



April 8, 2025

Mr. Michael Smith  
Land Quality Bureau  
Iowa Department of Natural Resources  
6200 Park Avenue, Suite 200  
Des Moines, IA 50321

**RE: Metro Park East – Phase II MSWLF Unit and Former CWTS  
Permit No. #77-SDP-01-72P  
February 2025 Verification Results and Notice of SSI**

Dear Mr. Smith,

On behalf of Metro Waste Authority (MWA), HDR Engineering, Inc. (HDR) has prepared this letter to provide the Iowa Department of Natural Resources (IDNR) with laboratory analytical results from the February 24, 2025, verification monitoring event, and a summary of the monitoring program for the next compliance monitoring event at the Metro Park East (MPE) Phase II municipal solid waste landfill (MSWLF) Unit and Former Constructed Wetlands Treatment System (CWTS). Based on the analytical and statistical results from the Fall 2024 semiannual compliance monitoring event, zinc was detected above the upper prediction limit (UPL) at monitoring location GU-3. A verification monitoring event was conducted to evaluate if zinc at GU-3 exceeded the UPL when using the 1-of-2 verification sampling method. The February 2025 verification monitoring event field sampling form and laboratory analytical report are attached. The analytical concentrations of the original and verification samples, are summarized on the table below:

Sample Date	Zinc (mg/L) [GU-3]
Original Sample (October 2024)	<b>3.05</b>
Verification Sample (February 2025)	<b>0.492</b>
Interwell Upper Prediction Limit	0.456

**Notes:**

mg/L = milligrams per liter

**Bold** indicates a concentration that exceeds the interwell upper prediction limit.

The February 2025 verification event zinc concentration collected from groundwater underdrain GU-3 was significantly lower than the concentration measured in the October 2024 compliance event. However, the concentration exceeded the UPL for zinc. Since 2-of-2 sampling events indicate concentrations are above the UPL, a statistically significant increase (SSI) was verified for zinc at GU-3.

Per Iowa Administrative Code (IAC) 567 – 113.10(5)“c”(1), a notice of an SSI finding has been placed in the operating record for the constituent-monitoring location pair as well as a notification submitted to IDNR



indicating the notice was placed in the operating record. This letter serves as notice of the SSI verification for zinc at groundwater underdrain GU-3.

The increase in zinc concentration in the samples collected from groundwater underdrain GU-3 could be related to an alternative source. The alternative source is assumed to be atmospheric and wind-blown sediment entering the sump where the GU-3 groundwater sample is collected. The GU-3 sump is enclosed in a roll-top, plastic storage container to protect it from the elements. During a wind event prior to the Fall 2024 semiannual compliance monitoring event, the roll-top lid was blown off of the storage container and exposing the top of the sump to the elements. It is assumed that dust and sediment infiltrated the sump and potentially impacted the groundwater sample collected from the sump. As indicated on the attached Time Series graph for zinc at GU-3, the October 2024 concentration was the second highest zinc concentration recorded at 3.05 milligrams per liter (mg/L). The highest zinc concentration measured from GU-3 is considered an outlier at a concentration of 11.6 mg/L (July 23, 2020).

During the February 2025 verification monitoring event, the dedicated bailer was replaced with a new, unused bailer prior to sample collection. This was intended to reduce any residual materials that may have collected on the former bailer from influencing the groundwater sample. With the significant reduction in zinc concentration when comparing the February 2025 sample to the October 2024 sample, the new bailer could have contributed to that reduction. In addition, there may still be some residual wind-blown sediment in the sump that hasn't fully flushed out of the system.

During the February 2025 verification monitoring event, the sump lid was evaluated for potential points of entry where wind-blown sediment could enter. The field staff indicated that sediment could have entered through quick-connect and vapor monitoring fittings on the sump lid. It was also discussed that sediment deposited on top of the sump lid could have been inadvertently transferred into the sump or to the groundwater sample containers directly when conducting the sample collection. Based on these assumptions, MWA is planning to replace the plastic storage container enclosing the sump for GU-3. The replacement structure is tentatively scheduled for installation by the end of April 2025. It is recommended that field personnel conducting the sample collection clean off dust or sediment on the top of the sump lid and its fittings prior to opening the sampling access port on the lid and replace nitrile gloves prior to filling sample containers.

To further evaluate this alternative source, MWA plans to conduct additional sampling to verify if elevated zinc is discharging from groundwater underdrain GU-3 into a Water of the United States. During the Spring 2025 semiannual compliance monitoring event, a groundwater sample will be collected from the GU-3 sump and analyzed for zinc and total suspended solids (TSS). In addition, another sample will be collected at the point where GU-3 daylight into the drainage ditch immediately southwest of the sump and analyzed for zinc and TSS. These samples will be evaluated to see if there are differences in sample collection from within the sump versus where the discharge occurs at the ground surface. In addition, the sampling will be conducted in accordance with IDNR's Memorandum of Understanding regarding passive engineered conveyance structures used at landfills for volatilizing organic compounds from underdrain systems, dated August 7, 2012. The guidance allows for a sample to be collected and analyzed at a point



prior to groundwater discharge to a Water of the United States. The point where GU-3 daylights is downgradient of the GU-3 sump, but upgradient of other underdrain discharges and upstream of a water body that is considered a Water of the United States. Pending the results of the additional sampling at GU-3, IDNR will be contacted to discuss maintaining GU-3 as a detection monitoring location or if the underdrain needs to be connected to the site's leachate collection system.

If there are any questions regarding this submittal, please do not hesitate to contact Richard Wilson at (402) 392-6714.

Sincerely,  
HDR Engineering, Inc.

A handwritten signature in blue ink, appearing to read 'Richard Wilson'.

Richard Wilson  
*Environmental Project Manager (Solid Waste)*


A handwritten signature in blue ink, appearing to read 'Dan Bacehowski'.

Dan Bacehowski  
*Environmental Practice Lead (Solid Waste)*

cc: Mr. Matthew Morris, Metro Waste Authority  
Mr. Andrew Phillips, Metro Waste Authority

This Page Intentionally Left Blank.

**Low Stress Groundwater Sampling Data Sheet**

	Facility Name: Metro Park East	Sampler Name(s): Mike Walsh
	MW Identification: 60-3	Date/Time: 2/24/25 15:00
	Sample Number: 40-3	PID Readings: N/A
	Weather Conditions: Cloudy 58°	
	Wellhead Inspection: No cover to shed	

**Visual Inspection:**

- |   |          |                                   |          |
|---|----------|-----------------------------------|----------|
| 1. Survey Mark Present: (Yes/No)        | Yes / No | 5. Standing/Ponded Water (Yes/No) | Yes / No |
| 2. Collision/Vandalism Damage: (Yes/No) | Yes / No | 6. Frost Heaving (Yes/No)         | Yes / No |
| 3. Casing Degradation: (Yes/No)         | Yes / No | 7. Lock in Place (Yes/No)         | Yes / No |
| 4. Well Subsidence: (Yes/No)            | Yes / No |                                   |          |

**Ground Water Measurements/Purge data:**

- |  |           |                                   |                      |
|--|-----------|-----------------------------------|----------------------|
| 1. Static Water Level (±0.01 feet [ft.]) | N/A       | 6. Purge Rate (mL/min)            | N/A                  |
| 2. Bottom of casing (±0.01 ft.)          | N/A       | 7. Water Level Measuring Equip.   | Bailer N/A           |
| 3. Casing Diameter (inches)              | N/A       | 8. Purge Equipment Used           | No                   |
| 4. Actual Volume of Water Purged (mL)    | N/A       | 9. Dedicated? (Yes/No)            | Yes / No             |
| 5. Purge Water Characteristics:          |           | 10. Immiscible layer observed     | Yes / No             |
| Odor <del>N/A</del>                      | Turbidity | 11. Thickness of immiscible layer | N/A                  |
| Color <del>Slight Brown/Red</del>        | N/A       | 12. Drive Gas (Air/Nitrogen)      | AIR / NITROGEN / N/A |
|  | Moderate  |                                   |                      |

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<div style="font-size: 2em; color: red; opacity: 0.5; transform: rotate(-45deg); position: absolute; top: 50%; left: 50%;">                     Grab Sample                 </div>								

Well evacuated to dryness?	Yes / No	Time to recharge (min):	N/A
1. Sample Filtered?	Yes / No	6. Sample Time:	15:00
2. Sampling Equip. Used	Bailer	7. Parameter/Container/Pres.	See Attached COC
3. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A		
4. Sample Rate (mL/min)	N/A		
5. Sample Appearance:	<del>No</del>	8. Other Information:	
Turbidity	Moderate		
Color	Slight Brown/Rd		
Odor	N/A		

9. Decontamination Procedures:	Alconox/DI Rinse			
10. Instrument type:	YSI ProDSS			
Calibration Date:	LAB			
Calibration Time:	LAB			
	<table style="width:100%; border: none;"> <tr> <td style="width:33%; text-align: center;">Std.</td> <td style="width:33%; text-align: center;">Reading</td> <td style="width:33%; text-align: center;">Adjust.</td> </tr> </table>	Std.	Reading	Adjust.
Std.	Reading	Adjust.		
pH				
Conduct.				
ORP				
D.O.				
Turbidity				

See attached Lab Form for Calibration Data

\* Replaced dedicated bailer  
 \* No cover to shed since before fall sampling event  
 \* Sample ports open on top of lid

This Page Intentionally Left Blank.



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Richard Wilson  
HDR Inc  
1917 S 67th Street  
Omaha, Nebraska 68106

Generated 3/6/2025 3:54:06 PM

## JOB DESCRIPTION

Metro Park EAST-GU-3

## JOB NUMBER

310-300844-1

# Eurofins Cedar Falls

## Job Notes

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

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

## Authorization



Generated  
3/6/2025 3:54:06 PM

Authorized for release by  
Conner Calhoun, Client Service Manager  
[Conner.Calhoun@et.eurofinsus.com](mailto:Conner.Calhoun@et.eurofinsus.com)  
(319)277-2401





# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Case Narrative . . . . .	4
Sample Summary . . . . .	5
Detection Summary . . . . .	6
Client Sample Results . . . . .	7
Definitions . . . . .	8
QC Sample Results . . . . .	9
QC Association . . . . .	10
Chronicle . . . . .	11
Certification Summary . . . . .	12
Method Summary . . . . .	13
Chain of Custody . . . . .	14
Receipt Checklists . . . . .	16

# Case Narrative

Client: HDR Inc  
Project: Metro Park EAST-GU-3

Job ID: 310-300844-1

**Job ID: 310-300844-1**

**Eurofins Cedar Falls**

## **Job Narrative 310-300844-1**

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

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

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

### **Receipt**

The sample was received on 2/25/2025 4:30 PM. 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 0.8°C.

### **Metals**

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

### **General Chemistry**

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

Eurofins Cedar Falls

# Sample Summary

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
310-300844-1	GU-3	Water	02/24/25 15:00	02/25/25 16:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Detection Summary

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

**Client Sample ID: GU-3**

**Lab Sample ID: 310-300844-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.492		0.0200	0.00970	mg/L	1		6020B	Total/NA
Total Suspended Solids	22.0		5.00	3.70	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls



# Client Sample Results

Client: HDR Inc  
 Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

**Client Sample ID: GU-3**

**Lab Sample ID: 310-300844-1**

Date Collected: 02/24/25 15:00

Matrix: Water

Date Received: 02/25/25 16:30

**Method: SW846 6020B - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.492		0.0200	0.00970	mg/L		03/03/25 09:00	03/06/25 13:47	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	22.0		5.00	3.70	mg/L			02/26/25 08:27	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Definitions/Glossary

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

## 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

# QC Sample Results

Client: HDR Inc  
 Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

## Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-447744/1-A  
 Matrix: Water  
 Analysis Batch: 448288

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 447744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.0200		0.0200	0.00970	mg/L		03/03/25 09:00	03/06/25 12:36	1

Lab Sample ID: LCS 310-447744/2-A  
 Matrix: Water  
 Analysis Batch: 448288

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 447744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.200	0.2324		mg/L		116	80 - 120

## Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-447532/1  
 Matrix: Water  
 Analysis Batch: 447532

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	3.70	mg/L			02/26/25 08:27	1

Lab Sample ID: LCS 310-447532/2  
 Matrix: Water  
 Analysis Batch: 447532

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	98.00		mg/L		98	81 - 116

# QC Association Summary

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

## Metals

### Prep Batch: 447744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-300844-1	GU-3	Total/NA	Water	3005A	
MB 310-447744/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-447744/2-A	Lab Control Sample	Total/NA	Water	3005A	

### Analysis Batch: 448288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-300844-1	GU-3	Total/NA	Water	6020B	447744
MB 310-447744/1-A	Method Blank	Total/NA	Water	6020B	447744
LCS 310-447744/2-A	Lab Control Sample	Total/NA	Water	6020B	447744

## General Chemistry

### Analysis Batch: 447532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-300844-1	GU-3	Total/NA	Water	I-3765-85	
MB 310-447532/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-447532/2	Lab Control Sample	Total/NA	Water	I-3765-85	



# Lab Chronicle

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

**Client Sample ID: GU-3**

**Lab Sample ID: 310-300844-1**

**Date Collected: 02/24/25 15:00**

**Matrix: Water**

**Date Received: 02/25/25 16:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			447744	Y3EC	EET CF	03/03/25 09:00
Total/NA	Analysis	6020B		1	448288	NFT2	EET CF	03/06/25 13:47
Total/NA	Analysis	I-3765-85		1	447532	DGU1	EET CF	02/26/25 08:27

**Laboratory References:**

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



# Accreditation/Certification Summary

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

## Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Method Summary

Client: HDR Inc  
Project/Site: Metro Park EAST-GU-3

Job ID: 310-300844-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.  
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

**Laboratory References:**

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





Environment Testing  
America



310-300844 Chain of Custody

### Cooler/Sample Receipt and Temperature Log Form

<b>Client Information</b>			
Client <u>Metro Waste</u>			
City/State:	CITY <u>Des Moines</u>	STATE <u>IA</u>	Project:
<b>Receipt Information</b>			
Date/Time Received.	DATE <u>2-25-25</u>	TIME <u>1630</u>	Received By. <u>PH</u>
Delivery Type. <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
<b>Condition of Cooler/Containers</b>			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> NONE		
Thermometer ID:	<u>P</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):	<u>0.8</u>	Corrected Temp (°C):	<u>0.8</u>
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C)			
Corrected Temp (°C)			
<b>Exceptions Noted</b>			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No			
a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding If no, proceed with login			
<b>Additional Comments</b>			



**Eurofins Cedar Falls**

3019 Venture Way  
Cedar Falls, IA 50613  
Phone (319) 277-2401 Phone (319) 277-2425

**Chain of Custody Record**

US - 1 - C U S T O M E R S 0 5 2 7  
eurofins

<b>Client Information</b> Client Contact: Andrew Phillips Company: Metro Waste Authority-Drm Address: 300 East Locust Street Suite 100 City: Des Moines State Zip: IA, 50309-1864 Phone: 402-392-6714(Tel) Email: aph@mwaoday.com Project Name: Metro Park EAST - GU-3 Site:		Lab PM: Calhoun E-Mail: Conner.M Carrier Tracking No(s): State of Origin: Job #:		COC No: 310-103558-27664 1 Page: Page 1 of 1	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: Purchase Order not required WO #:		Analysis Requested		Preservation Codes D - HNO3 N - None Other:	
Sample Identification GU-3		Sample Date: 2/24/25 Sample Time: 1500 Sample Type (C=Comp, G=grab): b Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air): Water		Perform MS/MSD (Yes or No): Field Filtered Sample (Yes or No): 6020B - Zinc Only: D N X X L_3766_86 - TSS: D N X X	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Special Instructions/Note: Total Number of containers: 2		Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month ) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by:		Date:		Method of Shipment:	
Relinquished by: Michael Walsh		Date/Time: 2/24/25 16:15		Received by: HDR Date/Time: 2-26-25 16:30 Company:	
Relinquished by:		Date/Time:		Received by:	
Relinquished by:		Date/Time:		Received by:	
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:	



## Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-300844-1

**Login Number: 300844**

**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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This Page Intentionally Left Blank.

