ANALYTICAL REPORT

Eurofins Cedar Falls 3019 Venture Way Cedar Falls, IA 50613 Tel: (319)277-2401

Laboratory Job ID: 310-242765-1 Client Project/Site: 10822PM

For:

Clayton County Recycling 11645 Echo Avenue PO BOX 861 Monona, Iowa 52159

Attn: Gina Roys

Authorized for release by: 11/4/2022 2:07:52 PM

Matthew Hummel, Project Manager I (319)595-2010

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Client: Clayton County Recycling Project/Site: 10822PM

Laboratory Job ID: 310-242765-1

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Sample Summary	4
Client Sample Results	5
Chronicle	7
Definitions	8
Certification Summary	9
Method Summary	10
Chain of Custody	11
Receipt Checklists	15

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8

9

Case Narrative

Client: Clayton County Recycling

Project/Site: 10822PM

Job ID: 310-242765-1

3

Job ID: 310-242765-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative 310-242765-1

Comments

No additional comments.

Receipt

The sample was received on 10/20/2022 8:55 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: 101822PM (310-242765-1). There was no cooling media present in the cooler.

GC Semi VOA

Method 8082A: Surrogate recovery for the following sample was outside control limits: (310-242765-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-369973 recovered above the upper control limit for PCB-1221. 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.

Metals

Method 6010C: The following sample(s) was diluted due to the presence of an interferent. 101822PM (310-242765-1). 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 analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 1311: Tumbled in plastic due to matrix: 101822PM (310-242765-1).

Method 3546: The following samples were provided to the laboratory with a significantly different initial weight than that required by the reference method: 101822PM (310-242765-1), (310-242765-A-1 MS) and (310-242765-A-1 MSD). The method requires 15g. The amount provided was below this range.

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-369575 and 310-369740. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

Eurofins Cedar Falls 11/4/2022

Sample Summary

Client: Clayton County Recycling

Project/Site: 10822PM

Job ID: 310-242765-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-242765-1	101822PM	Solid	10/18/22 00:00	10/20/22 08:55

Job ID: 310-242765-1

Project/Site: 10822PM

Client Sample ID: 101822PM

Client: Clayton County Recycling

Lab Sample ID: 310-242765-1 Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1221	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1232	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1242	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1248	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1254	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1260	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
PCB-1268	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
Polychlorinated biphenyls, Total	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	46		10 - 119				10/25/22 12:21	10/27/22 16:16	1
Tetrachloro-m-xylene	64		14 - 110				10/25/22 12:21	10/27/22 16:16	1

Method: SW846 6010C - Met	als (ICP) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.400		0.400		mg/L		10/26/22 08:30	10/26/22 15:31	2
Barium	<1.00		1.00		mg/L		10/26/22 08:30	10/26/22 15:31	2
Cadmium	0.175		0.0400		mg/L		10/26/22 08:30	10/26/22 15:31	2
Chromium	0.0425		0.0400		mg/L		10/26/22 08:30	10/26/22 15:31	2
Lead	0.950		0.200		mg/L		10/26/22 08:30	10/26/22 15:31	2
Selenium	<0.200		0.200		mg/L		10/26/22 08:30	10/26/22 15:31	2
Silver	<0.0400		0.0400		mg/L		10/26/22 08:30	10/26/22 15:31	2
	cury (CVAA) - TCLP	•							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		10/25/22 11:31	10/25/22 18:05	1

Result	Qualifier	KL	MIDL	OIIIL	U	Prepared	Analyzeu	DII Fac
<0.00200		0.00200		mg/L		10/25/22 11:31	10/25/22 18:05	1
Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<500	·	500		BTU/lb			10/31/22 16:40	1
>200		65.0		Degrees F			10/26/22 16:59	1
Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
8.0	HF	0.1		SU			10/25/22 16:45	1
	<0.00200 Result <500 >200 Result	Result Qualifier <500	Result Qualifier RL <500	Result Qualifier RL RL <500	Result Qualifier RL RL Unit <500	Result Qualifier RL Stop Stop RL Unit D D <500 500 550 BTU/lb	Result Qualifier RL RL Unit D Prepared <500	Result Qualifier RL RL Unit D Prepared Analyzed <500

Client Sample ID: 101822PM Lab Sample ID: 310-242765-1 Date Collected: 10/18/22 00:00 Matrix: Solid Date Received: 10/20/22 08:55 Percent Solids: 86.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.168	F1	0.168		mg/Kg		10/24/22 13:24	10/26/22 18:46	1
PCB-1221	<0.168		0.168		mg/Kg	₩	10/24/22 13:24	10/26/22 18:46	1
PCB-1232	<0.168		0.168		mg/Kg	₽	10/24/22 13:24	10/26/22 18:46	1
PCB-1242	8.02		1.68		mg/Kg	.⇔	10/24/22 13:24	11/01/22 15:39	10
PCB-1248	<0.168		0.168		mg/Kg	₽	10/24/22 13:24	10/26/22 18:46	1
PCB-1254	<0.168		0.168		mg/Kg	₽	10/24/22 13:24	10/26/22 18:46	1
PCB-1260	<0.168	F1 F2	0.168		mg/Kg	*	10/24/22 13:24	10/26/22 18:46	1
PCB-1268	<0.168		0.168		mg/Kg	₩	10/24/22 13:24	10/26/22 18:46	1

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Page 5 of 16

Client Sample Results

Client: Clayton County Recycling Job ID: 310-242765-1

Project/Site: 10822PM

Halogens, Extractable Organic

(SW846 9023)

Client Sample ID: 101822PM Lab Sample ID: 310-242765-1

Date Collected: 10/18/22 00:00 Matrix: Solid

Date Received: 10/20/22 08:55 Percent Solids: 86.3

Surrogate DCB Decachlorobiphenyl (Surr) Tetrachloro-m-xylene	%Recovery 81 34		Limits 10 - 110 10 - 110			Prepared 10/24/22 13:24 10/24/22 13:24	Analyzed 10/26/22 18:46 10/26/22 18:46	Dil Fac 1 1
General Chemistry Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

579

mg/Kg

644

0

11/02/22 15:43

11/03/22 21:00

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10

Lab Chronicle

Client: Clayton County Recycling Job ID: 310-242765-1

Project/Site: 10822PM

Client Sample ID: 101822PM

Date Collected: 10/18/22 00:00 Date Received: 10/20/22 08:55 Lab Sample ID: 310-242765-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
TCLP	Leach	1311			369575	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	3510C			369740	C3AA	EET CF	10/25/22 12:21
TCLP	Analysis	8082A		1	369973	BW2O	EET CF	10/27/22 16:16
TCLP	Leach	1311			369574	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	3010A			369773	QTZ5	EET CF	10/26/22 08:30
TCLP	Analysis	6010C		2	369995	ZRI4	EET CF	10/26/22 15:31
TCLP	Leach	1311			369574	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	7470A			369731	XXW3	EET CF	10/25/22 11:31
TCLP	Analysis	7470A		1	369783	XXW3	EET CF	10/25/22 18:05
Soluble	Leach	DI Leach			369657	WZC8	EET CF	10/25/22 08:36
Soluble	Analysis	9045D		1	369778	W9YR	EET CF	10/25/22 16:45
Total/NA	Analysis	D240-87		1	75577	PSC	EET HOU	10/31/22 16:40
Total/NA	Analysis	D92		1	369926	V7KD	EET CF	10/26/22 16:59

Client Sample ID: 101822PM

Date Collected: 10/18/22 00:00

Date Received: 10/20/22 08:55

Lab Sample ID: 310-242765-1 **Matrix: Solid**

Percent Solids: 86.3

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			369590	GW4G	EET CF	10/24/22 13:24
Total/NA	Analysis	8082A		1	369916	BW2O	EET CF	10/26/22 18:46
Total/NA	Prep	3546			369590	GW4G	EET CF	10/24/22 13:24
Total/NA	Analysis	8082A		10	370425	BW2O	EET CF	11/01/22 15:39
Total/NA	Prep	9023			75946	ADL	EET HOU	11/02/22 15:43
Total/NA	Analysis	9023		1	76284	ADL	EET HOU	11/03/22 21:00

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

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

Eurofins Cedar Falls

11/4/2022

Definitions/Glossary

Client: Clayton County Recycling Job ID: 310-242765-1

Project/Site: 10822PM

Qualifiers

GC Semi VOA

Qualifier **Qualifier Description**

MS and/or MSD recovery exceeds control limits.

F2 MS/MSD RPD exceeds control limits

The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

General Chemistry

Qualifier **Qualifier Description**

HF Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	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)

Estimated Detection Limit (Dioxin) **EDL** Limit of Detection (DoD/DOE) LOD 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 Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NFG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Accreditation/Certification Summary

Client: Clayton County Recycling

Job ID: 310-242765-1

Project/Site: 10822PM

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)	09-29-23
Georgia	State	IA100001 (OR)	11-01-22
Illinois	NELAP	200024	11-02-22
Iowa	State	007	11-02-22
Kansas	NELAP	E-10341	01-31-23
Minnesota	NELAP	019-999-319	12-31-22
Minnesota (Petrofund)	State	3349	01-18-24
North Dakota	State	R-186	09-29-23
Oregon	NELAP	IA100001	11-01-22

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	ansas DEQ State		08-04-23	
Florida	NELAP	E871002	06-30-23	
Louisiana	NELAP	03054	06-30-23	
Oklahoma	State	1306	08-31-23	
Texas	NELAP	T104704215-22-47	06-30-23	
Texas	TCEQ Water Supply	T104704215	12-31-22	
USDA	US Federal Programs	P330-22-00025	03-02-23	

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Method Summary

Client: Clayton County Recycling

Project/Site: 10822PM

Method **Method Description** Protocol Laboratory 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography SW846 EET CF Metals (ICP) 6010C SW846 EET CF 7470A Mercury (CVAA) SW846 EET CF 9023 Organic Halides, Extractable (EOX) SW846 **EET HOU** 9045D рΗ SW846 EET CF D240-87 Heat of Combustion ASTM **EET HOU** D92 Flashpoint ASTM EET CF **TCLP Extraction** SW846 EET CF 1311 3010A Preparation, Total Metals SW846 EET CF Liquid-Liquid Extraction (Separatory Funnel) 3510C 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

Job ID: 310-242765-1

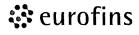
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46



Environment Testing America



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: Clayon (our	1		
City/State: CITY MONDA	STATE	Project·	
Receipt Information	<u> </u>		
Date/Time PATE COLOR	OS55	Received By:	
Delivery Type: UPS		FedEx Ground US Mail Spee-D	ee
☐ Lab Courier ☐ Lab F	Field Services	Client Drop-off Other:	
Condition of Cooler/Containers			
Sample(s) received in Cooler? Yes	s XNo	If yes: Cooler ID:	
Multiple Coolers?	s 🔀 No	If yes: Cooler # of	
Cooler Custody Seals Present?	s No	If yes: Cooler custody seals intact? \(\square\) Yes \(\square\)	
Sample Custody Seals Present? Yes	s No	If yes: Sample custody seals intact? Yes	
Trip Blank Present?	s X No	If yes: Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant:	☐ Dry ice	Other: NONE	
Thermometer ID:		Correction Factor (°C):	
 Temp Blank Temperature — If no temp blank, 	, or temp blank te	mperature above criteria, proceed to Sample Container Temperat	ure
Uncorrected Temp (°C):		Corrected Temp (°C):	
Sample Container Temperature			
Container(s) used:		CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
If temperature exceeds criteria, was s a) If yes: Is there evidence that the		• -	
 If temperature is <0°C, are there obvi (e.g., bulging septa, broken/cracked between the control of the control of		t the integrity of sample containers is compromised? solid?)	
NOTE If yes, contact PM before proceed	ing. If no, proce	eed with login	
Additional Comments			

Page 12 of 16

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Seurofins Chain of Custody Record

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

Cedar Falls, IA 50613 3019 Venture Way

Eurofins Cedar Falls

Client Information (Sub Contract Lab) Sumple Highthew R Highthew R Summing Highthew R Summing Highthew R Sumple John R		0			and do it	l.	l	l	l		ľ				l	l	14 000			Γ
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11/2/2022	Address:	Due Date Requeste	ij														Preservat	Preservation Codes		Г
TAT Requested (days):	4145 Greenbriar Dr	11/2/2022							Αű	alysis	Regi	Jeste	ō				ζ	Σ	Hexane	
10/18/22 Central Solid X X X X X X X X X	City Stafford	TAT Requested (da	,ks):														B NaOH C Zn Acetale	ige NON		
Pop #: No. #: N	State, Zip: TX, 77477													•			D Nitric Acid E NaHSO4	-	Na2SO3 Na2SO3	
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Sample Asia Sample Corona Sample	Email:	₩O#:														6.		⊃ > ≶ 	Acetone MCAA 7 pH 4-5	
Sample Watrix Sample Watrix Sample Watrix Sample Watrix Sample Watrix Sample C=Comp.	Project Name: 10822PM	Project #: 31001320														ienletn	K EDTA		Trizma other (specify)	
Sample Date Time Gegrab) Grants and Type Gegrab Sample Cacomp. Sample Date Time Gegrab) Grants and Type Gegrab Ge	Site:	:#MOSS				A) OSI	FOX		-							100 10	Other			
10/18/22 Central Solid X X X	Sample identification Clent ID (Lab ID)	Sample Date	Sample		_	Pertorm MS/M										1edmuN latoT	ds	ecial Instr	Special Instructions/Note:	
10/18/22 Central Solid X X X		\bigvee	\bigvee		ion Code:	\boxtimes										X		\setminus	V	
	101822PM (310-242765-1)	10/18/22	Central	,	Solid											2				
				•																

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratory or other instructions will be provided. Any changes to laboratory profits isted above for analysis/hesis/matrix being analyzed, the samples must be shipped back to the 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 complicance 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 complicance to Eurofins Environment Testing North Central LLC. Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Possible Hazard Identification

Unconfirmed			Return To Client Disposal By Lab	3y Lab Archive For	Months
Deliverable Requested. I. III IV. Other (specify)	Primary Deliverable Rank. 1		Special Instructions/QC Requirements.		:
Empty Kit Relinquished by:	Date:	Time		Method of Shipment:	
Relinquished by	Date, Time, 1620	Сотралу	Received by FedEx	Dale/Time:	Company
particularing by: FedEx	δa(e/Tifne:	Company	Received by Pala Jalman	Date/Time; 10/21/2022 9 54	сошралу ЕХ
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Com IK ID'HOU-344	Company
Custody Seals Intact: Custody Seal No. Δ Yes Δ No			Cooler Temperature(s) ^o C and Other Remarks.	Corrected Temp: 3.	
					1 00 0/80/9

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Environment Testing

💸 eurofins

Chain of Custody Record

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

Cedar Falls, 1A 50613

3019 Venture Way

Eurofins Cedar Falls

None
AsNaO2
NaZO4S
NaZO4S
NaZSO3
NaZSC03
NaZSC03
TPP Dodecehydrale
Accelore Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central LLC places the ownership of method, analyze & accreditation compliance upon out subcontract laboratory or other instructions will be provided. Any changes to laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/hests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central LLC attention immediately. It all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing North Central, LLC. Special Instructions/Note other (specify) Company EX pH 4-5 Trizma Date/Time: COMPANY I EMP: (C) IK ID:HOU-344 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon Preservation Codes: Page: Page 1 of 1 Job #: 310-242765-1 Ascorbic Acid COC No: 310-55030,1 A HCL
B NaOH
C Zn Acetate
D Nitric Acid
E NaHSO4
F MeOH G Amchlor H Ascorbic DI Water EDTA EDA Date/Time; 10/21/2022 9:54 Corrected Temp: 3, Evenistrop to TedmuM letoT 2 Date/Time Method of Shipment: Carrier Tracking No(s): Disposal By Lab State of Origin: Analysis Requested lowa Cooler Temperature(s) °C and Other Remarks: Special Instructions/QC Requirements. FedEx Matthew.Hummel@et.eurofinsus.com Accreditations Required (See note): Return To Client Received by: Received by: Received by: Lab PM: Hummel, Matthew R 4N_78_0≱\$Q XOB genq_620e\6506 Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No) BT-Tissue. Activ Preservation Code: (W=walnt S=solid, O=wastefoli, Matrix Solid Sompany Сотралу Sample (C=Comp, G=grab) Type Primary Deliverable Rank: 1 Sample Central Time (AT Requested (days): Due Date Requested: Sample Date 10/18/22 Project #: 31001320 SSOW#: Date/Time, Phone: # O.M Client Information (Sub Contract Lab) Deliverable Requested I II III IV Other (specify) Sample Identification Client ID (Lab ID) Custody Seal No Eurofins Environment Testing South Centr Possible Hazard Identification (01822PM (310-242765-1) Empty Kit Relinquished by Custody Seals Intact: △ Yes △ No Shipping/Receiving 4145 Greenbriar Dr Phone: 281-240-4200(Tel) ished by: inquished by: Inconfirmed Project Name: 10822PM ent Contact: State, Zip: TX, 77477 Stafford

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-242765-1

Login Number: 242765 List Source: Eurofins Cedar Falls

List Number: 1

Creator: Costello, Mackenzie K

Cleator. Costello, Mackelizie K		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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	Refer to Job Narrative for details.
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.	False	No sample date and/or time on COC.
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	

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Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-242765-1

Login Number: 242765
List Source: Eurofins Houston
List Number: 2
List Creation: 10/21/22 12:25 PM

Creator: Palmar, Pedro

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?	N/A	
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	

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ANALYTICAL REPORT

Eurofins Cedar Falls 3019 Venture Way Cedar Falls, IA 50613 Tel: (319)277-2401

Laboratory Job ID: 310-242770-1 Client Project/Site: 101422AM

For:

Clayton County Recycling 11645 Echo Avenue PO BOX 861 Monona, Iowa 52159

Attn: Gina Roys

Authorized for release by: 11/4/2022 2:29:35 PM

Matthew Hummel, Project Manager I

(319)595-2010

Matthew.Hummel@et.eurofinsus.com

Review your project results through

EOL

Have a Question?

Ask
The
Expert

Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Client: Clayton County Recycling Project/Site: 101422AM

Laboratory Job ID: 310-242770-1

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Sample Summary	
Client Sample Results	5
Chronicle	7
Definitions	8
Certification Summary	9
Method Summary	10
Chain of Custody	11
Receipt Checklists	15

4

5

6

8

9

Case Narrative

Client: Clayton County Recycling

Project/Site: 101422AM

Job ID: 310-242770-1

Job ID: 310-242770-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative 310-242770-1

Comments

No additional comments.

Receipt

The sample was received on 10/20/2022 8:55 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: 101422AM (310-242770-1). There was no cooling media present in the cooler.

GC Semi VOA

Method 8082A: Surrogate recovery for the following samples were outside control limits: 101422AM (310-242770-1) and (310-242765-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-369973 recovered above the upper control limit for PCB-1221. 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.

Metals

Method 6010C: The following sample(s) was diluted due to the presence of an interferent. 101422AM (310-242770-1). 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 analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 1311: Tumbled in plastic due to matrix: 101422AM (310-242770-1).

Method 3546: The following sample was provided to the laboratory with a significantly different initial weight than that required by the reference method: 101422AM (310-242770-1). The method requires 15g. The amount provided was below this range.

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-369575 and 310-369740. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

Eurofins Cedar Falls 11/4/2022

Sample Summary

Client: Clayton County Recycling

Project/Site: 101422AM

Job ID: 310-242770-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-242770-1	101422AM	Solid	10/14/22 00:00	10/20/22 08:55

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Client: Clayton County Recycling

Project/Site: 101422AM

Client Sample ID: 101422AM

Date Collected: 10/14/22 00:00 Date Received: 10/20/22 08:55 Lab Sample ID: 310-242770-1

Analyzed

Matrix: Solid

Dil Fac

Job ID: 310-242770-1

Method: SW846 8082A - Polychlori	nated Bipher	nyls (PCBs)	by Gas Chroma	atograph	າy - TCL	P	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared
PCB-1016	<4.00		4.00		ug/L		10/25/22 12:21
PCB-1221	<4.00		4.00		ug/L		10/25/22 12:21
PCB-1232	<4.00		4.00		ug/L		10/25/22 12:21
					J.		

10/27/22 16:53 10/27/22 16:53 10/27/22 16:53 PCB-1242 <4.00 4.00 ug/L 10/25/22 12:21 10/27/22 16:53 PCB-1248 <4.00 4.00 ug/L 10/25/22 12:21 10/27/22 16:53 PCB-1254 <4.00 4.00 ug/L 10/25/22 12:21 10/27/22 16:53 PCB-1260 <4.00 4.00 ug/L 10/25/22 12:21 10/27/22 16:53 PCB-1268 <4.00 4.00 10/25/22 12:21 10/27/22 16:53 ug/L Polychlorinated biphenyls, Total <4.00 4.00 ug/L 10/25/22 12:21 10/27/22 16:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	29		10 - 119	10/25/22 12:21	10/27/22 16:53	1
Tetrachloro-m-xylene	52		14 - 110	10/25/22 12:21	10/27/22 16:53	1

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

Mictiliou. Office of 100 - Mic	ctais (ioi) - ioli								
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.400		0.400		mg/L		10/26/22 08:30	10/26/22 15:35	2
Barium	<1.00		1.00		mg/L		10/26/22 08:30	10/26/22 15:35	2
Cadmium	0.198		0.0400		mg/L		10/26/22 08:30	10/26/22 15:35	2
Chromium	<0.0400		0.0400		mg/L		10/26/22 08:30	10/26/22 15:35	2
Lead	0.817		0.200		mg/L		10/26/22 08:30	10/26/22 15:35	2
Selenium	<0.200		0.200		mg/L		10/26/22 08:30	10/26/22 15:35	2
Silver	<0.0400		0.0400		mg/L		10/26/22 08:30	10/26/22 15:35	2

Method: SW846 7470A - Mercury (CVAA) - TCLP						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200	0.00200	ma/l		10/25/22 11:31	10/25/22 18:16	1

General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			10/31/22 16:43	1
Flashpoint (ASTM D92)	>200		65.0		Degrees F			10/29/22 10:55	1

General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4	HF	0.1	_	SU		_	10/25/22 16:50	1

Client Sample ID: 101422AM Lab Sample ID: 310-242770-1 Date Collected: 10/14/22 00:00 **Matrix: Solid** Date Received: 10/20/22 08:55 Percent Solids: 80.3

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

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.174	0.174	mg/Kg	-	10/24/22 13:24	10/26/22 21:15	1
PCB-1221	<0.174	0.174	mg/Kg	₽	10/24/22 13:24	10/26/22 21:15	1
PCB-1232	<0.174	0.174	mg/Kg	₽	10/24/22 13:24	10/26/22 21:15	1
PCB-1242	8.64	1.74	mg/Kg	₽	10/24/22 13:24	11/02/22 11:53	10
PCB-1248	<0.174	0.174	mg/Kg	₽	10/24/22 13:24	10/26/22 21:15	1
PCB-1254	<0.174	0.174	mg/Kg	₽	10/24/22 13:24	10/26/22 21:15	1
PCB-1260	<0.174	0.174	mg/Kg	₽	10/24/22 13:24	10/26/22 21:15	1
PCB-1268	<0.174	0.174	mg/Kg	₽	10/24/22 13:24	10/26/22 21:15	1

Eurofins Cedar Falls

Page 5 of 16

Client Sample Results

Client: Clayton County Recycling

Job ID: 310-242770-1

Project/Site: 101422AM

(SW846 9023)

Date Received: 10/20/22 08:55

Client Sample ID: 101422AM Lab Sample ID: 310-242770-1

Date Collected: 10/14/22 00:00 Matrix: Solid

Percent Solids: 80.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	131	S1+	10 - 110	10/24/22 13:24	10/26/22 21:15	1
Tetrachloro-m-xylene	16	p	10 - 110	10/24/22 13:24	10/26/22 21:15	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	6400		623		mg/Kg	<u></u>	11/02/22 15:43	11/03/22 21:00	1

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Lab Chronicle

Client: Clayton County Recycling Job ID: 310-242770-1

Project/Site: 101422AM

Client Sample ID: 101422AM

Date Collected: 10/14/22 00:00 Date Received: 10/20/22 08:55 Lab Sample ID: 310-242770-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
TCLP	Leach	1311			369575	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	3510C			369740	C3AA	EET CF	10/25/22 12:21
TCLP	Analysis	8082A		1	369973	BW2O	EET CF	10/27/22 16:53
TCLP	Leach	1311			369574	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	3010A			369773	QTZ5	EET CF	10/26/22 08:30
TCLP	Analysis	6010C		2	369995	ZRI4	EET CF	10/26/22 15:35
TCLP	Leach	1311			369574	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	7470A			369731	XXW3	EET CF	10/25/22 11:31
TCLP	Analysis	7470A		1	369783	XXW3	EET CF	10/25/22 18:16
Soluble	Leach	DI Leach			369657	WZC8	EET CF	10/25/22 08:36
Soluble	Analysis	9045D		1	369778	W9YR	EET CF	10/25/22 16:50
Total/NA	Analysis	D240-87		1	75577	PSC	EET HOU	10/31/22 16:43
Total/NA	Analysis	D92		1	370249	V7KD	EET CF	10/29/22 10:55

Client Sample ID: 101422AM

Date Collected: 10/14/22 00:00

Date Received: 10/20/22 08:55

Lab Sample ID: 310-242770-1 **Matrix: Solid**

Percent Solids: 80.3

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			369590	GW4G	EET CF	10/24/22 13:24
Total/NA	Analysis	8082A		1	369916	BW2O	EET CF	10/26/22 21:15
Total/NA	Prep	3546			369590	GW4G	EET CF	10/24/22 13:24
Total/NA	Analysis	8082A		10	370584	BW2O	EET CF	11/02/22 11:53
Total/NA	Prep	9023			75946	ADL	EET HOU	11/02/22 15:43
Total/NA	Analysis	9023		1	76284	ADL	EET HOU	11/03/22 21:00

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

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

Eurofins Cedar Falls

11/4/2022

Definitions/Glossary

Client: Clayton County Recycling Job ID: 310-242770-1

Project/Site: 101422AM

Qualifiers

GC Semi VOA

p The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

S1+ Surrogate recovery exceeds control limits, high biased.

General Chemistry

HF Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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

Eurofins Cedar Falls

11/4/2022

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Accreditation/Certification Summary

Client: Clayton County Recycling

Job ID: 310-242770-1

Project/Site: 101422AM

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)	09-29-23
Georgia	State	IA100001 (OR)	09-29-23
Illinois	NELAP	200024	11-02-22
lowa	State	007	11-02-22
Kansas	NELAP	E-10341	01-31-23
Minnesota	NELAP	019-999-319	12-31-22
Minnesota (Petrofund)	State	3349	01-18-24
North Dakota	State	R-186	09-29-23
Oregon	NELAP	IA100001	09-29-23

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	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-47	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

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Method Summary

Client: Clayton County Recycling

Project/Site: 101422AM

Job ID: 310-242770-1

lethod	Method Description	Protocol	Laboratory
082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
010C	Metals (ICP)	SW846	EET CF
470A	Mercury (CVAA)	SW846	EET CF
023	Organic Halides, Extractable (EOX)	SW846	EET HOU
45D	pH	SW846	EET CF
240-87	Heat of Combustion	ASTM	EET HOU
92	Flashpoint	ASTM	EET CF
11	TCLP Extraction	SW846	EET CF
10A	Preparation, Total Metals	SW846	EET CF
10C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
46	Microwave Extraction	SW846	EET CF
70A	Preparation, Mercury	SW846	EET CF
23	Preparation, EOX	SW846	EET HOU
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

Eurofins Cedar Falls

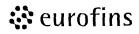
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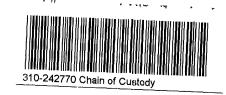
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Environment Testing America



Cooler/Sample Receipt and Temperature Log Form

Client Information	
Client: Clayon County	
City/State: CITY MONONA STATE A	Project:
Receipt Information	
Date/Time Received: DATE 10/20(20 0855	Received By:)
Delivery Type: ĎUPS ☐ FedEx	☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Servic	es Client Drop-off Other:
Condition of Cooler/Containers	ν, -
Sample(s) received in Cooler?	If yes: Cooler ID:
Multiple Coolers? ☐ Yes ☑ No	If yes: Cooler # of
Cooler Custody Seals Present? Yes No	If yes: Cooler custody seals intact? Yes
Sample Custody Seals Present? Yes No	If yes: Sample custody seals intact? Yes
Trip Blank Present? ☐ Yes ➤ No	If yes: Which VOA samples are in cooler? 1
Temperature Record of the state	3 4 4
Coolant: Wet ice Blue ice Dry	ice Other: NONE
Thermometer ID:	Correction Factor (°C):
• Temp Blank Temperature – If no temp blank, or temp blan	k temperature above critéria, proceed to Sample Container Temperature
Uncorrected Temp (°C):	Corrected Temp (°C):
Sample Container Temperature	F y E
Container(s) used:	CONTAINER 2
Uncorrected Temp	
(°C):	
(°C): Corrected Temp (°C):	
Corrected Temp (°C):	eceived same day of sampling?
Corrected Temp (°C): Exceptions Noted 1) If temperature exceeds criteria, was sample(s) re a) If yes: Is there evidence that the chilling pro	eceived same day of sampling? Yes No cess began? Yes No that the integrity of sample containers is compromised?
Corrected Temp (°C): Exceptions Noted 1) If temperature exceeds criteria, was sample(s) real of yes: Is there evidence that the chilling process. 2) If temperature is <0°C, are there obvious signs to (e.g., bulging septa, broken/cracked bottles, froz Note: If yes, contact PM before proceeding. If no, process.	eceived same day of sampling?
Corrected Temp (°C): Exceptions Noted 1) If temperature exceeds criteria, was sample(s) re a) If yes: Is there evidence that the chilling pro 2) If temperature is <0°C, are there obvious signs to (e.g., bulging septa, broken/cracked bottles, froz	eceived same day of sampling?
Corrected Temp (°C): Exceptions Noted 1) If temperature exceeds criteria, was sample(s) real of yes: Is there evidence that the chilling process. 2) If temperature is <0°C, are there obvious signs to (e.g., bulging septa, broken/cracked bottles, froz Note: If yes, contact PM before proceeding. If no, process.	eceived same day of sampling?
Corrected Temp (°C): Exceptions Noted 1) If temperature exceeds criteria, was sample(s) real of yes: Is there evidence that the chilling process. 2) If temperature is <0°C, are there obvious signs to (e.g., bulging septa, broken/cracked bottles, froz Note: If yes, contact PM before proceeding. If no, process.	eceived same day of sampling?

Document, CED-P-SAM-FRM45521

Revision: 26 Date: 27 Jan 2022

Page 12 of 16

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11/4/2022

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Seurofins Seurofins **Chain of Custody Record** Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

1.1016 313-211-2101 1 05. 313-211-2123								l		ŀ	l	ı	ı	ı	ŀ			
Client Information (Sub Contract Lab)	Sampler			Lab PM: Humm	el Mat	thew R				<u>ö</u>	Camer Tracking No(s):	cking N	:(s):		<u> შ</u>	COC No: 310-55030.1		
Cifert Contact: Shipping/Receiving	Phone.			E-Mai Matth	F Hun	mel@	E-Mai Matthew Hummel@et.eurofinsus.com	insus.c	E E	State	State of Origin: lowa	gin:			<u> </u>	Page: Page 1 of 1	!	
Company Eurofins Environment Testing South Centr				d	ccreditat	ons Req	Accreditations Required (See note):	e note):							3 K	Job #: 310-242770-1		
Address: 1118, Greenhrier Dr	Due Date Requested							Analysis	i i	Redirected	pate		l		ā.	Preservation Codes	ļ., ,	
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State, Zip: TX, 77477															<u> С</u> Ш I		Q Na2SO3	ខ្លួ
Phone. 281-240-4200(Tel)	PO #;				10										r () I	MeCH Amchlor Ascorbic Acid	S H2SO4	H2SO4 FSP Dodecahydrate
Email:	₩O#:															_		만 . 박
Project Name: 101422AM	Project #: 31001320											-			nenist ⊼ ¬			pn 4-5 Trizma other (specify)
Site:	SSOW#:				y) as	ЕОХ				-					_	Other		
Sample Identification (Client ID (1 sh ID)	Sample Date	Sample	Sample Type (C=comp,	Matrix (www.ter, S=solid, O=weste/oi	ield Filtered S Perform MS/M:	9023/9023_Prep 9023/9023_Prep									TedminM listo1	Special	Special Instructions/Note:	N. etc.
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101422AM (310-242770-1)	10/14/22	Central		Solid	_	×									7			
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Note: Since laboratory accreditations are subject to charge. Eurofins Environment Testing North Central laboratory does not currently maintain accreditation in the State of Origin isted above for analysis/lests/naccreditation status should be brought to Eurofins Environment Testing North Central, LLC attention imm	nt Testing North Central bove for analysis/lests/r entral, LLC attention imn	t, LLC places the matrix being an nediately If all	ne ownership of talyzed, the san requested acci	method, analy oples must be s reditations are o	e & accra hipped ba urrent to	editation ack to the date, ret	complian E Eurofins urn Ihe sì	ce upon s Environ gned Ch	out subc ment Te ain of Cl	ontract sting Nk Istody a	aborato orth Cen ttesting	ries. Trust, LL(tral, LL(trains and	nis sam C labora complic	ple ship atory or sance to	ment is f other ins Eurofins	LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the natrix 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 necinetiately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing North Central, LLC.	chain-of-custo provided. Any isting North Co	ody. If the changes to entral, LLC.
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Received by: Received by

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Date/Time:

Company

Corrected Temp: 3.

Cooler Temperature(s) °C and Other Remarks:

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Chain of Custody Record

Eurofins Cedar Falls

3019 Venture Way

N None
O AsNAO2
P NA2O45
Q NA2SO3
R NA2S2O3
R NA2S2O3
T TSP Dodecahydrate
U Acetone Vote: Since aboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract aboratories. This sample shipment is forwarded under chain-of-custody if the aboratory accreditation in the State of Origin isted above for analysis/lests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Oustody attesting to said complicance to Eurofins Environment Testing North Central, LLC MCAA / pH 4-5 Trizma other (specify) Special Instructions/Note. Months Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon Preservation Code HCL
NaOH
NaOH
NaOH
NaNine Acid
NaHSO4
MeOH
MeOH
Amchlor
Ascorbic Acid
Ice
DI Water
EDTA 310-242770-1 COC No: 310-55030 1 Page 1 of 1 3 Total Number of containers Method of Shipment: Carrier Tracking No(s). State of Origin: lowa Analysis Requested Special Instructions/QC Requirements. Matthew Hummel@et.eurofinsus.com Accreditations Required (See note) Return To Client сар Рм: Hummel, Matthew R × 9240_87_NP 9023/9023_Prep EOX <u>I</u>me Perform MS/MSD (Yes or No) Field Filtered Sample (Yes of No) E-Mail: Preservation Code: Matrix Solid Sample (С=сошр, G=qrab) Type Primary Deliverable Rank: 1 Sample Central Time Due Date Requested: 11/2/2022 TAT Requested (days): Sample Date 10/14/22 Project #: |31001320 |SSOW#: Phone: ₩OM Client Information (Sub Contract Lab) Deliverable Requested I II IV Other (specify Sample Identification Client ID (Lab ID) Cedar Falls, IA 50613 Phone: 319-277-2401 Fax: 319-277-2425 Eurofins Environment Testing South Centr Possible Hazard Identification 101422AM (310-242770-1) Empty Kit Relinquished by: Shipping/Receiving 4145 Greenbriar Dr 281-240-4200(Tel) Unconfirmed Project Name: 101422AM State, Zip: TX 77477 Stafford

Custody Seal No.

Custody Seals Intact.

A Yes A No

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Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-242770-1

Login Number: 242770 List Source: Eurofins Cedar Falls

List Number: 1

Creator: Costello, Mackenzie K

Ciedioi. Costello, mackelizie k						
Question	Answer	Comment				
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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	Refer to Job Narrative for details.				
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.	False	No date or time on COC or containers.				
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					

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Login Sample Receipt Checklist

Client: Clayton County Recycling Job Number: 310-242770-1

Login Number: 242770
List Number: 2
List Source: Eurofins Houston
List Number: 2
List Creation: 10/21/22 12:25 PM

Creator: Palmar, Pedro

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?	N/A	
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	True	

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<6mm (1/4").

ANALYTICAL REPORT

Eurofins Cedar Falls 3019 Venture Way Cedar Falls, IA 50613 Tel: (319)277-2401

Laboratory Job ID: 310-242772-1 Client Project/Site: 101722PM

For:

Clayton County Recycling 11645 Echo Avenue PO BOX 861 Monona, Iowa 52159

Attn: Gina Roys

11/7/2022 10:00:51 AM

Matthew Hummel, Project Manager I (319)595-2010

Matthew.Hummel@et.eurofinsus.com

Authorized for release by:

----- LINKS -----**Review your project** results through EOL **Have a Question?** Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Client: Clayton County Recycling Project/Site: 101722PM

Laboratory Job ID: 310-242772-1

Table of Contents

Cover Page	1
Table of Contents	
Case Narrative	3
Sample Summary	4
Client Sample Results	
Chronicle	7
Definitions	8
Certification Summary	9
Method Summary	10
Chain of Custody	
Receipt Chacklists	15

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Case Narrative

Client: Clayton County Recycling

Project/Site: 101722PM

Job ID: 310-242772-1

Job ID: 310-242772-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative 310-242772-1

Comments

No additional comments.

Receipt

The sample was received on 10/20/2022 8:55 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: 101722PM (310-242772-1). There was no cooling media present in the cooler.

GC Semi VOA

Method 8082A: The continuing calibration verification (CCV) associated with batch 310-369973 recovered above the upper control limit for PCB-1221. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8082A: PCB 1242 failed low on the confirmation column. Since the primary column is within criteria and the RPD between the sample results is less than 40%, reanalysis was not performed and the data has been reported.

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

Metals

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

General Chemistry

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

Organic Prep

Method 1311: Tumbled in plastic due to matrix: 101722PM (310-242772-1).

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-369575 and 310-369740. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

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Sample Summary

Client: Clayton County Recycling

Project/Site: 101722PM

Job ID: 310-242772-1

Lab Sample ID Client Sample ID		Matrix	Collected	Received
310-242772-1	101722PM	Solid	10/17/22 00:00	10/20/22 08:55

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Job ID: 310-242772-1

Client: Clayton County Recycling Project/Site: 101722PM

Lab Sample ID: 310-242772-1 Client Sample ID: 101722PM

Date Collected: 10/17/22 00:00 Matrix: Solid

Date Received: 10/20/22 08:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1221	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1232	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1242	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1248	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1254	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1260	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
PCB-1268	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
Polychlorinated biphenyls, Total	<4.00		4.00		ug/L		10/25/22 12:21	10/27/22 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	42		10 - 119				10/25/22 12:21	10/27/22 17:18	1
Tetrachloro-m-xylene	56		14 - 110				10/25/22 12:21	10/27/22 17:18	1

Method: SW846 6010C - Me	etals (ICP) - TCLP								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.200		0.200		mg/L		10/26/22 08:30	10/26/22 15:13	1
Barium	<0.500		0.500		mg/L		10/26/22 08:30	10/26/22 15:13	1
Cadmium	0.0485		0.0200		mg/L		10/26/22 08:30	10/26/22 15:13	1
Chromium	<0.0200		0.0200		mg/L		10/26/22 08:30	10/26/22 15:13	1
Lead	0.507		0.100		mg/L		10/26/22 08:30	10/26/22 15:13	1
Selenium	<0.100		0.100		mg/L		10/26/22 08:30	10/26/22 15:13	1
Silver	<0.0200		0.0200		mg/L		10/26/22 08:30	10/26/22 15:13	1
Method: SW846 7470A - Me	ercury (CVAA) - TCLF								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		10/25/22 11:31	10/25/22 18:20	1
General Chemistry									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
BTU (ASTM D240-87)	<500		500		BTU/lb			11/01/22 16:06	1
Flashpoint (ASTM D92)	>200		65.0		Degrees F			10/26/22 16:59	1
General Chemistry - Soluble									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4	HF	0.1		SU			10/28/22 10:12	1

Client Sample ID: 101722PM Lab Sample ID: 310-242772-1 Date Collected: 10/17/22 00:00 Matrix: Solid Date Received: 10/20/22 08:55 Percent Solids: 93.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.310		0.310		mg/Kg		10/24/22 13:36	11/02/22 12:53	2
PCB-1221	<0.310		0.310		mg/Kg	≎	10/24/22 13:36	11/02/22 12:53	2
PCB-1232	<0.310		0.310		mg/Kg	₽	10/24/22 13:36	11/02/22 12:53	2
PCB-1242	4.06		1.55		mg/Kg	≎	10/24/22 13:36	11/04/22 11:35	10
PCB-1248	<0.310		0.310		mg/Kg	₽	10/24/22 13:36	11/02/22 12:53	2
PCB-1254	<0.310		0.310		mg/Kg	≎	10/24/22 13:36	11/02/22 12:53	2
PCB-1260	<0.310		0.310		mg/Kg	₩	10/24/22 13:36	11/02/22 12:53	2
PCB-1268	<0.310		0.310		mg/Kg	₩	10/24/22 13:36	11/02/22 12:53	2

Eurofins Cedar Falls

11/7/2022

Page 5 of 16

Client Sample Results

Client: Clayton County Recycling

Job ID: 310-242772-1

Project/Site: 101722PM

Client Sample ID: 101722PM Lab Sample ID: 310-242772-1

Date Collected: 10/17/22 00:00 Matrix: Solid

Date Received: 10/20/22 08:55 Percent Solids: 93.1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	63	10 - 110	10/24/22 13:36	11/02/22 12:53	2
Tetrachloro-m-xylene	23	10 - 110	10/24/22 13:36	11/02/22 12:53	2
General Chemistry					

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	<537		537		mg/Kg		11/02/22 15:43	11/03/22 21:00	1
(SW846 9023)									

Eurofins Cedar Falls

Lab Chronicle

Client: Clayton County Recycling Job ID: 310-242772-1

Project/Site: 101722PM

Client Sample ID: 101722PM

Lab Sample ID: 310-242772-1 Date Collected: 10/17/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:55

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
TCLP	Leach	1311			369575	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	3510C			369740	C3AA	EET CF	10/25/22 12:21
TCLP	Analysis	8082A		1	369973	BW2O	EET CF	10/27/22 17:18
TCLP	Leach	1311			369574	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	3010A			369773	QTZ5	EET CF	10/26/22 08:30
TCLP	Analysis	6010C		1	369995	ZRI4	EET CF	10/26/22 15:13
TCLP	Leach	1311			369574	FK4Z	EET CF	10/24/22 14:00 - 10/25/22 06:00 ¹
TCLP	Prep	7470A			369731	XXW3	EET CF	10/25/22 11:31
TCLP	Analysis	7470A		1	369783	XXW3	EET CF	10/25/22 18:20
Soluble	Leach	DI Leach			370112	HE7K	EET CF	10/28/22 08:29
Soluble	Analysis	9045D		1	370139	HE7K	EET CF	10/28/22 10:12
Total/NA	Analysis	D240-87		1	75736	PSC	EET HOU	11/01/22 16:06
Total/NA	Analysis	D92		1	369926	V7KD	EET CF	10/26/22 16:59

Client Sample ID: 101722PM

Date Collected: 10/17/22 00:00

Date Received: 10/20/22 08:55

Lab Sample ID: 310-242772-1

Matrix: Solid Percent Solids: 93.1

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			369596	GW4G	EET CF	10/24/22 13:36
Total/NA	Analysis	8082A		2	370577	BW2O	EET CF	11/02/22 12:53
Total/NA	Prep	3546			369596	GW4G	EET CF	10/24/22 13:36
Total/NA	Analysis	8082A		10	370795	BW2O	EET CF	11/04/22 11:35
Total/NA	Prep	9023			75946	ADL	EET HOU	11/02/22 15:43
Total/NA	Analysis	9023		1	76284	ADL	EET HOU	11/03/22 21:00

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

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

Eurofins Cedar Falls

11/7/2022

Definitions/Glossary

Client: Clayton County Recycling

Job ID: 310-242772-1

Project/Site: 101722PM

Qualifiers

General Chemistry

HF Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

DLC

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	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)
DI RA RE IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

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)

Decision Level 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

Eurofins Cedar Falls

Page 8 of 16

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Accreditation/Certification Summary

Client: Clayton County Recycling Job ID: 310-242772-1 Project/Site: 101722PM

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)	09-29-23
Georgia	State	IA100001 (OR)	09-29-23
Illinois	NELAP	200024	11-29-22
lowa	State	007	12-01-23
Kansas	NELAP	E-10341	01-31-23
Minnesota	NELAP	019-999-319	12-31-22
Minnesota (Petrofund)	State	3349	01-18-24
North Dakota	State	R-186	09-29-23
Oregon	NELAP	IA100001	09-29-23

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	08-04-23	
Florida	NELAP	E871002	06-30-23	
Louisiana	NELAP	03054	06-30-23	
Oklahoma	State	1306	08-31-23	
Texas	NELAP	T104704215-22-47	06-30-23	
Texas	TCEQ Water Supply	T104704215	12-31-22	
USDA	US Federal Programs	P330-22-00025	03-02-23	

Method Summary

Client: Clayton County Recycling

Project/Site: 101722PM

Method **Method Description** Protocol Laboratory 8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography SW846 EET CF Metals (ICP) 6010C SW846 EET CF 7470A Mercury (CVAA) SW846 EET CF 9023 Organic Halides, Extractable (EOX) SW846 **EET HOU** 9045D рΗ SW846 EET CF D240-87 Heat of Combustion ASTM **EET HOU** D92 Flashpoint ASTM EET CF **TCLP Extraction** SW846 EET CF 1311 3010A Preparation, Total Metals SW846 EET CF Liquid-Liquid Extraction (Separatory Funnel) 3510C SW846 EET CF 3546 Microwave Extraction SW846 EET CF 7470A Preparation, Mercury SW846 EET CF 9023 Preparation, EOX SW846 **EET HOU**

Protocol References:

DI Leach

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

Deionized Water Leaching Procedure

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Job ID: 310-242772-1

EET CF

ASTM

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Environment Testing America



Cooler/Sample Receipt and Temperature Log Form

Client Information						
Client: (Quity	\ \(\lambda_{\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alpha\alph				-	
T CITY	1 (ounty	STATE 1	Dvalacti			
	10na	14	Project:	· ·	***************************************	·t
Receipt Information	ATE . I	TIME	<u> </u>			-13
Date/Time PA	10120120	0855	Received By	لل:/		·
Delivery Type: Delivery Type:	☐ FedEx	· ·	☐ FedEx Gro		JS Mail	☐ Spee-Dee
☐ Lab C	Courier 🗌 Lab Fi	eld Services	Client Dro	p-off 🔲 (Other:	
Condition of Cooler/Conta	iners				, Y	
Sample(s) received in Co	ooler? 🗌 Yes	XIN0	If yes: Coo	ler ID:		
Multiple Coolers?	☐ Yes)⊠ No	If yes: Coo	ler # of		
Cooler Custody Seals Pr	esent?	No	If yes: Coo	ler custody sea	als intact? 🗌	Yes
Sample Custody Seals P No	resent? Yes	No	<i>If yes:</i> Sam	ple custody se	als intact?	Yes
Trip Blank Present?	☐ Yes	≯E No	If yes: Whi	ch VOA sample	es are in cool	er? ↓

Temperature Record 💖	y.i.	Į .,		à	12 F	
Coolant:	☐ Blue ice	☐ Dry ice	☐ Other:		_ NC	NE
Thermometer ID:	1		Correction F	actor (°C):	10	
 Temp Blänk Temperature 	e – If no temp blank, o	or temp blank ter	mperature above	critéria, proceed t	o Sample Conta	ner Temperature
Uncorrected Temp (°C):			Corrected T	emp (°C):		
• Sample Container Tempe	erature 🖟 🗼 📜		1 5		至 扩展	t.
Container(s) used:	CONTAINER 1		ļ	CONTAINER 2		
Uncorrected Temp (°C):						
Corrected Temp (°C):						
Exceptions Noted	1 7				-i dist -e-	
	1					
If temperature exceed				y of sampling?	∐ Yes	□No
a) <i>If yes:</i> Is there ev	vidence that the c	hilling proces	ss began?		☐ Yes	□No
2) If temperature is <0°0	C. are there obvio	ous signs that	the integrity (of sample cont	ainers is com	promised?
(e g., bulging septa, t				or campio com	☐ Yes	☐ No
Note. If yes, contact P	M before proceeding	ng. If no, proce	eed with login	3	7 6 3	, F
Additional Comments					μ	₫. ^E
						į.

Document. CED-P-SAM-FRM45521 Revision: 26 Date: 27 Jan 2022

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11/7/2022

Seurofins Englarment es: America **Chain of Custody Record** Cedar Falls, IA 50613 Phone: 319-277-2401 Fax: 319-277-2425 Eurofins Cedar Falls 3019 Venture Way

	Sampler			MG de I						Car ser Tracking Mole)	Aprilyon	,(3)0		SIN COOL		
Client Information (Sub Contract Lab)				Huma	Hummel, Matthew R	hew R					0	,		310-55030.1	1.1	
Cifent Contact: Shipping/Receiving	Phone:	;		E-Mail: Matthe	₩ Hum	mel@e	E-Mail: Matthew Hummel@et.eurofinsus.com	us.com		State of Origin Iowa	Origin.			Page: Page 1 of	1	
Company: Eurofins Environment Testing South Centr				₹	screditati	ons Requ	Accreditations Required (See note)	ote)-						Job #: 310-242772-1	72-1	
Addiess 4145 Greenbriar Dr	Due Date Requested: 11/2/2022							Analysis Requested	s Red	ueste				Preservation Codes	on Codes	Hexane
City. Stafford	TAT Requested (days)	/s):												B NaOH C Zn Acetate		
State, Zio: T.X, 77477	,															
Phone: 281-240-4200(Tel)	PO#:		 											F MeOH G Amchlor H Ascorbic Acid	Acid T	
Emai	: MO #:						_							:		Acetone MCAA 7 pH 4-5
Project Name: 101722PM	Project #: 31001320			,, <u>.</u>									oulet	X _,		Trizma other (specify)
Site:	SSOW#;				ap (v	Y03		-						Other		
Sample Identification Client ID (Lab ID)	Sample Date	Sample	Sample Type (C=comp, G=grab)	Matrix (wewater S=solid, O=waste/oi BT-Tissun, A=dir)	Field Filtered : M\SM mnoheq	9023/9023_Prep							rodmili letoT	Total Mumber	cial Instru	Special Instructions/Note:
	\bigvee	X	1 (11)	on Code:	X											V
101722PM (310-242772-1)	10/17/22	Centra		Solid		×								2		
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Note: Since laboratory accreditations are subject to change. Euroffins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is nowarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/maintx 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	nt Testing North Centra	LLC places If	ne ownership of	method, analyt	& accre	ditation of	mpliance Surofins E	upon out:	subcontra of Testing	ct labora	tories. T	his samp C laborat	le shipmel ory or othe	nt is forwarded u	under chain-	of-custody. If the ed. Any changes to
accreditation status should be brought to Eurofins Environment Testing North Cen Possible Hazard Identification	intral LLC attention imr	nediately fall	requested accr	editations are o	Sam,	late, retu ole Disp	m the sign	fee ma	of Custod	/ attestin	g to said of if sar	complica nples a	nce to Eu	ent to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing North. Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	ent Testing I Than 1 mo	North Central, LLC. onth)
Unconfirmed						Retur	Return To Client	اجر		Disposal By Lab	By Lat		₹]	Archive For		Months
Deliverable Requested V Other (specify)	Primary Deliverabl	ble Rank: 1			Spec	ial Instr	Special Instructions/QC Requirements.	S Reg	iremen	žį.						
Empty Kit Relinquished by:		Date.			Time.					Me	thod of S	Method of Shipment:				
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Rejyddishyd by FedEx	}			Company	œ	Received by:	×	7	Je Pal	4		Date/Tim	10/21	Date/Time, 10/21/2022 9 54		Company EX
Relinquished by:	(Date/Time:		0	Company	œ	Received by	ķ					Date/Time:	B H ::		Company IR ID:HOU-344	Company CU-344
Custody Seals Intact: Custody Seal No.					0	ooler Ten	Cooler Temperature(s) °C and Other Remarks	ွင and (Olher Rer	narks:			CF:+1	C/F·+1.2	_ _	
1					1								Сопес	Corrected Temp: 5.	ှ	1021

Corrected Temp: 3.

Environmen⁴ T-

🐼 eurofins

Chain of Custody Record

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

Eurofins Cedar Falls

3019 Venture Way

N None
O AsNaO2
P Na2O4S
Q Na2SO3
R Na2S2O3
S H2SO4
T TSP Dodecallydrate
U Acetone Note: Since aboratory accreditations are subject to change, Eurofins Environment Testing North Central LLC places the ownership of method analyte & accreditation compliance upon out subcontract accreditation in the State of Origin isted above for analysis/tests/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 in the State of Origin isted above for analysis/tests/matrix being analyzed, the samples must be shipped back to the 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 complicance to Eurofins Environment Testing North Central LLC. Special Instructions/Note: Z olher (specify) Company EX pH 4-5 Months IR ID HOU-344 Сотрапу Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon Preservation Codes A HCL
B NaOH
C Zn Acetate
D Nint Acid
F NaHSO4
F MAD1
G Amthior
H Ascorbic Acid 310-242772-7 COC No. 310-55030 1 Page: Page 1 of 1 ice Di Water EDTA EDA Date/Time 10/21/2022 9-54 . Temp. **/ 9** C/F +1.2 eranistnos to redmuN istoT Date/Time: Date/Time Method of Shipment: Carrier Tracking No(s): State of Origin: **Analysis Requested** lowa Cooler Temperature(s) ^aC and Other Remarks: Special Instructions/QC Requirements. FedEx Matthew Hummel@et.eurofinsus.com Accreditations Required (See note): Received by: Lab Pwr Hummel Matthew R E-Mai Received by: Received by × D240_67_NP × 9023/9023_Prep EOX (off to say) GSMISM (michae Ë. Field Filtered Sample (Yes or No) Preservation Code: Matrix Solid Company Company (С=сошр, G=grab) Sample Type Primary Deliverable Rank. Sample Central Tîne AT Requested (days) Due Date Requested: Sample Date 10/17/22 Project #: 31001320 11/2/2022 Date/Time: # OM # Oc Client Information (Sub Contract Lab) Deliverable Requested. I. III IV. Other (specify) Custody Seal No Sample Identification Client ID (Lab ID) Eurofins Environment Testing South Centr Fedex Possible Hazard Identification 101722PM (310-242772-1) Empty Kit Relinquished by: Custody Seals Intact.

A Yes A No Shipping/Receiving 4145 Greenbriar Dr 281-240-4200(Tel) Unconfirmed elinquished by State, Zip: TX, 77477 Nient Contact roject Name: 101722PM Stafford Ë

Login Sample Receipt Checklist

Client: Clayton County Recycling

Job Number: 310-242772-1

Login Number: 242772 List Source: Eurofins Cedar Falls

List Number: 1

Creator: Costello, Mackenzie K

Cleator. Costello, Mackelizie K		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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	Refer to Job Narrative for details.
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.	False	No date or time on COC or containers.
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	

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Login Sample Receipt Checklist

Client: Clayton County Recycling Job Number: 310-242772-1

Login Number: 242772 **List Source: Eurofins Houston** List Number: 2 List Creation: 10/21/22 12:25 PM

Creator: Palmar, Pedro

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?	N/A	
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	True	

<6mm (1/4").