tetrachloro-m-xylene	*72*		*21 - 110*	*02/12/21 12:32*	*02/15/21 13:18*	*1*

Client Sample Results

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

Job ID: 240-144217-1

Client Sample ID: ZDSF-012821-002 DUP

Date Collected: 01/28/21 12:00
Date Received: 01/29/21 10:00

Lab Sample ID: 240-144217-2

Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.6		0.1	0.1	%			02/09/21 14:52	1
Percent Solids	86.4		0.1	0.1	%			02/09/21 14:52	1

Surrogate Summary

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

Job ID: 240-144217-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-136)	(21-110)
240-144217-1	ZDSF-012821-002	242 E S1+	72
LCS 310-307204/2-A	Lab Control Sample	91	84
MB 310-307204/1-A	Method Blank	114	101

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-136)	(21-110)
LCSD 310-307204/3-A	Lab Control Sample Dup	109	102

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

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

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-119)	(14-110)
240-144217-1	ZDSF-012821-002	106	31
LB 310-306848/1-B	Method Blank	115	90
LB 310-307056/1-B	Method Blank	82	68
LCS 310-306848/2-B	Lab Control Sample	73	66
LCS 310-307056/2-B	Lab Control Sample	105	87

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 310-307204/1-A
Matrix: Solid
Analysis Batch: 307281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 307204

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.024	0.00063	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1221	ND		0.024	0.0065	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1232	ND		0.024	0.0024	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1242	ND		0.024	0.0026	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1248	ND		0.024	0.0016	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1254	ND		0.024	0.0015	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1260	ND		0.024	0.00082	mg/Kg		02/12/21 12:32	02/15/21 12:39	1
PCB-1268	ND		0.024	0.00034	mg/Kg		02/12/21 12:32	02/15/21 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*10 - 136*	*02/12/21 12:32*	*02/15/21 12:39*	*1*
Tetrachloro-m-xylene	*101*		*21 - 110*	*02/12/21 12:32*	*02/15/21 12:39*	*1*

Lab Sample ID: LCS 310-307204/2-A
Matrix: Solid
Analysis Batch: 307281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 307204

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			0.195	0.151		mg/Kg		78	33 - 113		
PCB-1260			0.195	0.154		mg/Kg		79	30 - 111		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*91*		*10 - 136*
Tetrachloro-m-xylene	*84*		*21 - 110*

Lab Sample ID: LCSD 310-307204/3-A
Matrix: Solid
Analysis Batch: 307325

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 307204

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			0.195	0.174		mg/Kg		89	33 - 113	14	34
PCB-1260			0.195	0.194		mg/Kg		100	30 - 111	23	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*109*		*10 - 136*
Tetrachloro-m-xylene	*102*		*21 - 110*

Lab Sample ID: LB 310-306848/1-B
Matrix: Solid
Analysis Batch: 307331

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 307105

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 10:49	1
PCB-1221	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 10:49	1
PCB-1232	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 10:49	1
PCB-1242	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 10:49	1
PCB-1248	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 10:49	1
PCB-1254	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 10:49	1

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

Lab Sample ID: LB 310-306848/1-B
Matrix: Solid
Analysis Batch: 307331

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 307105

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 10:49	1
PCB-1268	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 10:49	1
Polychlorinated biphenyls, Total	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 10:49	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*115*		*10 - 119*	*02/11/21 10:44*	*02/16/21 10:49*	*1*
Tetrachloro-m-xylene	*90*		*14 - 110*	*02/11/21 10:44*	*02/16/21 10:49*	*1*

Lab Sample ID: LB 310-307056/1-B
Matrix: Solid
Analysis Batch: 307331

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 307105

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1221	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1232	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1242	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1248	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1254	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1260	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 11:50	1
PCB-1268	ND		4.0	1.1	ug/L		02/11/21 10:44	02/16/21 11:50	1
Polychlorinated biphenyls, Total	ND		4.0	1.3	ug/L		02/11/21 10:44	02/16/21 11:50	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*10 - 119*	*02/11/21 10:44*	*02/16/21 11:50*	*1*
Tetrachloro-m-xylene	*68*		*14 - 110*	*02/11/21 10:44*	*02/16/21 11:50*	*1*

Lab Sample ID: LCS 310-306848/2-B
Matrix: Solid
Analysis Batch: 307331

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 307105

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			6.25	3.88	J	ug/L		62	21 - 119		
PCB-1260			6.25	3.64	J	ug/L		58	18 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*73*		*10 - 119*
Tetrachloro-m-xylene	*66*		*14 - 110*

Lab Sample ID: LCS 310-307056/2-B
Matrix: Solid
Analysis Batch: 307331

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 307105

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			6.25	5.50		ug/L		88	21 - 119		
PCB-1260			6.25	5.50		ug/L		88	18 - 122		

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

Lab Sample ID: LCS 310-307056/2-B
Matrix: Solid
Analysis Batch: 307331

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 307105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*105*		*10 - 119*
Tetrachloro-m-xylene	*87*		*14 - 110*

Method: 6010C - Metals (ICP)

Lab Sample ID: LB 310-307055/1-B
Matrix: Solid
Analysis Batch: 307160

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 307072

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0536	J	0.10	0.050	mg/L		02/11/21 08:07	02/12/21 00:53	1
Barium	ND		0.50	0.11	mg/L		02/11/21 08:07	02/12/21 00:53	1
Cadmium	ND		0.020	0.0044	mg/L		02/11/21 08:07	02/12/21 00:53	1
Chromium	ND		0.020	0.0087	mg/L		02/11/21 08:07	02/12/21 00:53	1
Lead	ND		0.10	0.032	mg/L		02/11/21 08:07	02/12/21 00:53	1
Selenium	ND		0.10	0.063	mg/L		02/11/21 08:07	02/12/21 00:53	1
Silver	ND		0.020	0.0087	mg/L		02/11/21 08:07	02/12/21 00:53	1

Lab Sample ID: LCS 310-307055/2-B
Matrix: Solid
Analysis Batch: 307160

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 307072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.00	4.26		mg/L		106	80 - 120
Barium	2.00	1.99		mg/L		100	80 - 120
Cadmium	2.00	1.85		mg/L		92	80 - 120
Chromium	2.00	1.91		mg/L		96	80 - 120
Lead	4.00	3.68		mg/L		92	80 - 120
Selenium	8.00	9.11		mg/L		114	80 - 120
Silver	2.00	2.16		mg/L		108	80 - 120

Lab Sample ID: 240-144217-1 MS
Matrix: Solid
Analysis Batch: 307193

Client Sample ID: ZDSF-012821-002
Prep Type: TCLP
Prep Batch: 307072

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		4.00	4.04		mg/L		101	75 - 125
Barium	0.91	J	2.00	2.80		mg/L		95	75 - 125
Cadmium	0.16		2.00	1.91		mg/L		88	75 - 125
Chromium	ND		2.00	1.85		mg/L		93	75 - 125
Lead	3.6		4.00	7.11		mg/L		88	75 - 125
Selenium	ND		8.00	8.78		mg/L		110	75 - 125
Silver	ND		2.00	2.03		mg/L		101	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 310-307055/1-C
Matrix: Solid
Analysis Batch: 307318

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 307212

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.0015	mg/L		02/12/21 13:34	02/15/21 12:54	1

Lab Sample ID: LCS 310-307055/2-C
Matrix: Solid
Analysis Batch: 307318

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 307212

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.0167	0.0185		mg/L		111	80 - 120		

Lab Sample ID: 240-144217-1 MS
Matrix: Solid
Analysis Batch: 307318

Client Sample ID: ZDSF-012821-002
Prep Type: TCLP
Prep Batch: 307212

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.0167	0.0174		mg/L		105	80 - 120		

QC Association Summary

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

Job ID: 240-144217-1

GC Semi VOA

Leach Batch: 306848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-306848/1-B	Method Blank	TCLP	Solid	1311	
LCS 310-306848/2-B	Lab Control Sample	TCLP	Solid	1311	

Leach Batch: 307056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	1311	
LB 310-307056/1-B	Method Blank	TCLP	Solid	1311	
LCS 310-307056/2-B	Lab Control Sample	TCLP	Solid	1311	

Prep Batch: 307105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	3510C	307056
LB 310-306848/1-B	Method Blank	TCLP	Solid	3510C	306848
LB 310-307056/1-B	Method Blank	TCLP	Solid	3510C	307056
LCS 310-306848/2-B	Lab Control Sample	TCLP	Solid	3510C	306848
LCS 310-307056/2-B	Lab Control Sample	TCLP	Solid	3510C	307056

Prep Batch: 307204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	Total/NA	Solid	3550B	
MB 310-307204/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 310-307204/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 310-307204/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	

Analysis Batch: 307281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	Total/NA	Solid	8082A	307204
MB 310-307204/1-A	Method Blank	Total/NA	Solid	8082A	307204
LCS 310-307204/2-A	Lab Control Sample	Total/NA	Solid	8082A	307204

Analysis Batch: 307325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	Total/NA	Solid	8082A	307204
LCSD 310-307204/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	307204

Analysis Batch: 307331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	8082A	307105
LB 310-306848/1-B	Method Blank	TCLP	Solid	8082A	307105
LB 310-307056/1-B	Method Blank	TCLP	Solid	8082A	307105
LCS 310-306848/2-B	Lab Control Sample	TCLP	Solid	8082A	307105
LCS 310-307056/2-B	Lab Control Sample	TCLP	Solid	8082A	307105

Analysis Batch: 307781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	Total/NA	Solid	PCB	

QC Association Summary

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

Job ID: 240-144217-1

Metals

Leach Batch: 307055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	1311	
LB 310-307055/1-B	Method Blank	TCLP	Solid	1311	
LB 310-307055/1-C	Method Blank	TCLP	Solid	1311	
LCS 310-307055/2-B	Lab Control Sample	TCLP	Solid	1311	
LCS 310-307055/2-C	Lab Control Sample	TCLP	Solid	1311	
240-144217-1 MS	ZDSF-012821-002	TCLP	Solid	1311	

Prep Batch: 307072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	3010A	307055
LB 310-307055/1-B	Method Blank	TCLP	Solid	3010A	307055
LCS 310-307055/2-B	Lab Control Sample	TCLP	Solid	3010A	307055
240-144217-1 MS	ZDSF-012821-002	TCLP	Solid	3010A	307055

Analysis Batch: 307160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-307055/1-B	Method Blank	TCLP	Solid	6010C	307072
LCS 310-307055/2-B	Lab Control Sample	TCLP	Solid	6010C	307072

Analysis Batch: 307193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	6010C	307072
240-144217-1 MS	ZDSF-012821-002	TCLP	Solid	6010C	307072

Prep Batch: 307212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	7470A	307055
LB 310-307055/1-C	Method Blank	TCLP	Solid	7470A	307055
LCS 310-307055/2-C	Lab Control Sample	TCLP	Solid	7470A	307055
240-144217-1 MS	ZDSF-012821-002	TCLP	Solid	7470A	307055

Analysis Batch: 307318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	TCLP	Solid	7470A	307212
LB 310-307055/1-C	Method Blank	TCLP	Solid	7470A	307212
LCS 310-307055/2-C	Lab Control Sample	TCLP	Solid	7470A	307212
240-144217-1 MS	ZDSF-012821-002	TCLP	Solid	7470A	307212

General Chemistry

Analysis Batch: 306913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	Total/NA	Solid	Moisture	
240-144217-2	ZDSF-012821-002 DUP	Total/NA	Solid	Moisture	

Analysis Batch: 307126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144217-1	ZDSF-012821-002	Total/NA	Solid	D92	

Lab Chronicle

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

Job ID: 240-144217-1

Client Sample ID: ZDSF-012821-002
Date Collected: 01/28/21 12:00
Date Received: 01/29/21 10:00

Lab Sample ID: 240-144217-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			307056	02/10/21 12:00	ERT	TAL CF
TCLP	Prep	3510C			307105	02/11/21 10:44	JCM	TAL CF
TCLP	Analysis	8082A		1	307331	02/16/21 12:17	BBW	TAL CF
Total/NA	Analysis	PCB		1	307781	02/22/21 11:59	BBW	TAL CF
TCLP	Leach	1311			307055	02/10/21 12:00	ERT	TAL CF
TCLP	Prep	3010A			307072	02/11/21 08:07	JNR	TAL CF
TCLP	Analysis	6010C		2	307193	02/12/21 10:48	CTB	TAL CF
TCLP	Leach	1311			307055	02/10/21 12:00	ERT	TAL CF
TCLP	Prep	7470A			307212	02/12/21 13:34	HED	TAL CF
TCLP	Analysis	7470A		1	307318	02/15/21 12:58	HED	TAL CF
Total/NA	Analysis	D92		1	307126	02/11/21 14:07	BER	TAL CF
Total/NA	Analysis	Moisture		1	306913	02/09/21 14:52	SAS	TAL CF

Client Sample ID: ZDSF-012821-002
Date Collected: 01/28/21 12:00
Date Received: 01/29/21 10:00

Lab Sample ID: 240-144217-1
Matrix: Solid
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			307204	02/12/21 12:32	EAM	TAL CF
Total/NA	Analysis	8082A		5	307325	02/15/21 19:46	BBW	TAL CF
Total/NA	Prep	3550B			307204	02/12/21 12:32	EAM	TAL CF
Total/NA	Analysis	8082A		1	307281	02/15/21 13:18	BBW	TAL CF

Client Sample ID: ZDSF-012821-002 DUP
Date Collected: 01/28/21 12:00
Date Received: 01/29/21 10:00

Lab Sample ID: 240-144217-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	306913	02/09/21 14:52	SAS	TAL CF

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 240-144217-1

Laboratory: Eurofins TestAmerica, 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	12-01-21

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

1-2113

Chain of Custody Record 439115

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Address: _____

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

TAL-8210

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Total PCBs	TCLP PCBs	TCLP RCRA Metals	Ignitability	Sample Specific Notes:
ZDSF-012821-002	1-28-21	12:00	C		4			X	X	X	X	
↓ -002 DUP	↓	↓	↓		↓							Hold

240-144217 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Sample is ASR from Iowa needs Iowa certified lab

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____			
Relinquished by:	Company: CSF	Date/Time: 1-28-21 4:00 PM	Received by:	Company: ETA	Date/Time: 1-29-21 1000
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** _____
Canton Facility

Client CST Site Name _____ Cooler unpacked by: Matt

Cooler Received on 1-29-21 Opened on 1-29-21

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # 7M 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# IR-11 (CF +0.1 °C) Observed Cooler Temp. 1.2 °C Corrected Cooler Temp. 1.3 °C wc

IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   - -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   - -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   - -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

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

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

Concerning _____

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

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

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240-144217 Chain of Custody

Cooler/Sample Receipt and Temperature Log

Client Information

Client: EA canton

City/State: CITY North canton STATE OH Project:

Receipt Information

Date/Time Received: DATE 2-9-21 TIME 1125 Received By: ER

Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler?	☒ Yes	☐ No	*If yes:* Cooler ID:
Multiple Coolers?	☐ Yes	☒ No	*If yes:* Cooler # _____ of _____
Cooler Custody Seals Present?	☐ Yes	☒ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☐ Yes	☒ No	*If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: 0 Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): Corrected Temp (°C):

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:	5ml Jar 407	
Uncorrected Temp (°C):	4.3	
Corrected Temp (°C):	4.3	

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-131949.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise.Heckler@Eurofinset.com	State of Origin: Iowa	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc		Accreditations Required (See note): State - Iowa		Job #: 240-144217-1
Address: 3019 Venture Way, ,	Due Date Requested: 2/19/2021			
City: Cedar Falls	TAT Requested (days):			
State, Zip: IA, 50613				
Phone: 319-277-2401(Tel) 319-277-2425(Fax)	PO #:			
Email:	WO #:			
Project Name: Alter Metals, Iowa, 1053,1216,1217,1218	Project #: 24013819			
Site:	SSOW#:			

Preservation Codes:

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

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	Moisture/ Percent Moisture	7470A/1311T_Hg Mercury TCLP	6010C/1311T_M TCLP Metals	D92/ Flashpoint	8082A/1311_T TCLP PCB	Total_PCB/ Total PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
ZDSF-012821-002 (240-144217-1)	1/28/21	12:00 Central		Solid			X	X	X	X	X	X	5	
ZDSF-012821-002 DUP (240-144217-2)	1/28/21	12:00 Central		Solid			X						5	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out 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/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		2/8/21 700			2-9-21 1124	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: CJF Associates, LLC

Job Number: 240-144217-1

Login Number: 144217
List Number: 2
Creator: Ramos, Eric F

List Source: Eurofins TestAmerica, Cedar Falls
List Creation: 02/09/21 01:28 PM

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?	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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	