

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

Attn: Matt Thelen  
WDC Acquisition LLC  
1746 Commerce Rd  
Creston, Iowa 50801

Generated 5/29/2026 9:27:54 AM

**JOB DESCRIPTION**

TCLP

**JOB NUMBER**

310-332215-1

# Eurofins Cedar Falls

## Job Notes

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

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

## Authorization



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Authorized for release by  
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# Case Narrative

Client: WDC Acquisition LLC  
Project: TCLP

Job ID: 310-332215-1

**Job ID: 310-332215-1**

**Eurofins Cedar Falls**

## Job Narrative 310-332215-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 5/15/2026 9:50 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 12.1°C.

### Metals

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: WDC Acquisition LLC  
Project/Site: TCLP

Job ID: 310-332215-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-332215-1	Foundry Sand	Solid	05/14/26 09:30	05/15/26 09:50	Iowa

---

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

# Client Sample Results

Client: WDC Acquisition LLC  
Project/Site: TCLP

Job ID: 310-332215-1

**Client Sample ID: Foundry Sand**

**Lab Sample ID: 310-332215-1**

Date Collected: 05/14/26 09:30

Matrix: Solid

Date Received: 05/15/26 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0100		0.0100		mg/L		05/28/26 07:19	05/29/26 01:37	1
<b>Barium</b>	<b>0.0865</b>		0.0100		mg/L		05/28/26 07:19	05/29/26 01:37	1
Cadmium	<0.00200		0.00200		mg/L		05/28/26 07:19	05/29/26 01:37	1
<b>Chromium</b>	<b>0.0271</b>		0.0100		mg/L		05/28/26 07:19	05/29/26 01:37	1
Lead	<0.00500		0.00500		mg/L		05/28/26 07:19	05/29/26 01:37	1
Selenium	<0.0100		0.0100		mg/L		05/28/26 07:19	05/29/26 01:37	1
Silver	<0.00500		0.00500		mg/L		05/28/26 07:19	05/29/26 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200		ug/L		05/28/26 08:45	05/28/26 13:56	1

# Lab Chronicle

Client: WDC Acquisition LLC  
Project/Site: TCLP

Job ID: 310-332215-1

**Client Sample ID: Foundry Sand**

**Lab Sample ID: 310-332215-1**

**Date Collected: 05/14/26 09:30**

**Matrix: Solid**

**Date Received: 05/15/26 09:50**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			867920	AC	EET CHI	05/26/26 15:11 - 05/27/26 09:11 <sup>1</sup>
TCLP	Prep	3010A			868335	BDE	EET CHI	05/28/26 07:19 - 05/28/26 13:19 <sup>1</sup>
TCLP	Analysis	6010D		1	868551	SJ	EET CHI	05/29/26 01:37
TCLP	Leach	1311			867920	AC	EET CHI	05/26/26 15:11 - 05/27/26 09:11 <sup>1</sup>
TCLP	Prep	7470A			868381	MJG	EET CHI	05/28/26 08:45 - 05/28/26 10:45 <sup>1</sup>
TCLP	Analysis	7470A		1	868474	MJG	EET CHI	05/28/26 13:56

<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 CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

# Definitions/Glossary

Client: WDC Acquisition LLC  
Project/Site: TCLP

Job ID: 310-332215-1

## 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: WDC Acquisition LLC  
Project/Site: TCLP

Job ID: 310-332215-1

## Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Georgia	State	N/A	05-31-27
Georgia (DW)	State	939	05-31-26
Illinois	NELAP	100201	05-25-27
Indiana	State	C-IL-02	05-31-26
Iowa	State	082	05-01-28
Kansas	NELAP	E-10161	10-31-26
Kentucky (UST)	State	108083	05-31-27
Kentucky (WW)	State	KY90023	12-31-26
Louisiana (All)	NELAP	02046	06-30-26
Minnesota	NELAP	017-999-506	12-31-26
Mississippi	State	NA	05-31-26
North Carolina (WW/SW)	State	291	12-31-26
Oklahoma	State	8908	12-31-26
South Carolina	State	77001	05-31-26
USDA	US Federal Programs	525-25-237-16455	08-25-28
Wisconsin	State	399172840	08-31-26
Wyoming	State	8TMS-Q	05-31-27

# Method Summary

Client: WDC Acquisition LLC  
Project/Site: TCLP

Job ID: 310-332215-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
1311	TCLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

**Protocol References:**

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

**Laboratory References:**

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200





Environment Testing  
America



310-332215 Chain of Custody

Cooler/Sample Receipt and Temperature Log FORM

<b>Client Information</b>			
Client: <u>WDC</u>			
City/State:	CITY	STATE	Project:
<b>Receipt Information</b>			
Date/Time Received:	DATE	TIME	Received By:
	<u>5/15/22</u>	<u>0950</u>	<u>[Signature]</u>
Delivery Type: <input type="checkbox"/> UPS <input checked="" 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 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 checked="" 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: <u>B13</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):		Corrected Temp (°C):	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
	<u>16 02</u>	<u>→</u>	
Uncorrected Temp (°C):	<u>12.1</u>	<u>12.4</u>	
Corrected Temp (°C):	<u>12.1</u>	<u>12.4</u>	
<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>			



**Eurofins Cedar Falls**

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

**Chain of Custody Record**

1 of 15

<b>Client Information</b> Client Contact: Matt Thelen Company: WDC Acquisition LLC Address: 1746 Commerce Rd City: Creston State/Zip: IA, 50801 Phone: Email: matt.thelen@wellmandynamics.com Project Name: TCCLP Site:		Lab PM: Connor M E-Mail: Connor.Calhoun@et.eurofinsus.com Carrier Tracking No(s): 310-121286-27458 1 State of Origin:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: Purchase Order not required WO #: Project #: 31002529 SSOW#:		PWSID: Analysis Requested:	
Sample Identification Foundry Sand		Total Number of Containers:	
Sample Date: 5/14/26 9:30A Sample Time:		Perform MS/MSD (Yes or No): N Field Filtered Sample (Yes or No): X	
Sample Type (C=comp, G=grab): C Preservation Code: Solid		Special Instructions/Note:	
Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air, DW=drinking water):		Preservation Codes: N - None Other:	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I II III IV Other (specify):			
Empty Kit Relinquished by: Matt Thelen Relinquished by: Date/Time: 5/14/26 10:00 AM Company: WDC Relinquished by: Date/Time: Company: Relinquished by: Date/Time: Company:			
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks:			



**Eurofins Cedar Falls**

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

**Chain of Custody Record**



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<b>Client Information (Sub Contract Lab)</b>		Sampler: N/A		Lab PM: Calhoun, Conner M		Carrier Tracking No(s): N/A		COC No: 310-94381 1	
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Conner.Calhoun@et.eurofinsus.com		State of Origin: Iowa		Page: Page 1 of 1	
Company: Eurofins Environment Testing North Centr				Accreditations Required (See note): State Program Iowa				Job #: 310-332215-1	
Address: 18410 Crossing Drive, Suite E,		Due Date Requested: 5/26/2026		<b>Analysis Requested</b>				Preservation Codes:	
City: Tinley Park		TAT Requested (days): N/A							
State, Zip: IL, 60487		PO #: N/A		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 6010D/1311_TRCRA-Metals Hg 7470A/1311_T		Total Number of containers: N/A		Other: N/A	
Phone: 708-534-5200(Tel) 708-534-5211(Fax)		WO #: N/A							
Email: N/A		Project #: 31002529		310-332215 COC		Special Instructions/Note:			
Project Name: TCLP		SSOW#: N/A							
Site: N/A									
<b>Sample Identification - Client ID (Lab ID)</b>		<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type (C=Comp, G=grab)</b>	<b>Matrix (W=water, S=solid, O=wast/woil, BT=TISSUE, A=Air)</b>	<b>Field Filtered Sample (Yes or No)</b>	<b>Perform MS/MSD (Yes or No)</b>	<b>Total Number of containers</b>	<b>Special Instructions/Note</b>
Foundry Sand (310-332215-1)		5/14/26	09:30 Central	G	Solid	X	X	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 analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.</p>									
<b>Possible Hazard Identification</b>					<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>				
Unconfirmed					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months				
Deliverable Requested: I II III, IV Other (specify)					Primary Deliverable Rank: 1				
					Special Instructions/QC Requirements.				
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:		
Relinquished by: <i>[Signature]</i>			Date/Time: 5/15/26 1740		Company:		Received by: <i>[Signature]</i>		Date/Time: 5/16/26 0950
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.			Cooler Temperature(s) °C and Other Remarks: 28-27 48hr				



## Login Sample Receipt Checklist

Client: WDC Acquisition LLC

Job Number: 310-332215-1

**Login Number: 332215**

**List Source: Eurofins Cedar Falls**

**List Number: 1**

**Creator: Hirsch, Preston**

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	Thermal preservation not required.
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: WDC Acquisition LLC

Job Number: 310-332215-1

**Login Number: 332215**

**List Number: 2**

**Creator: Babayode, Daniel**

**List Source: Eurofins Chicago**

**List Creation: 05/16/26 12:16 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
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	2.7
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

