

Our ref: 12602792-LTR-14

February 12, 2024

Ashley Lesser
Michigan Department of Environment
Great Lakes & Energy (EGLE)
Remediation and Redevelopment Division
Jackson District Office
301 East Louis Glick Highway
Jackson, Michigan 49201556

**Thallium Sampling Update Summary
Former Willow Run Powertrain Property
Ypsilanti, Michigan**

Dear Ms. Lesser:

On behalf of Revitalizing Auto Communities Environmental Response Trust (RACER), GHD Services Inc. (GHD) has prepared this letter to provide a summary of the analytical results from nine monitoring wells that were resampled for thallium in December 2023 at the Former Willow Run Powertrain Property (Site) in Ypsilanti, Michigan.

As discussed in the 2023 Groundwater Sampling Summary & Update letter dated December 8, 2023, thallium concentrations exceeding EGLE generic cleanup criteria were observed in nine wells in 2023 only and were not observed in the previous sampling years. Three wells are located on the southwest corner of the Site and six wells are located along the southeast perimeter of the Site, as shown in Figure 1. During the 2023 event, the groundwater samples were inadvertently analyzed using a different laboratory method for metals analysis than what was previously used during the annual events from 2021 and 2022. Method 6020A was used in 2021 and 2022, while method SW846/6010D was used in 2023. The method used in 2023 had higher reporting limits and method detection limits when compared to the method used in 2021 and 2022. There were no major changes to Site conditions that would have increased the thallium concentrations since the previous sampling events in 2021 and 2022, therefore the nine wells were resampled to confirm the results.

Groundwater samples were collected from each of the nine wells following completion of low flow purging (LFP) procedures and analyzed for thallium. If the turbidity in a stabilized monitoring well was not below 5 NTU at the conclusion of LFP efforts, an additional dissolved thallium sample was collected and field filtered. Upon completion of sample collection, samples were immediately stored in an insulated cooler with ice and coolers were subsequently submitted to Eurofins Environment Testing for laboratory analysis using standard chain-of-custody protocols.

Samples were analyzed using the May 2023 analytical method (SW6010) as well as the previous analytical method used in 2021 and 2022 (SW6020). The laboratory report is provided in Attachment 1 and the sample IDs listed in Table 1 can be used to correlate the analytical results to the corresponding monitoring well. Table 2 presents a summary data table of groundwater thallium results. Results from May 2021, May 2022, May and December 2023 are included for comparison purposes.

There were no exceedances observed (for either method) for the nine wells in December 2023. All results from method SW6010 were non detect; however, the detection limits were above criteria. Method SW6020 had lower detection limits below the criteria and showed a better representation of the thallium results that are similar with previous results from May 2021 and 2022. The December 2023 thallium data confirm that the May 2023 thallium results were anomalous and inconsistent with prior, and the most recent sample data. If additional metals sampling is needed at the Site, method SW6020 will be the only method used.

The December 2023 sampling results support the conclusions that, there is no risk to human health or the environment and no further routine groundwater monitoring to be conducted at the Site as described in the *2023 Groundwater Sampling Event* letter submitted to EGLE on December 8, 2023.

If you have any questions, please let us know.

Regards,



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Graduate Environmental Engineer

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LK/mg/LTR-14

Copy to: Chris Svoboda, EGLE
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Attachment 1 Laboratory Report



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Project Manager

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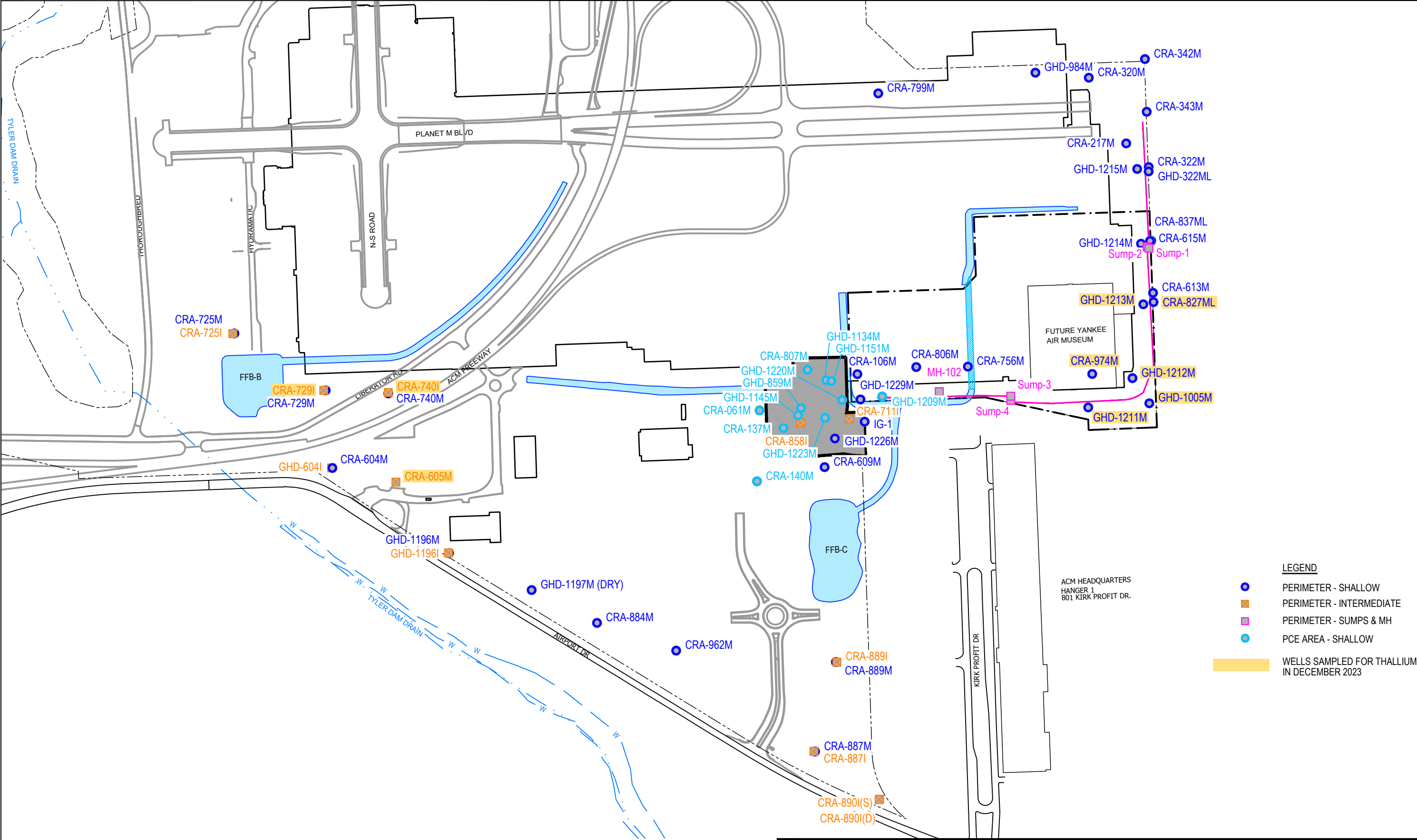


Table 1

**December 2023 Sample Key
Former Willow Run Powertrain Property**

Location ID	Location Description	Sample ID	Collection Date
CRA-605M	Southwest	GW-12602792-231212-BB-012	12/12/2023
CRA-729I	Southwest	GW-12602792-231212-LK-013	12/12/2023
CRA-740I	Southwest	GW-12602792-231212-LK-014	12/12/2023
CRA-827ML	Southeast	GW-12602792-231212-JY-009	12/12/2023
CRA-974M	Southeast	GW-12602792-231212-BB-016	12/12/2023
GHD-1005M	Southeast	GW-12602792-231212-JY-010	12/12/2023
GHD-1211M	Southeast	GW-12602792-231212-BB-015	12/12/2023
GHD-1212M	Southeast	GW-12602792-231212-JY-011	12/12/2023
GHD-1213M	Southeast	GW-12602792-231212-JY-008	12/12/2023

Thallium Analytical Results 2021-2023
Former Willow Run Powertrain Property

Sample Location	Aquifer	Sample Identification	Sample Date	Sample Type	Analytical Method	Thallium mg/L	Thallium (dissolved) mg/L
CRA-605M	Intermediate	GW-11223073-051121-DR-018	05/11/2021		SW6020	0.002 U	--
CRA-605M	Intermediate	GW-11223073-053122-AC-026	05/31/2022		SW6020	0.001 U	0.001 U
CRA-605M	Intermediate	GW-12602792-051523-CM-022	05/15/2023		SW6010	0.006 J ^{xabc}	--
CRA-605M	Intermediate	GW-12602792-231212-BB-012	12/12/2023		SW6010	0.02 U	--
CRA-605M	Intermediate	GW-12602792-231212-BB-012	12/12/2023		SW6020	0.001 U	--
CRA-729I	Intermediate	GW-11223073-051221-DR-029	05/12/2021		SW6020	0.002 U	--
CRA-729I	Intermediate	GW-11223073-060222-AC-041	06/02/2022		SW6020	0.001 U	--
CRA-729I	Intermediate	GW-12602792-051523-DR-033	05/15/2023		SW6010	0.0065 J ^{xabc}	--
CRA-729I	Intermediate	GW-12602792-231212-LK-013	12/12/2023		SW6010	0.02 U	--
CRA-729I	Intermediate	GW-12602792-231212-LK-013	12/12/2023		SW6020	0.001 U	--
CRA-740I	Intermediate	GW-11223073-051221-DR-031	05/12/2021		SW6020	0.002 U	--
CRA-740I	Intermediate	GW-11223073-060222-AC-043	06/02/2022		SW6020	0.001 U	--
CRA-740I	Intermediate	GW-12602792-051523-DR-024	05/15/2023		SW6010	0.0069 J ^{xabc}	--
CRA-740I	Intermediate	GW-12602792-231212-LK-014	12/12/2023		SW6010	0.02 U	--
CRA-740I	Intermediate	GW-12602792-231212-LK-014	12/12/2023		SW6020	0.00039 J	--
CRA-827ML	Lower Shallow	GW-11223073-051021-DR-010	05/10/2021		SW6020	0.002 U	--
CRA-827ML	Lower Shallow	WG-11223073-052622-AC-003	05/26/2022		SW6020	0.001 U	--
CRA-827ML	Lower Shallow	GW-12602792-051723-LK-056	05/17/2023		SW6010	0.012 J ^{xabc}	--
CRA-827ML	Lower Shallow	GW-12602792-051723-LK-058	05/17/2023	Duplicate	SW6010	0.0058 J ^{xabc}	--
CRA-827ML	Lower Shallow	GW-12602792-231212-JY-009	12/12/2023		SW6010	0.02 U	--
CRA-827ML	Lower Shallow	GW-12602792-231212-JY-009	12/12/2023		SW6020	0.00033 J	--
CRA-974M	Shallow	GW-11223073-051121-DR-015	05/11/2021		SW6020	0.002 U	--
CRA-974M	Shallow	WG-11223073-052622-LK-006	05/26/2022		SW6020	0.00027 J	0.001 U
CRA-974M	Shallow	GW-12602792-051723-LK-061	05/17/2023		SW6010	0.0042 J ^{xabc}	--
CRA-974M	Shallow	GW-12602792-231212-BB-016	12/12/2023		SW6010	0.0027 U	0.02 U
CRA-974M	Shallow	GW-12602792-231212-BB-016	12/12/2023		SW6020	0.0002 U	0.001 U
GHD-1005M	Shallow	GW-11223073-051021-DR-013	05/10/2021		SW6020	0.002 U	--
GHD-1005M	Shallow	WG-11223073-052522-NL-001	05/25/2022		SW6020	0.001 U	--
GHD-1005M	Shallow	GW-12602792-051723-DA-059	05/17/2023		SW6010	0.0047 J ^{xabc}	--
GHD-1005M	Shallow	GW-12602792-231212-JY-010	12/12/2023		SW6010	0.0027 U	0.02 U
GHD-1005M	Shallow	GW-12602792-231212-JY-010	12/12/2023		SW6020	0.00034 J	0.00034 J
GHD-1211M	Shallow	WG-11223073-052622-NL-002	05/26/2022		SW6020	0.00023 J	--
GHD-1211M	Shallow	GW-12602792-051723-BC-060	05/17/2023		SW6010	0.0041 J ^{xabc}	--
GHD-1211M	Shallow	GW-12602792-231212-BB-015	12/12/2023		SW6010	0.0027 U	0.02 U
GHD-1211M	Shallow	GW-12602792-231212-BB-015	12/12/2023		SW6020	0.0002 U	0.001 U
GHD-1212M	Shallow	GW-11223073-051021-DR-011	05/10/2021		SW6020	0.002 U	--
GHD-1212M	Shallow	GW-11223073-051021-DR-012	05/10/2021	Duplicate	SW6020	0.002 U	--
GHD-1212M	Shallow	WG-11223073-052622-LK-004	05/26/2022		SW6020	0.00056 J	--
GHD-1212M	Shallow	GW-12602792-051723-BC-057	05/17/2023		SW6010	0.0053 J ^{xabc}	--
GHD-1212M	Shallow	GW-12602792-231212-JY-011	12/12/2023		SW6010	0.02 U	--
GHD-1212M	Shallow	GW-12602792-231212-JY-011	12/12/2023		SW6020	0.00026 J	--
GHD-1213M	Shallow	GW-11223073-060322-AC-058	06/03/2022		SW6020	0.001 U	0.001 U
GHD-1213M	Shallow	GW-12602792-051723-DA-055	05/17/2023		SW6010	0.0051 J ^{xabc}	--
GHD-1213M	Shallow	GW-12602792-231212-JY-008	12/12/2023		SW6010	0.02 U	--
GHD-1213M	Shallow	GW-12602792-231212-JY-008	12/12/2023		SW6020	0.00045 J	--

Notes:

Facility-Specific Background(2)
 Residential Drinking Water
 Non-Residential Drinking Water
 Groundwater Surface Water Interface

Units

Thallium
mg/L

x

0.002

a

0.002

b

0.002

c

0.0037

(1) EGLE - Michigan Department of Environment, Great Lakes and Energy (EGLE) Generic cleanup criteria for residential and nonresidential category, administrative rule R 299.44 effective December 30, 2013, pursuant to Part 201 of 1994 PA 451 as amended

(2) Facility-Specific Background Concentrations (FSBCs).

U - Not detected at the associated reporting limit.

J - Estimated concentration.

Boxed cell denotes exceedance of site Background (x) and cleanup criteria screening level identified by superscript.

SW6010/6020 - SW-846 Analytical Test Methods

Attachment 1

Laboratory Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. James Abston
GHD Services Inc.
26850 Haggerty Rd.
Farmington Hills, Michigan 48331
Generated 12/28/2023 1:54:26 PM Revision 1

JOB DESCRIPTION

12602792-T21-002, RACER Willow Run

JOB NUMBER

240-196879-1

Eurofins Cleveland

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: GHD Services Inc.
Project: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Job ID: 240-196879-1

Eurofins Cleveland

Job Narrative 240-196879-1

Comments

A revised report was provided on December 28, 2023. The VOC sample was moved to a separate report as it is from a separate project. (240-196879-3)

Receipt

The samples were received on 12/13/2023 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.7°C

Metals

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

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Sample Summary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-196879-1	GW-12602792-231212-JY-008	Water	12/12/23 09:35	12/13/23 09:35
240-196879-2	GW-12602792-231212-JY-009	Water	12/12/23 10:35	12/13/23 09:35
240-196879-3	GW-12602792-231212-JY-010	Water	12/12/23 11:35	12/13/23 09:35
240-196879-4	GW-12602792-231212-JY-011	Water	12/12/23 13:25	12/13/23 09:35
240-196879-5	GW-12602792-231212-BB-012	Water	12/12/23 09:40	12/13/23 09:35
240-196879-6	GW-12602792-231212-LK-013	Water	12/12/23 10:05	12/13/23 09:35
240-196879-7	GW-12602792-231212-LK-014	Water	12/12/23 11:50	12/13/23 09:35
240-196879-8	GW-12602792-231212-BB-015	Water	12/12/23 10:15	12/13/23 09:35
240-196879-9	GW-12602792-231212-BB-016	Water	12/12/23 11:25	12/13/23 09:35

Detection Summary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Client Sample ID: GW-12602792-231212-JY-008

Lab Sample ID: 240-196879-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.45	J	1.0	0.20	ug/L	1		6020B	Total Recoverable

Client Sample ID: GW-12602792-231212-JY-009

Lab Sample ID: 240-196879-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.33	J	1.0	0.20	ug/L	1		6020B	Total Recoverable

Client Sample ID: GW-12602792-231212-JY-010

Lab Sample ID: 240-196879-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.34	J	1.0	0.20	ug/L	1		6020B	Dissolved

Client Sample ID: GW-12602792-231212-JY-011

Lab Sample ID: 240-196879-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.26	J	1.0	0.20	ug/L	1		6020B	Total Recoverable

Client Sample ID: GW-12602792-231212-BB-012

Lab Sample ID: 240-196879-5

No Detections.

Client Sample ID: GW-12602792-231212-LK-013

Lab Sample ID: 240-196879-6

No Detections.

Client Sample ID: GW-12602792-231212-LK-014

Lab Sample ID: 240-196879-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.39	J	1.0	0.20	ug/L	1		6020B	Total Recoverable

Client Sample ID: GW-12602792-231212-BB-015

Lab Sample ID: 240-196879-8

No Detections.

Client Sample ID: GW-12602792-231212-BB-016

Lab Sample ID: 240-196879-9

No Detections.

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CLE
6020B	Metals (ICP/MS)	SW846	EET CLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE

Protocol References:

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

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Client Sample ID: GW-12602792-231212-JY-008

Date Collected: 12/12/23 09:35

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:21	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Client Sample ID: GW-12602792-231212-JY-009

Date Collected: 12/12/23 10:35

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:26	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Client Sample ID: GW-12602792-231212-JY-011

Date Collected: 12/12/23 13:25

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:35	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Client Sample ID: GW-12602792-231212-BB-012

Date Collected: 12/12/23 09:40

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:39	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Client Sample ID: GW-12602792-231212-LK-013

Date Collected: 12/12/23 10:05

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:43	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Client Sample ID: GW-12602792-231212-LK-014

Date Collected: 12/12/23 11:50

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:48	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-JY-010

Date Collected: 12/12/23 11:35

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:30	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-BB-015

Date Collected: 12/12/23 10:15

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:52	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-BB-016

Date Collected: 12/12/23 11:25

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 11:57	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-JY-008					Lab Sample ID: 240-196879-1				
Date Collected: 12/12/23 09:35					Matrix: Water				
Date Received: 12/13/23 09:35									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.45	J	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:43	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-JY-009					Lab Sample ID: 240-196879-2				
Date Collected: 12/12/23 10:35					Matrix: Water				
Date Received: 12/13/23 09:35									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.33	J	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:46	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-JY-011

Date Collected: 12/12/23 13:25

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.26	J	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:51	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-BB-012

Date Collected: 12/12/23 09:40

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.20	U	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:53	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-LK-013

Date Collected: 12/12/23 10:05

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.20	U	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:56	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-LK-014

Date Collected: 12/12/23 11:50

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.39	J	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 22:03	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-JY-010					Lab Sample ID: 240-196879-3				
Date Collected: 12/12/23 11:35					Matrix: Water				
Date Received: 12/13/23 09:35									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.34	J	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:48	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-BB-015

Date Collected: 12/12/23 10:15

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.20	U	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 22:06	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

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

Client Sample ID: GW-12602792-231212-BB-016

Date Collected: 12/12/23 11:25

Date Received: 12/13/23 09:35

Lab Sample ID: 240-196879-9

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.20	U	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 22:08	1

QC Association Summary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Metals

Prep Batch: 597610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-196879-1	GW-12602792-231212-JY-008	Total Recoverable	Water	3005A	
240-196879-2	GW-12602792-231212-JY-009	Total Recoverable	Water	3005A	
240-196879-3	GW-12602792-231212-JY-010	Dissolved	Water	3005A	
240-196879-4	GW-12602792-231212-JY-011	Total Recoverable	Water	3005A	
240-196879-5	GW-12602792-231212-BB-012	Total Recoverable	Water	3005A	
240-196879-6	GW-12602792-231212-LK-013	Total Recoverable	Water	3005A	
240-196879-7	GW-12602792-231212-LK-014	Total Recoverable	Water	3005A	
240-196879-8	GW-12602792-231212-BB-015	Dissolved	Water	3005A	
240-196879-9	GW-12602792-231212-BB-016	Dissolved	Water	3005A	
MB 240-597610/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-597610/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCS 240-597610/3-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 597885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-196879-1	GW-12602792-231212-JY-008	Total Recoverable	Water	6010D	597610
240-196879-2	GW-12602792-231212-JY-009	Total Recoverable	Water	6010D	597610
240-196879-3	GW-12602792-231212-JY-010	Dissolved	Water	6010D	597610
240-196879-4	GW-12602792-231212-JY-011	Total Recoverable	Water	6010D	597610
240-196879-5	GW-12602792-231212-BB-012	Total Recoverable	Water	6010D	597610
240-196879-6	GW-12602792-231212-LK-013	Total Recoverable	Water	6010D	597610
240-196879-7	GW-12602792-231212-LK-014	Total Recoverable	Water	6010D	597610
240-196879-8	GW-12602792-231212-BB-015	Dissolved	Water	6010D	597610
240-196879-9	GW-12602792-231212-BB-016	Dissolved	Water	6010D	597610
MB 240-597610/1-A	Method Blank	Total Recoverable	Water	6010D	597610
LCS 240-597610/2-A	Lab Control Sample	Total Recoverable	Water	6010D	597610

Analysis Batch: 597938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-196879-1	GW-12602792-231212-JY-008	Total Recoverable	Water	6020B	597610
240-196879-2	GW-12602792-231212-JY-009	Total Recoverable	Water	6020B	597610
240-196879-3	GW-12602792-231212-JY-010	Dissolved	Water	6020B	597610
240-196879-4	GW-12602792-231212-JY-011	Total Recoverable	Water	6020B	597610
240-196879-5	GW-12602792-231212-BB-012	Total Recoverable	Water	6020B	597610
240-196879-6	GW-12602792-231212-LK-013	Total Recoverable	Water	6020B	597610
240-196879-7	GW-12602792-231212-LK-014	Total Recoverable	Water	6020B	597610
240-196879-8	GW-12602792-231212-BB-015	Dissolved	Water	6020B	597610
240-196879-9	GW-12602792-231212-BB-016	Dissolved	Water	6020B	597610
MB 240-597610/1-A	Method Blank	Total Recoverable	Water	6020B	597610
LCS 240-597610/3-A	Lab Control Sample	Total Recoverable	Water	6020B	597610

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-597610/1-A
Matrix: Water
Analysis Batch: 597885

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 597610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.7	U	20	2.7	ug/L		12/14/23 14:00	12/15/23 10:25	1

Lab Sample ID: LCS 240-597610/2-A
Matrix: Water
Analysis Batch: 597885

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 597610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	2000	1840		ug/L		92	80 - 120

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 240-597610/1-A
Matrix: Water
Analysis Batch: 597938

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 597610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.20	U	1.0	0.20	ug/L		12/14/23 14:00	12/15/23 21:13	1

Lab Sample ID: LCS 240-597610/3-A
Matrix: Water
Analysis Batch: 597938

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 597610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	1000	977		ug/L		98	80 - 120

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TOL (78-122)	DBFM (73-120)	BFB (56-136)	DCA (62-137)
240-196879-10	GW-12602792-231212-BB-017	109	116	110	125
LCS 240-597868/6	Lab Control Sample	116	116	119	120
MB 240-597868/9	Method Blank	111	113	112	124

Surrogate Legend

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Client Sample ID: GW-12602792-231212-JY-008

Lab Sample ID: 240-196879-1

Date Collected: 12/12/23 09:35

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:21
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 21:43

Client Sample ID: GW-12602792-231212-JY-009

Lab Sample ID: 240-196879-2

Date Collected: 12/12/23 10:35

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:26
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 21:46

Client Sample ID: GW-12602792-231212-JY-010

Lab Sample ID: 240-196879-3

Date Collected: 12/12/23 11:35

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Dissolved	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:30
Dissolved	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Dissolved	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 21:48

Client Sample ID: GW-12602792-231212-JY-011

Lab Sample ID: 240-196879-4

Date Collected: 12/12/23 13:25

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:35
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 21:51

Client Sample ID: GW-12602792-231212-BB-012

Lab Sample ID: 240-196879-5

Date Collected: 12/12/23 09:40

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:39
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 21:53

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Client Sample ID: GW-12602792-231212-LK-013

Lab Sample ID: 240-196879-6

Date Collected: 12/12/23 10:05

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:43
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 21:56

Client Sample ID: GW-12602792-231212-LK-014

Lab Sample ID: 240-196879-7

Date Collected: 12/12/23 11:50

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:48
Total Recoverable	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Total Recoverable	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 22:03

Client Sample ID: GW-12602792-231212-BB-015

Lab Sample ID: 240-196879-8

Date Collected: 12/12/23 10:15

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Dissolved	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:52
Dissolved	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Dissolved	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 22:06

Client Sample ID: GW-12602792-231212-BB-016

Lab Sample ID: 240-196879-9

Date Collected: 12/12/23 11:25

Matrix: Water

Date Received: 12/13/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Dissolved	Analysis	6010D		1	597885	RKT	EET CLE	12/15/23 11:57
Dissolved	Prep	3005A			597610	BN	EET CLE	12/14/23 14:00
Dissolved	Analysis	6020B		1	597938	DSH	EET CLE	12/15/23 22:08

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 12602792-T21-002, RACER Willow Run

Job ID: 240-196879-1

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-24
Georgia	State	4062	02-27-24
Illinois	NELAP	200004	07-31-24
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-28-24
Kentucky (WW)	State	KY98016	12-31-23
Michigan	State	9135	02-27-24
Minnesota	NELAP	039-999-348	12-31-23
Minnesota (Petrofund)	State	3506	08-01-23 *
New Jersey	NELAP	OH001	07-01-24
New York	NELAP	10975	04-02-24
Ohio	State	8303	02-27-24
Ohio VAP	State	ORELAP 4062	02-27-24
Oregon	NELAP	4062	02-27-24
Pennsylvania	NELAP	68-00340	08-31-24
Texas	NELAP	T104704517-22-19	08-31-24
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-23

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

Eurofins Cleveland

Eurofins Cleveland

180 S Van Buren Avenue
Barberton, OH 44203

Phone 330-497-9396 Fax 330-497-0772

Client Information

Client Name

Mr. James Abston

Company

GHD Services Inc

Address

26850 Haggerty Rd

City

Farmington Hills

State

Zip

MI 48331

Phone

248 893 3381 (Tel)

Email

james.abston@ghd.com

Project Name

12602792 RACER Willow Run

Site

Sample Identification

6W-12602792-231212-JY-008

-JY-009

-JY-010

-JY-011

-BB-012

-LK-013

-LK-014

-BB-015

-BB-016

-BB-017

-LK-018

Possible Hazard Identification

☒ Non-Hazard☐ Flammable☐ Skin Irritant☐ Poison B☐ Unknown☐ Radiological☐ Other (specify)

Empty Kit Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Custody Seals Intact

☒ Yes ☐ No

Custody Seal No

Sampler

Byron Banman

Phone

503-713-8326

PWSD

Due Date Requested

TAT Requested (days)

Compliance Project

Yes No

PO #

Purchase Order Requested

WO #

11223073

Project #

24007479

SSOW#

Sample Date

Sample Time

Sample Type

(C=Comp, G=Grab)

Preservation Code

Matrix

(W=water, S=solid, O=optional)

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

RISK_175 - MEE

N

N

N

N

N

N

N

N

N

N

N

N

N

N

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N

Lab PM

Heckler Denise D

Email

DeVise Heckler@eurofins.com

Carrier Tracking No(s)

MI

State of Origin

Date of Origin

Job #

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State of Origin

Date of Origin

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Eurofins - Cleveland Sample Receipt Form/Narrative

Login # :

Barberton Facility

Client

Site Name

Cooler unpacked by:

Cooler Received on

Opened on

FedEx: 1st Grd Exp

UPS FAS Waypoint

Client Drop Off

Eurofins Courier

Other

Receipt After-hours: Drop-off Date/Time

Storage Location

Eurofins Cooler #

Foam Box

Client Cooler

Box

Other

Packing material used:

Bubble Wrap

Foam

Plastic Bag

None

Other

COOLANT:

Wet Ice

Blue Ice

Dry Ice

Water

None

1. Cooler temperature upon receipt

☐ See Multiple Cooler Form

IR GUN #

21

(CF +20°C)

Observed Cooler Temp.

45

°C

Corrected Cooler Temp.

4.7 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity

Yes No

-Were the seals on the outside of the cooler(s) signed & dated?

Yes No NA

-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?

Yes No

-Were tamper/custody seals intact and uncompromised?

Yes No NA

3. Shippers' packing slip attached to the cooler(s)?

Yes No

4. Did custody papers accompany the sample(s)?

Yes No

5. Were the custody papers relinquished & signed in the appropriate place?

Yes No

6. Was/were the person(s) who collected the samples clearly identified on the COC?

Yes No

7. Did all bottles arrive in good condition (Unbroken)?

Yes No

8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?

Yes No

9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?

Yes No

10. Were correct bottle(s) used for the test(s) indicated?

Yes No

11. Sufficient quantity received to perform indicated analyses?

Yes No

12. Are these work share samples and all listed on the COC?

Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt?

Yes No NA

14. Were VOAs on the COC?

Yes No

15. Were air bubbles >6 mm in any VOA vials?

Larger than this

Yes No NA

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #

62225

Yes No

17. Was a LL Hg or Me Hg trip blank present?

Yes No

Tests that are not
checked for pH by
Receiving:VOAs
Oil and Grease
TOC

TR-12-13-23

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

☐ additional next page

Samples processed by:

1-Trip blank not on COC.

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Temperature readings: _____

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u>		<u>Preservation</u>	<u>Preservation</u>
			<u>pH</u>	<u>Temp</u>	<u>Added</u>	<u>Lot Number</u>
GW-12602792-231212-JY-008	240-196879-A-1	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-JY-008	240-196879-B-1	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-JY-009	240-196879-A-2	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-JY-009	240-196879-B-2	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-JY-010	240-196879-A-3	Plastic 500ml - w/ Nitric - Dis.	<2	_____	_____	_____
GW-12602792-231212-JY-010	240-196879-B-3	Plastic 500ml - w/ Nitric - Dis.	<2	_____	_____	_____
GW-12602792-231212-JY-011	240-196879-A-4	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-JY-011	240-196879-B-4	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-BB-012	240-196879-A-5	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-BB-012	240-196879-B-5	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-LK-013	240-196879-A-6	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-LK-013	240-196879-B-6	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-LK-014	240-196879-A-7	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-LK-014	240-196879-B-7	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-BB-015	240-196879-A-8	Plastic 500ml - w/ Nitric - Dis.	<2	_____	_____	_____
GW-12602792-231212-BB-015	240-196879-B-8	Plastic 500ml - w/ Nitric - Dis.	<2	_____	_____	_____
GW-12602792-231212-BB-016	240-196879-A-9	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____
GW-12602792-231212-BB-016	240-196879-B-9	Plastic 500ml - with Nitric Acid	<2	_____	_____	_____