

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 1/7/2025 11:53:38 AM

**JOB DESCRIPTION**

120224 AM

**JOB NUMBER**

310-296750-1

# 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  
1/7/2025 11:53:38 AM

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Sample Summary . . . . .	5
Client Sample Results . . . . .	6
Chronicle . . . . .	8
Definitions . . . . .	9
Certification Summary . . . . .	10
Method Summary . . . . .	11
Chain of Custody . . . . .	12
Receipt Checklists . . . . .	14

# Case Narrative

Client: Clayton County Recycling  
Project: 120224 AM

Job ID: 310-296750-1

**Job ID: 310-296750-1**

**Eurofins Cedar Falls**

## Job Narrative 310-296750-1

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 12/9/2024 8:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

### PCBs

Method 8082A: The surrogate recovery for the blank and LCS associated with preparation batch 310-442191 and analytical batch 310-443442 was outside the upper control limits.

Method 8082A: Surrogate recovery for the following samples were outside control limits: 120224 AM (310-296750-1), (310-296736-B-1-F), (310-296736-B-1-D MS) and (310-296736-B-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The laboratory control sample (LCS) for preparation batch 310-442191 and analytical batch 310-443442 recovered outside control limits for the following analytes: PCB-1016 and PCB-1260. These analytes were biased high in the LCS and were not detected in the associated samples; 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.

### Metals

Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent. 120224 AM (310-296750-1). 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: 120224 AM

Job ID: 310-296750-1

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
310-296750-1	120224 AM	Solid	12/02/24 00:00	12/09/24 08:20

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

# Client Sample Results

Client: Clayton County Recycling  
Project/Site: 120224 AM

Job ID: 310-296750-1

**Client Sample ID: 120224 AM**

**Lab Sample ID: 310-296750-1**

Date Collected: 12/02/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1221	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1232	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1242	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1248	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1254	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1260	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
PCB-1268	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
Polychlorinated biphenyls, Total	<0.00187		0.00187		mg/L		12/19/24 13:48	01/03/25 11:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	78		11 - 122				12/19/24 13:48	01/03/25 11:52	1
Tetrachloro-m-xylene (Surr)	96		23 - 123				12/19/24 13:48	01/03/25 11:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.300		0.300		mg/L		12/19/24 09:30	12/23/24 13:48	3
Barium	0.671		0.600		mg/L		12/19/24 09:30	12/23/24 13:48	3
Cadmium	0.0863		0.0600		mg/L		12/19/24 09:30	12/23/24 13:48	3
Chromium	<0.0600		0.0600		mg/L		12/19/24 09:30	12/23/24 13:48	3
Lead	<0.300		0.300		mg/L		12/19/24 09:30	12/23/24 13:48	3
Selenium	<0.300		0.300		mg/L		12/19/24 09:30	12/23/24 13:48	3
Silver	<0.150		0.150		mg/L		12/19/24 09:30	12/23/24 13:48	3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		12/19/24 15:15	12/20/24 10:49	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			12/26/24 11:21	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3	HF	1.0		SU			12/11/24 21:45	1

**Client Sample ID: 120224 AM**

**Lab Sample ID: 310-296750-1**

Date Collected: 12/02/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.534	*+	0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1221	<0.534		0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1232	<0.534		0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1242	<0.534		0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1248	<0.534		0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1254	<0.534		0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1260	<0.534	*+	0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
PCB-1268	<0.534		0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1
Polychlorinated biphenyls, Total	<0.534	*+	0.534		mg/Kg	☼	12/11/24 09:39	12/30/24 19:39	1

Eurofins Cedar Falls

# Client Sample Results

Client: Clayton County Recycling  
 Project/Site: 120224 AM

Job ID: 310-296750-1

**Client Sample ID: 120224 AM**

**Lab Sample ID: 310-296750-1**

Date Collected: 12/02/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

Percent Solids: 88.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	210	S1+	10 - 150	12/11/24 09:39	12/30/24 19:39	1
Tetrachloro-m-xylene	111		12 - 127	12/11/24 09:39	12/30/24 19:39	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	<534		534		mg/Kg	☆	12/17/24 06:11	12/17/24 15:49	1

# Lab Chronicle

Client: Clayton County Recycling  
Project/Site: 120224 AM

Job ID: 310-296750-1

**Client Sample ID: 120224 AM**

**Lab Sample ID: 310-296750-1**

**Date Collected: 12/02/24 00:00**

**Matrix: Solid**

**Date Received: 12/09/24 08:20**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			442859	U8FK	EET CF	12/18/24 15:00 - 12/19/24 07:00 <sup>1</sup>
TCLP	Prep	3511			443025	AYK7	EET CF	12/19/24 13:48
TCLP	Analysis	8082A		1	443897	BW2O	EET CF	01/03/25 11:52
TCLP	Leach	1311			442859	U8FK	EET CF	12/18/24 15:00 - 12/19/24 07:00 <sup>1</sup>
TCLP	Prep	3010A			442925	F5MW	EET CF	12/19/24 09:30
TCLP	Analysis	6010D		3	443287	ZRI4	EET CF	12/23/24 13:48
TCLP	Leach	1311			442859	U8FK	EET CF	12/18/24 15:00 - 12/19/24 07:00 <sup>1</sup>
TCLP	Prep	7470A			442979	QTZ5	EET CF	12/19/24 15:15
TCLP	Analysis	7470A		1	443136	QTZ5	EET CF	12/20/24 10:49
Soluble	Leach	DI Leach			442248	ZJX4	EET CF	12/11/24 16:34
Soluble	Analysis	9045D		1	442255	ZJX4	EET CF	12/11/24 21:45
Total/NA	Analysis	D240-87		1	207703	SA	EET HOU	12/26/24 11:21

**Client Sample ID: 120224 AM**

**Lab Sample ID: 310-296750-1**

**Date Collected: 12/02/24 00:00**

**Matrix: Solid**

**Date Received: 12/09/24 08:20**

**Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			442191	BDJ4	EET CF	12/11/24 09:39
Total/NA	Analysis	8082A		1	443636	BW2O	EET CF	12/30/24 19:39
Total/NA	Prep	9023			206026	PSC	EET HOU	12/17/24 06:11
Total/NA	Analysis	9023		1	206102	YG	EET HOU	12/17/24 15:49

<sup>1</sup> 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: 120224 AM

Job ID: 310-296750-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control 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: 120224 AM

Job ID: 310-296750-1

## 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	01-31-25
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	12-31-24
Texas	NELAP	T104704215	06-30-25
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.

# Method Summary

Client: Clayton County Recycling  
Project/Site: 120224 AM

Job ID: 310-296750-1

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
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:**

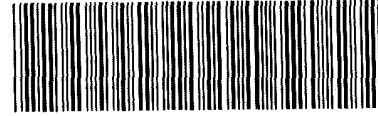
ASTM = ASTM International

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



**Cooler/Sample Receipt and Temperature Log Form**

<b>Client Information</b>			
Client: Clayton County			
City/State:	CITY	STATE	Project:
<b>Receipt Information</b>			
Date/Time Received:	DATE 12/9/24	TIME 0820	Received By: [Signature]
Delivery Type:	<input checked="" type="checkbox"/> UPS	<input type="checkbox"/> FedEx	<input type="checkbox"/> FedEx Ground
	<input type="checkbox"/> Lab Courier	<input type="checkbox"/> Lab Field Services	<input type="checkbox"/> Client Drop-off
	<input type="checkbox"/> US Mail	<input type="checkbox"/> Spee-Dee	<input type="checkbox"/> Other: _____
<b>Condition of Cooler/Containers</b>			
Sample(s) received in Cooler?	<input checked="" 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? ↓
<b>Temperature Record</b>			
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):		
<b>• Sample Container Temperature</b>			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
<b>Exceptions Noted</b>			
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			
<b>Additional Comments</b>			





## Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-296750-1

**Login Number: 296750**

**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	Received in a box
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
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: 310-296750-1

**Login Number: 296750**

**List Number: 2**

**Creator: Baker, Jeremiah**

**List Source: Eurofins Houston**

**List Creation: 12/10/24 11:40 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 1/3/2025 11:13:31 AM

**JOB DESCRIPTION**

120324 AM

**JOB NUMBER**

310-296752-1



# 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  
1/3/2025 11:13:31 AM

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Sample Summary . . . . .	5
Client Sample Results . . . . .	6
Chronicle . . . . .	8
Definitions . . . . .	9
Certification Summary . . . . .	10
Method Summary . . . . .	11
Chain of Custody . . . . .	12
Receipt Checklists . . . . .	15

# Case Narrative

Client: Clayton County Recycling  
Project: 120324 AM

Job ID: 310-296752-1

**Job ID: 310-296752-1**

**Eurofins Cedar Falls**

## Job Narrative 310-296752-1

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 12/9/2024 8:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

### PCBs

Method 8082A: The surrogate recovery for the blank and LCS associated with preparation batch 310-442191 and analytical batch 310-443442 was outside the upper control limits.

Method 8082A: Surrogate recovery for the following samples were outside control limits: 120324 AM (310-296752-1), (310-296736-B-1-F), (310-296736-B-1-D MS) and (310-296736-B-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The laboratory control sample (LCS) for preparation batch 310-442191 and analytical batch 310-443442 recovered outside control limits for the following analytes: PCB-1016 and PCB-1260. These analytes were biased high in the LCS and were not detected in the associated samples; 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.

### Metals

Method 6010D - TCLP: The following sample(s) was diluted due to the presence of an interferent. 120324 AM (310-296752-1). 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: 120324 AM

Job ID: 310-296752-1

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
310-296752-1	120324 AM	Solid	12/03/24 00:00	12/09/24 08:20

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

# Client Sample Results

Client: Clayton County Recycling  
Project/Site: 120324 AM

Job ID: 310-296752-1

**Client Sample ID: 120324 AM**

**Lab Sample ID: 310-296752-1**

Date Collected: 12/03/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1221	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1232	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1242	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1248	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1254	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1260	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
PCB-1268	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
Polychlorinated biphenyls, Total	<0.00187		0.00187		mg/L		12/16/24 12:58	01/02/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	54		11 - 122				12/16/24 12:58	01/02/25 18:20	1
Tetrachloro-m-xylene (Surr)	98		23 - 123				12/16/24 12:58	01/02/25 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.400		0.400		mg/L		12/13/24 10:00	12/19/24 15:02	4
Barium	<0.800		0.800		mg/L		12/13/24 10:00	12/19/24 15:02	4
Cadmium	0.0995		0.0800		mg/L		12/13/24 10:00	12/19/24 15:02	4
Chromium	<0.0800		0.0800		mg/L		12/13/24 10:00	12/19/24 15:02	4
Lead	<0.400		0.400		mg/L		12/13/24 10:00	12/19/24 15:02	4
Selenium	<0.400		0.400		mg/L		12/13/24 10:00	12/19/24 15:02	4
Silver	<0.200		0.200		mg/L		12/13/24 10:00	12/19/24 15:02	4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		12/13/24 15:25	12/16/24 13:30	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			12/26/24 11:21	1
Flashpoint (ASTM D92)	>201		65.0		Degrees F			12/12/24 16:15	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0	HF	1.0		SU			12/11/24 21:48	1

**Client Sample ID: 120324 AM**

**Lab Sample ID: 310-296752-1**

Date Collected: 12/03/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

Percent Solids: 71.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.221	*+	0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1221	<0.221		0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1232	<0.221		0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1242	<0.221		0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1248	<0.221		0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1254	<0.221		0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1260	<0.221	*+	0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
PCB-1268	<0.221		0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1

Eurofins Cedar Falls

# Client Sample Results

Client: Clayton County Recycling  
 Project/Site: 120324 AM

Job ID: 310-296752-1

**Client Sample ID: 120324 AM**

**Lab Sample ID: 310-296752-1**

Date Collected: 12/03/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

Percent Solids: 71.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	<0.221	*+	0.221		mg/Kg	☼	12/11/24 09:39	12/30/24 20:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	283	S1+	10 - 150				12/11/24 09:39	12/30/24 20:04	1
Tetrachloro-m-xylene	156	S1+	12 - 127				12/11/24 09:39	12/30/24 20:04	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	<646		646		mg/Kg	☼	12/17/24 06:11	12/17/24 16:02	1

# Lab Chronicle

Client: Clayton County Recycling  
Project/Site: 120324 AM

Job ID: 310-296752-1

**Client Sample ID: 120324 AM**

**Lab Sample ID: 310-296752-1**

**Date Collected: 12/03/24 00:00**

**Matrix: Solid**

**Date Received: 12/09/24 08:20**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			442349	U8FK	EET CF	12/12/24 15:00 - 12/13/24 07:00 <sup>1</sup>
TCLP	Prep	3511			442604	AYK7	EET CF	12/16/24 12:58
TCLP	Analysis	8082A		1	443842	BW2O	EET CF	01/02/25 18:20
TCLP	Leach	1311			442349	U8FK	EET CF	12/12/24 15:00 - 12/13/24 07:00 <sup>1</sup>
TCLP	Prep	3010A			442394	F5MW	EET CF	12/13/24 10:00
TCLP	Analysis	6010D		4	443036	ZRI4	EET CF	12/19/24 15:02
TCLP	Leach	1311			442349	U8FK	EET CF	12/12/24 15:00 - 12/13/24 07:00 <sup>1</sup>
TCLP	Prep	7470A			442446	QTZ5	EET CF	12/13/24 15:25
TCLP	Analysis	7470A		1	442626	QTZ5	EET CF	12/16/24 13:30
Soluble	Leach	DI Leach			442248	ZJX4	EET CF	12/11/24 16:34
Soluble	Analysis	9045D		1	442255	ZJX4	EET CF	12/11/24 21:48
Total/NA	Analysis	D240-87		1	207703	SA	EET HOU	12/26/24 11:21
Total/NA	Analysis	D92		1	442364	WZC8	EET CF	12/12/24 16:15

**Client Sample ID: 120324 AM**

**Lab Sample ID: 310-296752-1**

**Date Collected: 12/03/24 00:00**

**Matrix: Solid**

**Date Received: 12/09/24 08:20**

**Percent Solids: 71.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			442191	BDJ4	EET CF	12/11/24 09:39
Total/NA	Analysis	8082A		1	443636	BW2O	EET CF	12/30/24 20:04
Total/NA	Prep	9023			206026	PSC	EET HOU	12/17/24 06:11
Total/NA	Analysis	9023		1	206102	YG	EET HOU	12/17/24 16:02

<sup>1</sup> 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: 120324 AM

Job ID: 310-296752-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control 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: 120324 AM

Job ID: 310-296752-1

## 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	01-31-25
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	12-31-24
Texas	NELAP	T104704215	06-30-25
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.

# Method Summary

Client: Clayton County Recycling  
Project/Site: 120324 AM

Job ID: 310-296752-1

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:

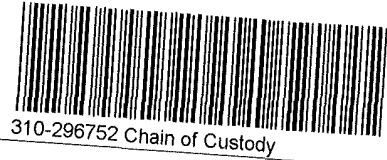
ASTM = ASTM International

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



Cooler/Sample Receipt and Temperature Log Form

<b>Client Information</b>			
Client: Clayton County			
City/State:	CITY	STATE	Project:
<b>Receipt Information</b>			
Date/Time Received:	DATE 12/9/24	TIME 0820	Received By: [Signature]
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: _____			
<b>Condition of Cooler/Containers</b>			
Sample(s) received in Cooler?	<input checked="" 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? ↓	
<b>Temperature Record</b>			
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):	
• <b>Temp Blank Temperature</b> – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):		Corrected Temp (°C):	
• <b>Sample Container Temperature</b>			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
<b>Exceptions Noted</b>			
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			
<b>Additional Comments</b>			



**TestAmerica**  
INCORPORATED

Local Tests Division  
704 Enterprise Drive  
Cedar Falls, IA 50613

Company: Clayton County Recycling  
Gina Rysz's

Send Report To:  
Address: 11645 Echo Ave  
Monroe IA 52159  
City/State/Zip Code:  
Telephone Number: 503-539-4757

Project Name: PCB  
Project Number: 503-539-4735  
Project Manager: Gina Rysz  
Proj. Mgr. Telephone: 503-539-4757  
Proj. Mgr. Email: gina@correcycling.com

Your PO#: 120324 AM  
Invoice To:  
TA Quote #:  
Analyze For:

Sample ID	Preservative						Matrix								Send QC with report												
	HCl (Blue & White Label)	HNO <sub>3</sub> (Red & White Label)	NaOH (Orange & White Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow & White Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow & White Label)	None (Black & White Label)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Oil	PCB	TCF Metals		Thiosprint	Chloride	BTA	PH	PCB	Leachability	RUSH TAT (Must call ahead!)	Standard TAT	Email Results	Fax Results		

Send QC with report

**NOTES:**  
NOTE: All turn around times are calculated from the time of receipt at TestAmerica.  
NOTE: Pre-Arrangements must be made **AT LEAST 46 Hours In Advance** to receive results with RUSH turn around time commitments; additional charges may be assessed.  
NOTE: There may be a charge assessed for TestAmerica disposing of sample remainder.

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date: \_\_\_\_\_  
Time: \_\_\_\_\_

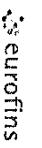
Shipped Via: \_\_\_\_\_  
Received for TestAmerica by: R Date: 12/9/24 Time: 1820

Laboratory Comments: \_\_\_\_\_



Chain of Custody Record

3019 Venture Way  
Cedar Falls, IA 50613  
Phone: 319-277-2401 Fax: 319-277-2425



**Client Information (Sub Contract Lab)**

Client Contact: N/A  
Shipping/Receiving: N/A  
Company: Eurofins Environment Testing South Cent  
Address: 4145 Greenbair Dr  
City: Stafford  
State Zip: TX, 77417  
Phone: 281-240-4200(Tel)  
Email: N/A  
Project Name: 120324 AM  
Site: N/A  
SSOW#: N/A

Lab P.N.: Dietz, Hannah E  
E-Mail: Hannah.Dietz@et.eurofins.com  
Carrier Tracking No(s): N/A  
State of Origin: Iowa  
GOC No: 310-29106.1  
Page: Page 1 of 1  
Job #: 310-296752-1  
Preservation Codes:

Due Date Requested: 12/23/2024  
TAT Requested (day/s): N/A  
Analysis Requested

Sample #	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Membrane, Swab, Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
120324 AM (310-296752-1)	12/23/24	Central	G	Solid	X	X	1	

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/shipment, 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  
Special Instructions/QC Requirements:

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: 2/9/25 10:35 AM Company: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
Custody Seals Intact:  Yes  No  
Custody Seal No. \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks: 14°  
Method of Shipment: \_\_\_\_\_  
Date/Time: 01/20/25 Company: \_\_\_\_\_

## Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-296752-1

**Login Number: 296752**

**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	Received in a box
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
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: 310-296752-1

**Login Number: 296752**

**List Number: 2**

**Creator: Baker, Jeremiah**

**List Source: Eurofins Houston**

**List Creation: 12/10/24 11:40 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 1/6/2025 3:51:14 PM

**JOB DESCRIPTION**

120424 PM

**JOB NUMBER**

310-296755-1



# 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  
1/6/2025 3:51:14 PM

Authorized for release by  
Brian Graettinger, Business Unit Manager  
[Brian.Graettinger@et.eurofinsus.com](mailto:Brian.Graettinger@et.eurofinsus.com)  
Designee for  
Hannah Dietz, Project Manager I  
[Hannah.Dietz@et.eurofinsus.com](mailto:Hannah.Dietz@et.eurofinsus.com)  
(319)277-2401



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Sample Summary . . . . .	5
Client Sample Results . . . . .	6
Chronicle . . . . .	8
Definitions . . . . .	9
Certification Summary . . . . .	10
Method Summary . . . . .	11
Chain of Custody . . . . .	12
Receipt Checklists . . . . .	15

# Case Narrative

Client: Clayton County Recycling  
Project: 120424 PM

Job ID: 310-296755-1

**Job ID: 310-296755-1**

**Eurofins Cedar Falls**

## Job Narrative 310-296755-1

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 12/9/2024 8:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

### PCBs

Method 8082A: The surrogate recovery for the blank and LCS associated with preparation batch 310-442191 and analytical batch 310-443442 was outside the upper control limits.

Method 8082A: The laboratory control sample (LCS) for preparation batch 310-442191 and analytical batch 310-443442 recovered outside control limits for the following analytes: PCB-1016 and PCB-1260. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8082A: Surrogate recovery for the following sample was outside control limits: 120424 PM (310-296755-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A - TCLP: Surrogate recovery for the following sample was outside control limits: 120424 PM (310-296755-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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. 120424 PM (310-296755-1). 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: 120424 PM

Job ID: 310-296755-1

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
310-296755-1	120424 PM	Solid	12/04/24 00:00	12/09/24 08:20

1

2

3

4

5

6

7

8

9

10

11

# Client Sample Results

Client: Clayton County Recycling  
Project/Site: 120424 PM

Job ID: 310-296755-1

**Client Sample ID: 120424 PM**

**Lab Sample ID: 310-296755-1**

Date Collected: 12/04/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1221	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1232	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1242	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1248	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1254	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1260	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
PCB-1268	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
Polychlorinated biphenyls, Total	<0.00185		0.00185		mg/L		12/18/24 09:56	12/31/24 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		11 - 122				12/18/24 09:56	12/31/24 12:06	1
Tetrachloro-m-xylene (Surr)	143	S1+	23 - 123				12/18/24 09:56	12/31/24 12:06	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		12/18/24 09:30	12/23/24 11:30	2
Barium	0.642		0.400		mg/L		12/18/24 09:30	12/23/24 11:30	2
Cadmium	0.105		0.0400		mg/L		12/18/24 09:30	12/23/24 11:30	2
Chromium	<0.0400		0.0400		mg/L		12/18/24 09:30	12/23/24 11:30	2
Lead	<0.200		0.200		mg/L		12/18/24 09:30	12/23/24 11:30	2
Selenium	<0.200		0.200		mg/L		12/18/24 09:30	12/23/24 11:30	2
Silver	<0.100		0.100		mg/L		12/18/24 09:30	12/23/24 11:30	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		12/18/24 11:15	12/18/24 16:42	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			12/26/24 11:21	1
Flashpoint (ASTM D92)	>201		65.0		Degrees F			12/12/24 16:15	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9	HF	1.0		SU			12/11/24 21:51	1

**Client Sample ID: 120424 PM**

**Lab Sample ID: 310-296755-1**

Date Collected: 12/04/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.441	*+	0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1221	<0.441		0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1232	<0.441		0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1242	<0.441		0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1248	<0.441		0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1254	<0.441		0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1260	<0.441	*+	0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
PCB-1268	<0.441		0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1

Eurofins Cedar Falls

# Client Sample Results

Client: Clayton County Recycling  
Project/Site: 120424 PM

Job ID: 310-296755-1

**Client Sample ID: 120424 PM**

**Lab Sample ID: 310-296755-1**

Date Collected: 12/04/24 00:00

Matrix: Solid

Date Received: 12/09/24 08:20

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	<0.441	*+	0.441		mg/Kg	☼	12/11/24 09:39	01/03/25 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	213	S1+	10 - 150				12/11/24 09:39	01/03/25 13:26	1
Tetrachloro-m-xylene	108		12 - 127				12/11/24 09:39	01/03/25 13:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic (SW846 9023)	<552		552		mg/Kg	☼	12/17/24 06:11	12/17/24 16:58	1

# Lab Chronicle

Client: Clayton County Recycling  
Project/Site: 120424 PM

Job ID: 310-296755-1

**Client Sample ID: 120424 PM**

**Lab Sample ID: 310-296755-1**

**Date Collected: 12/04/24 00:00**

**Matrix: Solid**

**Date Received: 12/09/24 08:20**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			442616	U8FK	EET CF	12/17/24 15:00 - 12/18/24 07:00 <sup>1</sup>
TCLP	Prep	3511			442807	AYK7	EET CF	12/18/24 09:56
TCLP	Analysis	8082A		1	443683	BW2O	EET CF	12/31/24 12:06
TCLP	Leach	1311			442616	U8FK	EET CF	12/17/24 15:00 - 12/18/24 07:00 <sup>1</sup>
TCLP	Prep	3010A			442799	F5MW	EET CF	12/18/24 09:30
TCLP	Analysis	6010D		2	443287	ZRI4	EET CF	12/23/24 11:30
TCLP	Leach	1311			442616	U8FK	EET CF	12/17/24 15:00 - 12/18/24 07:00 <sup>1</sup>
TCLP	Prep	7470A			442846	QTZ5	EET CF	12/18/24 11:15
TCLP	Analysis	7470A		1	442887	QTZ5	EET CF	12/18/24 16:42
Soluble	Leach	DI Leach			442248	ZJX4	EET CF	12/11/24 16:34
Soluble	Analysis	9045D		1	442255	ZJX4	EET CF	12/11/24 21:51
Total/NA	Analysis	D240-87		1	207703	SA	EET HOU	12/26/24 11:21
Total/NA	Analysis	D92		1	442364	WZC8	EET CF	12/12/24 16:15

**Client Sample ID: 120424 PM**

**Lab Sample ID: 310-296755-1**

**Date Collected: 12/04/24 00:00**

**Matrix: Solid**

**Date Received: 12/09/24 08:20**

**Percent Solids: 87.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			442191	BDJ4	EET CF	12/11/24 09:39
Total/NA	Analysis	8082A		1	443897	BW2O	EET CF	01/03/25 13:26
Total/NA	Prep	9023			206026	PSC	EET HOU	12/17/24 06:11
Total/NA	Analysis	9023		1	206102	YG	EET HOU	12/17/24 16:58

<sup>1</sup> 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: 120424 PM

Job ID: 310-296755-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control 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: 120424 PM

Job ID: 310-296755-1

## 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	01-31-25
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	12-31-24
Texas	NELAP	T104704215	06-30-25
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.

# Method Summary

Client: Clayton County Recycling  
Project/Site: 120424 PM

Job ID: 310-296755-1

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:

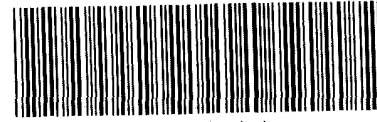
ASTM = ASTM International

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



Cooler/Sample Receipt and Temperature Log Form

<b>Client Information</b>			
Client: Clayton County			
City/State:	CITY	STATE	Project:
<b>Receipt Information</b>			
Date/Time Received:	DATE	TIME	Received By:
	12/9/24	0820	[Signature]
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: _____			
<b>Condition of Cooler/Containers</b>			
Sample(s) received in Cooler?	<input checked="" 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? ↓	
<b>Temperature Record</b>			
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):	
• <b>Temp Blank Temperature</b> – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):		Corrected Temp (°C):	
• <b>Sample Container Temperature</b>			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
<b>Exceptions Noted</b>			
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			
<b>Additional Comments</b>			



**TestAmerica**  
INCORPORATED

Central Falls Division  
704 Enterprise Drive  
Cedar Falls, IA 50613

Your PO #: **120424 PM**  
Invoice To:  
TA Quote #:

Company: **Clayton County Recycling**  
Send Report To:  
Address: **11045 Echo Ave**  
City/State/Zip Code: **Monroe IA 52159**  
Telephone Number: **503-539-4757**  
Fax: **503-539-4735**  
Project Name:  
Project Number:  
Project Manager: **Gina Roys**  
Proj. Mgr. Telephone: **503-539-4757**  
Proj. Mgr. Email: **gina@ccrrecycling.com**

Sampled by: (Print Name) **Fred Runde**  
(Signature) *Fred Runde*  
Analyze For:  
Matrix:  
Preservative:  
None (Black & White Label)  
H<sub>2</sub>SO<sub>4</sub> Glass (Yellow & White Label)  
H<sub>2</sub>SO<sub>4</sub> Plastic (Yellow & White Label)  
NaOH (Orange & White Label)  
HCl (Blue & White Label)  
HNO<sub>3</sub> (Red & White Label)  
Ice  
Field Filtered  
Grab  
# of containers shipped  
Time Sampled  
Date Sampled

Sample ID	Date Sampled	Time Sampled	# of containers shipped	Grab	Composite	Field Filtered	Ice	HNO <sub>3</sub> (Red & White Label)	HCl (Blue & White Label)	NaOH (Orange & White Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow & White Label)	H <sub>2</sub> SO <sub>4</sub> Glass (Yellow & White Label)	None (Black & White Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sudge	Soil	Oil	PCB	Flashpoint	Chloride	Btu	PH	PCB	Leachability	RUSH TAT (Must call ahead!)	Standard TAT	Email Results	Fax Results	Send QC with report

**NOTES:**  
NOTE: All turn around times are calculated from the time of receipt at TestAmerica.  
NOTE: Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.  
NOTE: There may be a charge assessed for TestAmerica disposing of sample remainders.

Reinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Shipped Via: \_\_\_\_\_  
Shipped Via: \_\_\_\_\_  
Laboratory Comments: \_\_\_\_\_  
Comments: \_\_\_\_\_  
Temperature Upon Receipt: \_\_\_\_\_  
Date: **12/14/20** Time: **0830**  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Chain of Custody Record



<b>Client Information (Sub Contract Lab)</b>		Sampler		Lab Pk:		Carrier Tracking No(s):		COC No:	
Client Contact: Eurofins Environment Testing South Cent		N/A		Dietz, Hannah E		N/A		310-79106-1	
Shipping/Receiving: Eurofins Environment Testing South Cent		Phone: N/A		E-Mail: Hannah.Dietz@et.eurofins.com		State of Origin: Iowa		Page: Page 1 of 1	
Company: Eurofins Environment Testing South Cent		TAT Requested (days):		Accelerations Required (See note):		Job #:		310-296755-1	
Address: 4145 Greenbriar Dr		Date Date Requested: 12/23/2024		Analysis Requested		Preservation Codes:		310-296755-1	
City: Stafford		N/A							
State, Zip: TX, 77477		RO #:							
Phone: 281-240-4200(TE)		N/A							
Email: N/A		WO #:							
Project Name: 120424 PM		Project #:							
Site: N/A		SSD/MR:							
N/A									
<b>Sample Identification - Client ID (Lab ID)</b>									
120424 PM (310-296755-1)	Sample Date	Sample Time	Sample Type (G-Comp, G-Grab)	Matrix (Wet, Solid, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers		Special Instructions/Note:
	12/4/24	Central	G	Solid	<input checked="" type="checkbox"/>	9023/9023_Prop EOX D240_87_NP	1		
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte &amp; 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 analytists/method 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.</p>									
<b>Possible Hazard Identification</b>									
<input type="checkbox"/> Unconfirmed <input type="checkbox"/> Deliverable Requested: I, II, III, IV Other (specify) _____ Primary Deliverable Rank: 1									
<input type="checkbox"/> Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Special Instructions/QC Requirements: _____									
<b>Empty Kit Relinquished by</b>									
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
		12/23/24				12/23/24			
<b>Relinquished by:</b>									
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
<b>Relinquished by:</b>									
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
						12/23/24			
Custody Seals Intact: Custody Seal No. _____									
<input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks: 19°									

## Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-296755-1

SDG Number:

**Login Number: 296755**

**List Number: 1**

**Creator: Homolar, Dana J**

**List Source: Eurofins Cedar Falls**

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	Received in a box
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
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: 310-296755-1

SDG Number:

**Login Number: 296755**

**List Number: 2**

**Creator: Baker, Jeremiah**

**List Source: Eurofins Houston**

**List Creation: 12/10/24 11:40 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	