



December 7, 2023

Christer Loftenius
Washington State Department of Ecology – Eastern Regional Office
4601 North Monroe Street
Spokane, WA 99205-3543

Subject: Progress Report for November 2023, Warden City Water Supply Wells No. 4 and 5. Washington Facility Site ID No. 2802409; Cleanup Site ID: 1618 Agreed Order No. DE 16890

Dear Christer:

The J.R. Simplot Company (Simplot) entered into an Agreed Order (AO) (No. DE 16890) with the Washington State Department of Ecology (Ecology) to provide remedial action at 1800 W. 1st Street, Warden WA, 98857.

Per the AO, Simplot shall submit to Ecology written monthly progress reports that describe the actions taken during the previous month to implement the requirements of the AO.

The AO requires that the progress reports include the following:

- a. A list of on-site activities that have taken place during the previous month;
- b. Detailed description of any deviations from required tasks not otherwise documented in project plans or amendment requests;
- c. Description of all deviations from the scope of work and schedule during the previous quarter and any planned deviations in the upcoming quarter;
- d. For any deviations in schedule, a plan for recovering lost time and maintaining compliance with the schedule;
- e. All raw data (including laboratory analyses) received by Simplot during the past quarter and an identification of the source of the sample; and
- f. A list of deliverables for the upcoming month if different from the schedule.

Activities in November 2023

- HDR conducted semi-annual groundwater sampling from November 6, 2023 through November 9, 2023. Sampling procedures followed the *Groundwater Monitoring Well Construction and Monitoring Plan* (HDR 2023). The following monitoring wells were sampled as part of this event:
 - MW-1
 - MW-2
 - MW-5DR
 - MW-5SR
 - MW-6S
 - MW-7S
 - MW-7D
 - MW-8S
 - MW-11S
 - MW-12S
 - MW-15

Monitoring wells MW-3, MW-9S, and MW-10S were not sampled during the November 2023 sampling event. Offsite MW-3 and MW-10S have either been destroyed or were covered by pavement. Offsite MW-9S was dry, which is consistent with the October 2013 and December 2017 sampling events.

- Investigative derived waste (water) from the November 2023 sampling event was collected in two 55-gallon drums and labeled “Drums contain Purge and Decontamination Water from monitoring well sampling”, along with a list of which wells the water in each drum came from. The drums remain on site and are stored in a heated warehouse to prevent freezing. Composite sampling for characterization will take place during the next sampling event. The drums will remain on site until characterization is completed.
- HDR strategized project data formatting to facilitate upload to Ecology’s EIM database.

Anticipated Activities for December 2023

- Simplot/HDR will coordinate project data formatting to facilitate upload to Ecology’s EIM database.
- Ecology will provide a formal concurrence letter on the Revised Groundwater Monitoring Well Installation Report (per Ecology email dated 24 October 2023).
- Ecology will provide written approval of the minor change request (reducing progress reporting frequency as discussed in October 6 meeting).
- Results from the November 2023 sampling event will be summarized in a report and delivered to Ecology for review under separate cover.

If you have questions please feel free to contact me at (208) 387-7018 or at tyler.allen@hdrinc.com or Molly Dimick of Simplot at (208) 220-6597 or at molly.dimick@simplot.com.

Respectfully,
HDR Engineering, Inc.



Tyler Allen
Project Manager

Christer Loftenius, Ecology
December 7, 2023
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CC: Molly Dimick, J.R. Simplot Company
Attachments: Simplot Warden November 2023 Groundwater Monitoring Lab Report.pdf



ANALYTICAL REPORT

PREPARED FOR

Attn: Jered Newcomb
HDR Inc
1401 E. Trent Ave
Suite 101
Spokane, Washington 99202

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JOB DESCRIPTION

Simplot Warden

JOB NUMBER

590-22230-1

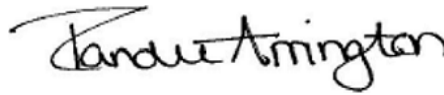
Eurofins Spokane

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 Northwest, LLC Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Job ID: 590-22230-1

Laboratory: Eurofins Spokane

Narrative

**Job Narrative
590-22230-1**

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 samples were received on 11/9/2023 2:00 PM. 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 5.2°C

GC Semi VOA

Method 8011: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 590-44594 and analytical batch 590-44602 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8011: The method blank for preparation batch 590-44594 and analytical batch 590-44602 contained 1,2-Dibromoethane (EDB) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

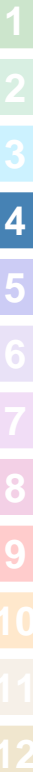
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-22230-1	MW-1	Water	11/06/23 10:48	11/09/23 14:00
590-22230-2	MW-2	Water	11/06/23 13:17	11/09/23 14:00
590-22230-3	MW-5DR	Water	11/06/23 15:47	11/09/23 14:00
590-22230-4	MW-5SR	Water	11/07/23 15:31	11/09/23 14:00
590-22230-5	MW-6S	Water	11/09/23 10:04	11/09/23 14:00
590-22230-6	MW-7S	Water	11/07/23 12:28	11/09/23 14:00
590-22230-7	MW-7D	Water	11/07/23 10:46	11/09/23 14:00
590-22230-8	MW-8S	Water	11/08/23 13:07	11/09/23 14:00
590-22230-9	MW-11S	Water	11/08/23 15:22	11/09/23 14:00
590-22230-10	MW-12S	Water	11/08/23 11:03	11/09/23 14:00
590-22230-11	MW-15	Water	11/08/23 12:40	11/09/23 14:00
590-22230-12	RINSATE BLANK	Water	11/06/23 11:02	11/09/23 14:00
590-22230-13	FIELD BLANK	Water	11/08/23 08:32	11/09/23 14:00
590-22230-14	TRIP BLANK	Water	11/06/23 08:00	11/09/23 14:00



Definitions/Glossary

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
CFI	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

Client Sample Results

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Client Sample ID: MW-1
Date Collected: 11/06/23 10:48
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-1
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 13:29	1

Client Sample ID: MW-2
Date Collected: 11/06/23 13:17
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-2
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 13:46	1

Client Sample ID: MW-5DR
Date Collected: 11/06/23 15:47
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-3
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 14:02	1

Client Sample ID: MW-5SR
Date Collected: 11/07/23 15:31
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-4
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 14:19	1

Client Sample ID: MW-6S
Date Collected: 11/09/23 10:04
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-5
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.10	B	0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 14:52	1

Client Sample ID: MW-7S
Date Collected: 11/07/23 12:28
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-6
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 15:08	1

Client Sample ID: MW-7D
Date Collected: 11/07/23 10:46
Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-7
Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 15:24	1

Client Sample Results

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Client Sample ID: MW-8S

Date Collected: 11/08/23 13:07

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-8

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 15:41	1

Client Sample ID: MW-11S

Date Collected: 11/08/23 15:22

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-9

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	15	B	1.0	0.25	ug/L		11/13/23 14:22	11/15/23 09:33	100

Client Sample ID: MW-12S

Date Collected: 11/08/23 11:03

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-10

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.028	F2 F1 B	0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 16:14	1

Client Sample ID: MW-15

Date Collected: 11/08/23 12:40

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-11

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 17:04	1

Client Sample ID: RINSATE BLANK

Date Collected: 11/06/23 11:02

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-12

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 17:20	1

Client Sample ID: FIELD BLANK

Date Collected: 11/08/23 08:32

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-13

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 17:53	1

Client Sample ID: TRIP BLANK

Date Collected: 11/06/23 08:00

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-14

Matrix: Water

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 18:09	1

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QC Sample Results

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Method: 8011 - EDB

Lab Sample ID: MB 590-44594/2-A
Matrix: Water
Analysis Batch: 44602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.00933	J	0.010	0.0025	ug/L		11/13/23 14:22	11/14/23 11:50	1

Lab Sample ID: LCS 590-44594/3-A
Matrix: Water
Analysis Batch: 44602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44594

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.125	0.0871		ug/L		70	60 - 140

Lab Sample ID: LCSD 590-44594/4-A
Matrix: Water
Analysis Batch: 44602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 44594

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.125	0.0846		ug/L		68	60 - 140	3	20

Lab Sample ID: 590-22230-10 MS
Matrix: Water
Analysis Batch: 44602

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 44594

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane (EDB)	0.028	F2 F1 B	0.125	0.0696	F1	ug/L		33	60 - 140

Lab Sample ID: 590-22230-10 MSD
Matrix: Water
Analysis Batch: 44602

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 44594

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	0.028	F2 F1 B	0.125	0.0857	F2 F1	ug/L		46	60 - 140	21	20

Lab Chronicle

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Client Sample ID: MW-1

Date Collected: 11/06/23 10:48

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 13:29	NMI	EET SPK

Client Sample ID: MW-2

Date Collected: 11/06/23 13:17

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 13:46	NMI	EET SPK

Client Sample ID: MW-5DR

Date Collected: 11/06/23 15:47

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 14:02	NMI	EET SPK

Client Sample ID: MW-5SR

Date Collected: 11/07/23 15:31

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 14:19	NMI	EET SPK

Client Sample ID: MW-6S

Date Collected: 11/09/23 10:04

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 14:52	NMI	EET SPK

Client Sample ID: MW-7S

Date Collected: 11/07/23 12:28

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 15:08	NMI	EET SPK

Eurofins Spokane

Lab Chronicle

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Client Sample ID: MW-7D

Date Collected: 11/07/23 10:46

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 15:24	NMI	EET SPK

Client Sample ID: MW-8S

Date Collected: 11/08/23 13:07

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 15:41	NMI	EET SPK

Client Sample ID: MW-11S

Date Collected: 11/08/23 15:22

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		100	1 mL	1 mL	44602	11/15/23 09:33	NMI	EET SPK

Client Sample ID: MW-12S

Date Collected: 11/08/23 11:03

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 16:14	NMI	EET SPK

Client Sample ID: MW-15

Date Collected: 11/08/23 12:40

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 17:04	NMI	EET SPK

Client Sample ID: RINSATE BLANK

Date Collected: 11/06/23 11:02

Date Received: 11/09/23 14:00

Lab Sample ID: 590-22230-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 17:20	NMI	EET SPK

Lab Chronicle

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 590-22230-13

Date Collected: 11/08/23 08:32

Matrix: Water

Date Received: 11/09/23 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 17:53	NMI	EET SPK

Client Sample ID: TRIP BLANK

Lab Sample ID: 590-22230-14

Date Collected: 11/06/23 08:00

Matrix: Water

Date Received: 11/09/23 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			80 mL	2 mL	44594	11/13/23 14:22	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	44602	11/14/23 18:09	NMI	EET SPK

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-07-24

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

Method Summary

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22230-1

Method	Method Description	Protocol	Laboratory
8011	EDB	EPA	EET SPK
8011	Microextraction	SW846	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200



Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 590-22230-1

Login Number: 22230

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

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.	N/A	
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	

