



ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Roys
Clayton County Recycling
11645 Echo Avenue
PO BOX 861
Monona, Iowa 52159

Generated 4/30/2025 7:36:52 PM

JOB DESCRIPTION

041125A

JOB NUMBER

310-304391-1

Eurofins Cedar Falls

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
Brian Graettinger, Business Unit Manager
Brian.Graettinger@et.eurofinsus.com
Designee for
Hannah Dietz, Project Manager I
Hannah.Dietz@et.eurofinsus.com
(319)277-2401



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Case Narrative

Client: Clayton County Recycling
Project: 041125A

Job ID: 310-304391-1

Job ID: 310-304391-1

Eurofins Cedar Falls

Job Narrative 310-304391-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The sample was received on 4/17/2025 8:25 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: 041125A (310-304391-1). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with/cancel analysis.

PCBs

Method 8082A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 041125A (310-304391-1). The reporting limits (RLs) have been adjusted proportionately.

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

Metals

Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent: 041125A (310-304391-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

Eurofins Cedar Falls

Sample Summary

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-304391-1	041125A	Solid	04/11/25 00:00	04/17/25 08:25

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

Client Sample Results

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

Client Sample ID: 041125A

Lab Sample ID: 310-304391-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1221	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1232	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1242	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1248	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1254	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1260	<0.00188		0.00188		mg/L		04/24/25 13:18	04/29/25 14:48	1
PCB-1268	<0.00469		0.00469		mg/L		04/24/25 13:18	04/29/25 14:48	1
Polychlorinated biphenyls, Total	<0.00469		0.00469		mg/L		04/24/25 13:18	04/29/25 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	33		11 - 122	04/24/25 13:18	04/29/25 14:48	1
Tetrachloro-m-xylene (Surr)	66		23 - 123	04/24/25 13:18	04/29/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.200		0.200		mg/L		04/23/25 09:30	04/23/25 17:25	2
Barium	0.784		0.400		mg/L		04/23/25 09:30	04/23/25 17:25	2
Cadmium	0.213		0.0400		mg/L		04/23/25 09:30	04/23/25 17:25	2
Chromium	<0.0400		0.0400		mg/L		04/23/25 09:30	04/23/25 17:25	2
Lead	0.484		0.200		mg/L		04/23/25 09:30	04/23/25 17:25	2
Selenium	<0.200		0.200		mg/L		04/23/25 09:30	04/23/25 17:25	2
Silver	<0.100		0.100		mg/L		04/23/25 09:30	04/23/25 17:25	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		04/23/25 09:29	04/23/25 13:46	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			04/30/25 17:28	1
Flashpoint (ASTM D92)	>201		65.0		Degrees F			04/24/25 14:20	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4	HF	1.0		SU			04/22/25 21:59	1

Client Sample ID: 041125A

Lab Sample ID: 310-304391-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1221	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1232	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1242	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1248	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1254	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1260	<0.612		0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1
PCB-1268	3.45	p	0.612		mg/Kg	✱	04/23/25 08:13	04/23/25 20:51	1

Eurofins Cedar Falls

Client Sample Results

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

Client Sample ID: 041125A

Lab Sample ID: 310-304391-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	3.45	p	0.612		mg/Kg	☼	04/23/25 08:13	04/23/25 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	71	p	10 - 150				04/23/25 08:13	04/23/25 20:51	1
Tetrachloro-m-xylene	71		12 - 127				04/23/25 08:13	04/23/25 20:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	<550		550		mg/Kg	☼	04/23/25 07:00	04/23/25 13:53	1

Lab Chronicle

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

Client Sample ID: 041125A

Lab Sample ID: 310-304391-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	3511			452612	BW2O	EET CF	04/24/25 13:18
TCLP	Analysis	8082A		1	453050	BW2O	EET CF	04/29/25 14:48
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	3010A			452330	QTZ5	EET CF	04/23/25 09:30
TCLP	Analysis	6010D		2	452537	ZRI4	EET CF	04/23/25 17:25
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	7470A			452285	F5MW	EET CF	04/23/25 09:29
TCLP	Analysis	7470A		1	452500	F5MW	EET CF	04/23/25 13:46
Soluble	Leach	DI Leach			452379	T5AC	EET CF	04/22/25 20:06
Soluble	Analysis	9045D		1	452382	T5AC	EET CF	04/22/25 21:59
Total/NA	Analysis	D240-87		1	232742	MK	EET HOU	04/30/25 17:28
Total/NA	Analysis	D92		1	452756	WZC8	EET CF	04/24/25 14:20

Client Sample ID: 041125A

Lab Sample ID: 310-304391-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 85.7

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 20:51
Total/NA	Prep	9023			231080	PSC	EET HOU	04/23/25 07:00
Total/NA	Analysis	9023		1	231498	YG	EET HOU	04/23/25 13:53

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

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Definitions/Glossary

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

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.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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

Accreditation/Certification Summary

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

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

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

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

Eurofins Cedar Falls

Method Summary

Client: Clayton County Recycling
Project/Site: 041125A

Job ID: 310-304391-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9023	Organic Halides, Extractable (EOX)	SW846	EET HOU
9045D	pH	SW846	EET CF
D240-87	Heat of Combustion	ASTM	EET HOU
D92	Flashpoint	ASTM	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
9023	Preparation, EOX	SW846	EET HOU
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

Protocol References:

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

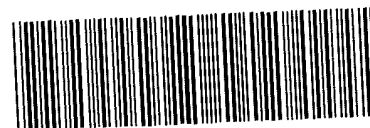
Laboratory References:

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

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



Environment Testing
America



310-304391 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Clayton County Recycling</u>			
City/State:	<u>Monrovia</u>	<u>IA</u>	Project:
Receipt Information			
Date/Time Received:	<u>4/17/25</u>	<u>0825</u>	Received By: <u>BP</u>
Delivery Type: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler ID: _____
Multiple Coolers?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____
Cooler Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Sample Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trip Blank Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓
Temperature Record			
Coolant: <input type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> NONE			
Thermometer ID:		Correction Factor (°C):	
• 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:	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
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			

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-304391-1

Login Number: 304391

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

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.	False	IN a box
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	False	
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	

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-304391-1

Login Number: 304391

List Number: 2

Creator: Rubio, Yuri

List Source: Eurofins Houston

List Creation: 04/19/25 10:40 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Roys
Clayton County Recycling
11645 Echo Avenue
PO BOX 861
Monona, Iowa 52159

Generated 5/8/2025 8:33:04 AM

JOB DESCRIPTION

041125C

JOB NUMBER

310-304396-1


Eurofins Cedar Falls

Job Notes

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Authorization



Generated
5/8/2025 8:33:04 AM

Authorized for release by
Hannah Dietz, Project Manager I
Hannah.Dietz@et.eurofinsus.com
(319)277-2401



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Case Narrative

Client: Clayton County Recycling
Project: 041125C

Job ID: 310-304396-1

Job ID: 310-304396-1

Eurofins Cedar Falls

Job Narrative 310-304396-1

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Receipt Exceptions

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PCBs

Method 8082A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 041125C (310-304396-1). The reporting limits (RLs) have been adjusted proportionately.

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

Metals

Method 6010D - TCLP: The continuing calibration verification (CCV) associated with batch 310-452537 recovered above the upper control limit for selenium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

General Chemistry

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

Eurofins Cedar Falls

Sample Summary

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-304396-1	041125C	Solid	04/11/25 00:00	04/17/25 08:25

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

Client Sample Results

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

Client Sample ID: 041125C

Lab Sample ID: 310-304396-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1221	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1232	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1242	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1248	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1254	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1260	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
PCB-1268	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1
Polychlorinated biphenyls, Total	<0.00192		0.00192		mg/L		04/24/25 13:18	04/29/25 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	32		11 - 122	04/24/25 13:18	04/29/25 15:14	1
Tetrachloro-m-xylene (Surr)	66		23 - 123	04/24/25 13:18	04/29/25 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		04/23/25 09:30	04/23/25 16:08	1
Barium	0.753		0.200		mg/L		04/23/25 09:30	04/23/25 16:08	1
Cadmium	0.335		0.0200		mg/L		04/23/25 09:30	04/23/25 16:08	1
Chromium	<0.0200		0.0200		mg/L		04/23/25 09:30	04/23/25 16:08	1
Lead	1.15		0.100		mg/L		04/23/25 09:30	04/23/25 16:08	1
Selenium	<0.100	^+	0.100		mg/L		04/23/25 09:30	04/23/25 16:08	1
Silver	<0.0500		0.0500		mg/L		04/23/25 09:30	04/23/25 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		04/23/25 09:29	04/23/25 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	21100		500		BTU/lb			05/07/25 19:52	1
Flashpoint (ASTM D92)	>201		65.0		Degrees F			04/24/25 14:20	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6	HF	1.0		SU			04/22/25 22:07	1

Client Sample ID: 041125C

Lab Sample ID: 310-304396-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1221	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1232	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1242	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1248	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1254	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1260	<0.652		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1
PCB-1268	1.86		0.652		mg/Kg	✱	04/23/25 08:13	04/23/25 21:18	1

Eurofins Cedar Falls

Client Sample Results

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

Client Sample ID: 041125C

Lab Sample ID: 310-304396-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	1.86		0.652		mg/Kg	☼	04/23/25 08:13	04/23/25 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		10 - 150	04/23/25 08:13	04/23/25 21:18	1
Tetrachloro-m-xylene	60		12 - 127	04/23/25 08:13	04/23/25 21:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	874		494		mg/Kg	☼	04/23/25 07:00	04/23/25 14:21	1

Lab Chronicle

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

Client Sample ID: 041125C

Lab Sample ID: 310-304396-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	3511			452612	BW2O	EET CF	04/24/25 13:18
TCLP	Analysis	8082A		1	453050	BW2O	EET CF	04/29/25 15:14
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	3010A			452330	QTZ5	EET CF	04/23/25 09:30
TCLP	Analysis	6010D		1	452537	ZRI4	EET CF	04/23/25 16:08
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	7470A			452285	F5MW	EET CF	04/23/25 09:29
TCLP	Analysis	7470A		1	452500	F5MW	EET CF	04/23/25 13:51
Soluble	Leach	DI Leach			452379	T5AC	EET CF	04/22/25 20:06
Soluble	Analysis	9045D		1	452382	T5AC	EET CF	04/22/25 22:07
Total/NA	Analysis	D240-87		1	234300	MK	EET HOU	05/07/25 19:52
Total/NA	Analysis	D92		1	452756	WZC8	EET CF	04/24/25 14:20

Client Sample ID: 041125C

Lab Sample ID: 310-304396-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 95.5

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 21:18
Total/NA	Prep	9023			231080	PSC	EET HOU	04/23/25 07:00
Total/NA	Analysis	9023		1	231498	YG	EET HOU	04/23/25 14:21

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

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Definitions/Glossary

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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

Accreditation/Certification Summary

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

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

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

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

Eurofins Cedar Falls

Method Summary

Client: Clayton County Recycling
Project/Site: 041125C

Job ID: 310-304396-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9023	Organic Halides, Extractable (EOX)	SW846	EET HOU
9045D	pH	SW846	EET CF
D240-87	Heat of Combustion	ASTM	EET HOU
D92	Flashpoint	ASTM	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
9023	Preparation, EOX	SW846	EET HOU
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

Protocol References:

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



Environment Testing
America



310-304396 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Clayton County Recycling</u>			
City/State:	<u>City</u> <u>Monong</u>	<u>STATE</u> <u>IA</u>	Project:
Receipt Information			
Date/Time Received:	<u>DATE</u> <u>4/17/25</u>	<u>TIME</u> <u>0825</u>	Received By: <u>BP</u>
Delivery Type: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler ID: _____
Multiple Coolers?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____
Cooler Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Sample Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trip Blank Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓
Temperature Record			
Coolant: <input type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> NONE			
Thermometer ID:		Correction Factor (°C):	
• 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.	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
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			

Eurofins Cedar Falls

3019 Venture Way

Cedar Falls, IA 50613

Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record



eurofins

Environment Test Inc.

Client Information (Sub Contract Lab)		Sampler	Lab Pk:	Carrier Tracking No(s):	COC No:
Client Contact:		N/A	Dietz, Hannah E	N/A	310-82187 1
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:
Company:		N/A	Hannah.Dietz@et.eurofins.com	Iowa	Page 1 of 1
Eurofins Environment Testing South Centr		Accreditations Required (See note):		Job #:	310-304396-1
Address:		Due Date Requested:		Preservation Codes:	
4145 Greenbriar Dr		5/7/2025			
City:	Stafford	TAT Requested (days):	Analysis Requested		
State:	TX	N/A			
Zip:	TX, 77477	PO #:			
Phone:	281-240-4200(Tel)	N/A			
Email:	N/A	WO #:			
Project Name:	041125C	Project #:			
Site:	N/A	SSOW#:			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=Solid, O=Organic, A=Air)
041125C (310-304396-1)	4/11/25	Central	G	Solid	
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		D240.87 NP	9023/8023 Prep FOX
X		X		X	X
Total Number of Containers		Special Instructions/Note:			
1					
Temp: 1.7 IR ID:HOU-368					
C/F-0.1					
Corrected Temp: 1.6					
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I II III IV Other (specify)					
Primary Deliverable Rank: 1					
Empty Kit Relinquished by					
Date/Time:					
Relinquished by:					
Date/Time:					
Relinquished by:					
Date/Time:					
Custody Seals Intact					
Custody Seal No.					
Colder Temperature(s) °C and Other Remarks:					

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-304396-1

Login Number: 304396

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

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.	False	in a box
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
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	

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-304396-1

Login Number: 304396

List Number: 2

Creator: Rubio, Yuri

List Source: Eurofins Houston

List Creation: 04/19/25 10:40 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Gina Roys
Clayton County Recycling
11645 Echo Avenue
PO BOX 861
Monona, Iowa 52159

Generated 5/2/2025 5:05:43 PM

JOB DESCRIPTION

041425C

JOB NUMBER

310-304400-1

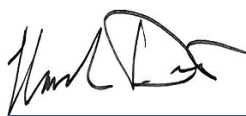
Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
5/2/2025 5:05:43 PM

Authorized for release by
Hannah Dietz, Project Manager I
Hannah.Dietz@et.eurofinsus.com
(319)277-2401



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Case Narrative

Client: Clayton County Recycling
Project: 041425C

Job ID: 310-304400-1

Job ID: 310-304400-1

Eurofins Cedar Falls

Job Narrative 310-304400-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

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

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

Receipt

The sample was received on 4/17/2025 8:25 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: 041425C (310-304400-1). This does not meet regulatory requirements.

PCBs

Method 8082A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 041425C (310-304400-1). The reporting limits (RLs) have been adjusted proportionately.

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.

Eurofins Cedar Falls

Sample Summary

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-304400-1	041425C	Solid	04/14/25 00:00	04/17/25 08:25

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

Client Sample Results

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

Client Sample ID: 041425C

Lab Sample ID: 310-304400-1

Date Collected: 04/14/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1221	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1232	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1242	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1248	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1254	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1260	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
PCB-1268	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1
Polychlorinated biphenyls, Total	<0.00189		0.00189		mg/L		04/24/25 13:18	04/29/25 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	13		11 - 122	04/24/25 13:18	04/29/25 15:53	1
Tetrachloro-m-xylene (Surr)	34		23 - 123	04/24/25 13:18	04/29/25 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		04/23/25 09:30	04/23/25 16:12	1
Barium	0.786		0.200		mg/L		04/23/25 09:30	04/23/25 16:12	1
Cadmium	0.507		0.0200		mg/L		04/23/25 09:30	04/23/25 16:12	1
Chromium	0.0709		0.0200		mg/L		04/23/25 09:30	04/23/25 16:12	1
Lead	1.96		0.100		mg/L		04/23/25 09:30	04/23/25 16:12	1
Selenium	<0.100	^+	0.100		mg/L		04/23/25 09:30	04/23/25 16:12	1
Silver	<0.0500		0.0500		mg/L		04/23/25 09:30	04/23/25 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		04/23/25 09:29	04/23/25 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	20200		500		BTU/lb			04/30/25 17:28	1
Flashpoint (ASTM D92)	>201		65.0		Degrees F			04/24/25 14:20	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4	HF	1.0		SU			04/22/25 22:00	1

Client Sample ID: 041425C

Lab Sample ID: 310-304400-1

Date Collected: 04/14/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1221	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1232	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1242	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1248	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1254	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1260	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1
PCB-1268	<0.779		0.779		mg/Kg	✱	05/01/25 08:48	05/01/25 16:39	1

Eurofins Cedar Falls

Client Sample Results

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

Client Sample ID: 041425C

Lab Sample ID: 310-304400-1

Date Collected: 04/14/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 90.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	<0.779		0.779		mg/Kg	☼	05/01/25 08:48	05/01/25 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	84		10 - 150				05/01/25 08:48	05/01/25 16:39	1
Tetrachloro-m-xylene	49		12 - 127				05/01/25 08:48	05/01/25 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	749		486		mg/Kg	☼	04/23/25 07:00	04/23/25 15:02	1

Lab Chronicle

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

Client Sample ID: 041425C

Lab Sample ID: 310-304400-1

Date Collected: 04/14/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	3511			452612	BW2O	EET CF	04/24/25 13:18
TCLP	Analysis	8082A		1	453050	BW2O	EET CF	04/29/25 15:53
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	3010A			452330	QTZ5	EET CF	04/23/25 09:30
TCLP	Analysis	6010D		1	452537	ZRI4	EET CF	04/23/25 16:12
TCLP	Leach	1311			452215	U8FK	EET CF	04/21/25 14:30 - 04/22/25 07:00 ¹
TCLP	Prep	7470A			452285	F5MW	EET CF	04/23/25 09:29
TCLP	Analysis	7470A		1	452500	F5MW	EET CF	04/23/25 13:57
Soluble	Leach	DI Leach			452379	T5AC	EET CF	04/22/25 20:06
Soluble	Analysis	9045D		1	452382	T5AC	EET CF	04/22/25 22:00
Total/NA	Analysis	D240-87		1	232742	MK	EET HOU	04/30/25 17:28
Total/NA	Analysis	D92		1	452756	WZC8	EET CF	04/24/25 14:20

Client Sample ID: 041425C

Lab Sample ID: 310-304400-1

Date Collected: 04/14/25 00:00

Matrix: Solid

Date Received: 04/17/25 08:25

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			453316	BDJ4	EET CF	05/01/25 08:48
Total/NA	Analysis	8082A		1	453319	BW2O	EET CF	05/01/25 16:39
Total/NA	Prep	9023			231080	PSC	EET HOU	04/23/25 07:00
Total/NA	Analysis	9023		1	231498	YG	EET HOU	04/23/25 15:02

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

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Definitions/Glossary

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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

Accreditation/Certification Summary

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

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

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

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

Eurofins Cedar Falls

Method Summary

Client: Clayton County Recycling
Project/Site: 041425C

Job ID: 310-304400-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9023	Organic Halides, Extractable (EOX)	SW846	EET HOU
9045D	pH	SW846	EET CF
D240-87	Heat of Combustion	ASTM	EET HOU
D92	Flashpoint	ASTM	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
9023	Preparation, EOX	SW846	EET HOU
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

Protocol References:

ASTM = ASTM International

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200



Environment Testing
America



310-304400 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Clayton County Recycling</u>			
City/State:	CITY <u>Monroe</u>	STATE <u>LA</u>	Project:
Receipt Information			
Date/Time Received:	DATE <u>4/17/25</u>	TIME <u>0825</u>	Received By <u>BP</u>
Delivery Type: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler ID: _____
Multiple Coolers?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____
Cooler Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Sample Custody Seals Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trip Blank Present?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓
Temperature Record			
Coolant: <input type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> NONE			
Thermometer ID:		Correction Factor (°C):	
• 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.	<u>CONTAINER 1</u>		<u>CONTAINER 2</u>
Uncorrected Temp (°C):			
Corrected Temp (°C):			
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			

277 - 2425
041425C

Send Report To:

Address:

City/State/Zip Code:

Telephone Number:

Sampled by: (Print Name)

(Signature)

Project Manager: Gina Rays
Proj. Mgr. Telephone: 563-539-4757
Proj. Mgr. Email: gina@correcycling.com
Address: Ex.

Analyze For:

[illegible]

NOTES:

ADVANCE TO receive results
from the time of receipt at TestAmerica.

NOTE: All turn around times are calculated from the time of receipt of the order.

NOTICE: Pre-Arrangements must be made **AT LEAST 48 Hours In ADVANCE** to receive resins.

with RUSH turn around time commitments; additional charges may be assessed for TestAmerica disposing of sample remainders.

NOTE: There may be a charge assessed for Les/America Disposal.		Received by:
Relinquished by:	Date	Time

Comments:	
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Temperature Upon Receipt:

Laboratory Comments:

Shipped Via: -
Received for TestAmerica by:

Date	4/17/25	Time	0825
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Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-304400-1

Login Number: 304400

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

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.	False	IN a box
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
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	

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-304400-1

Login Number: 304400

List Number: 2

Creator: Rubio, Yuri

List Source: Eurofins Houston

List Creation: 04/19/25 10:40 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	