April 5, 2024

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

Subject: Progress Report for First Quarter 2024 (January – March), 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. However, in 2023, Simplot requested that the frequency of progress reports be reduced from monthly to quarterly. Ecology approved of the frequency reduction in a letter on December 6, 2023. Therefore, beginning in 2024, Simplot will submit progress reports on a quarterly basis.

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 Q1 2024

- Simplot/HDR conducted semi-annual groundwater monitoring from January 15 to 18, 2024 in accordance with the *Groundwater Monitoring Well Construction and Monitoring Plan* (HDR 2023). Monitoring activities and results were summarized in the *January 2024 Semi-Annual Groundwater Monitoring Report; CSID No. 1618* (HDR 2024), which was submitted to Ecology on March 15, 2024.

- HDR uploaded site investigation data representing current conditions at the site to Ecology's Environmental Information Management (EIM) database on March 18, 2024. To date, HDR has not been contacted by the Ecology EIM manager regarding the data.

Anticipated Activities for Q2 2024

- Ecology will provide a formal concurrence letter on the *Revised Groundwater Monitoring Well Installation Report* (per Ecology email dated October 24, 2023).

- Simplot/HDR received a letter regarding *Partial Completion of the Site Cleanup Action and Ecology Preparation of a Cleanup Action Plan Addendum* on December 6, 2023. In this letter, Ecology states that there are no further comments on the final Cleanup Action Report, dated August 22, 2023, except that the estimated EDB area remaining at the site has not been cleaned up in accordance with the CAP. To address this, Ecology plans to prepare an addendum to the CAP, which will undergo the public review process.

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

CC: Molly Dimick, J.R. Simplot Company
Attachments: January 2024 Groundwater Monitoring Analytical Report (Eurofins ID J22812-1)

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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

590-22812-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

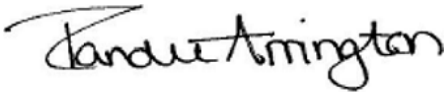
See page two for job notes and contact information.

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
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

Table of Contents

Job Narrative
590-22812-1

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 1/18/2024 11:30 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 5.1°C

GC Semi VOA
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: 590-22812-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-22812-1	MW-1	Water	01/17/24 16:55	01/18/24 11:30
590-22812-2	MW-2	Water	01/17/24 14:30	01/18/24 11:30
590-22812-3	MW-5DR	Water	01/15/24 15:45	01/18/24 11:30
590-22812-4	MW-5SR	Water	01/15/24 14:10	01/18/24 11:30
590-22812-5	MW-6S	Water	01/16/24 16:10	01/18/24 11:30
590-22812-6	MW-7D	Water	01/17/24 11:35	01/18/24 11:30
590-22812-7	MW-7S	Water	01/17/24 09:51	01/18/24 11:30
590-22812-8	MW-8S	Water	01/16/24 13:25	01/18/24 11:30
590-22812-9	MW-11S	Water	01/16/24 11:01	01/18/24 11:30
590-22812-10	MW-12S	Water	01/15/24 11:10	01/18/24 11:30
590-22812-11	MW-15	Water	01/16/24 08:00	01/18/24 11:30
590-22812-12	RINSATE BLANK	Water	01/15/24 09:51	01/18/24 11:30
590-22812-13	FIELD BLANK	Water	01/15/24 09:51	01/18/24 11:30
590-22812-14	TRIP BLANK	Water	01/15/24 11:40	01/18/24 11:30

Definitions/Glossary

Client: HDR Inc
Job ID: 590-22812-1
Project/Site: Simplot Warden

Qualifiers

GC Semi VOA

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.

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

Client Sample Results

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

Client Sample ID: MW-1
Lab Sample ID: 590-22812-1
Date Collected: 01/17/24 16:55
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.0036	J	0.010	0.0025	ug/L		01/23/24 08:45	01/24/24 14:04	1

Client Sample ID: MW-2
Lab Sample ID: 590-22812-2
Date Collected: 01/17/24 14:30
Matrix: Water
Date Received: 01/18/24 11:30

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		01/23/24 08:45	01/24/24 14:20	1

Client Sample ID: MW-5DR
Lab Sample ID: 590-22812-3
Date Collected: 01/15/24 15:45
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.039		0.010	0.0025	ug/L		01/23/24 08:45	01/24/24 14:37	1

Client Sample ID: MW-5SR
Lab Sample ID: 590-22812-4
Date Collected: 01/15/24 14:10
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	24		4.0	1.0	ug/L		01/23/24 08:45	01/29/24 10:41	400

Client Sample ID: MW-6S
Lab Sample ID: 590-22812-5
Date Collected: 01/16/24 16:10
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.096		0.010	0.0025	ug/L		01/23/24 08:45	01/29/24 09:51	1

Client Sample ID: MW-7D
Lab Sample ID: 590-22812-6
Date Collected: 01/17/24 11:35
Matrix: Water
Date Received: 01/18/24 11:30

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		01/23/24 08:45	01/24/24 15:26	1

Client Sample ID: MW-7S
Lab Sample ID: 590-22812-7
Date Collected: 01/17/24 09:51
Matrix: Water
Date Received: 01/18/24 11:30

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		01/23/24 08:45	01/24/24 15:43	1

Client Sample Results

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

Client Sample ID: MW-8S
Lab Sample ID: 590-22812-8
Date Collected: 01/16/24 13:25
Matrix: Water
Date Received: 01/18/24 11:30

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		01/23/24 08:45	01/24/24 16:49	1

Client Sample ID: MW-11S
Lab Sample ID: 590-22812-9
Date Collected: 01/16/24 11:01
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	48		5.0	1.3	ug/L		01/23/24 08:45	01/29/24 10:58	500

Client Sample ID: MW-12S
Lab Sample ID: 590-22812-10
Date Collected: 01/15/24 11:10
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.0051	J	0.010	0.0025	ug/L		01/23/24 08:45	01/29/24 10:08	1

Client Sample ID: MW-15
Lab Sample ID: 590-22812-11
Date Collected: 01/16/24 08:00
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	52		5.0	1.3	ug/L		01/23/24 08:45	01/29/24 11:15	500

Client Sample ID: RINSATE BLANK
Lab Sample ID: 590-22812-12
Date Collected: 01/15/24 09:51
Matrix: Water
Date Received: 01/18/24 11:30

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		01/23/24 08:45	01/29/24 10:25	1

Client Sample ID: FIELD BLANK
Lab Sample ID: 590-22812-13
Date Collected: 01/15/24 09:51
Matrix: Water
Date Received: 01/18/24 11:30

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	0.0035	J	0.010	0.0025	ug/L		01/23/24 08:45	01/24/24 18:12	1

Client Sample ID: TRIP BLANK
Lab Sample ID: 590-22812-14
Date Collected: 01/15/24 11:40
Matrix: Water
Date Received: 01/18/24 11:30

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		01/23/24 08:47	01/24/24 18:28	1

QC Sample Results

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

Method: 8011 - EDB

Lab Sample ID: MB 590-45499/2-A
Matrix: Water
Analysis Batch: 45523

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45499

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		0.010	0.0025	ug/L		01/23/24 08:45	01/24/24 13:31	1

Lab Sample ID: LCS 590-45499/3-A
Matrix: Water
Analysis Batch: 45523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45499

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)			0.125	0.100		ug/L		80	60 - 140		

Lab Sample ID: 590-22812-7 MS
Matrix: Water
Analysis Batch: 45523

Client Sample ID: MW-7S
Prep Type: Total/NA
Prep Batch: 45499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane (EDB)	ND		0.125	0.103		ug/L		82	60 - 140		

Lab Sample ID: 590-22812-7 MSD
Matrix: Water
Analysis Batch: 45523

Client Sample ID: MW-7S
Prep Type: Total/NA
Prep Batch: 45499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane (EDB)	ND		0.125	0.101		ug/L		81	60 - 140	1	20

Lab Chronicle

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

Client Sample ID: MW-1
Date Collected: 01/17/24 16:55
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-1
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 14:04	NMI	EET SPK

Client Sample ID: MW-2
Date Collected: 01/17/24 14:30
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-2
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 14:20	NMI	EET SPK

Client Sample ID: MW-5DR
Date Collected: 01/15/24 15:45
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-3
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 14:37	NMI	EET SPK

Client Sample ID: MW-5SR
Date Collected: 01/15/24 14:10
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-4
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		400	1 mL	1 mL	45567	01/29/24 10:41	NMI	EET SPK

Client Sample ID: MW-6S
Date Collected: 01/16/24 16:10
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-5
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45567	01/29/24 09:51	NMI	EET SPK

Client Sample ID: MW-7D
Date Collected: 01/17/24 11:35
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-6
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 15:26	NMI	EET SPK

Lab Chronicle

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

Client Sample ID: MW-7S
Date Collected: 01/17/24 09:51
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-7
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 15:43	NMI	EET SPK

Client Sample ID: MW-8S
Date Collected: 01/16/24 13:25
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-8
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 16:49	NMI	EET SPK

Client Sample ID: MW-11S
Date Collected: 01/16/24 11:01
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-9
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		500	1 mL	1 mL	45567	01/29/24 10:58	NMI	EET SPK

Client Sample ID: MW-12S
Date Collected: 01/15/24 11:10
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-10
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45567	01/29/24 10:08	NMI	EET SPK

Client Sample ID: MW-15
Date Collected: 01/16/24 08:00
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-11
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		500	1 mL	1 mL	45567	01/29/24 11:15	NMI	EET SPK

Client Sample ID: RINSATE BLANK
Date Collected: 01/15/24 09:51
Date Received: 01/18/24 11:30

Lab Sample ID: 590-22812-12
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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45567	01/29/24 10:25	NMI	EET SPK

Lab Chronicle

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

Client Sample ID: FIELD BLANK

Lab Sample ID: 590-22812-13

Date Collected: 01/15/24 09:51

Matrix: Water

Date Received: 01/18/24 11:30

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	45499	01/23/24 08:45	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 18:12	NMI	EET SPK

Client Sample ID: TRIP BLANK

Lab Sample ID: 590-22812-14

Date Collected: 01/15/24 11:40

Matrix: Water

Date Received: 01/18/24 11:30

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	45499	01/23/24 08:47	MRV	EET SPK
Total/NA	Analysis	8011		1	1 mL	1 mL	45523	01/24/24 18:28	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
Job ID: 590-22812-1
Project/Site: Simplot Warden

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-07-25

Method Summary

Client: HDR Inc
Project/Site: Simplot Warden

Job ID: 590-22812-1

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

11922 East 1st Ave
Spokane, WA 99206
Phone (509) 924-9200 Phone (509) 924-9290

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Jered Newcomb, JAN /	Lab PM: Arrington, Randee E	Carrier Tracking No(s):	COC No:
Client Contact: Jered Newcomb	Phone: 509-899-4371	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin: WA	Page: Page 1 of 1
Company: HDR Inc	PWSID:			Job #:
Address: 835 N Post St. Ste. 101	Due Date Requested:			
City: Spokane	TAT Requested (days): Standard			
State, Zip: WA, 99202	Compliance Project: Δ Yes Δ No			
Phone: 509-899-4371	PO #: Purchase Order Requested			
Email: jered.newcomb@hdrinc.com	WO #:			
Project Name: Simplot Warden	Project #: 10331653			
Site: Warden WA	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8011 EDB	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
MW 1	1 17 -24	1655	G	WATER			X		
MW-2	1 17 -24	1430	G	WATER			X		
MW-5DR	1 15 -24	1543	G	WATER			X		
MW-5SR	1 15 -24	1410	G	WATER			X		
MW-6S	1 16 -24	1610	G	WATER			X		
MW 7D	1 17 -24	1135	G	WATER			X		
MW 7S	1 17 -24	951	G	WATER			X		
MW-8S	1 16 -24	1325	G	WATER			X		
MW 11S	1 16 -24	1101	G	WATER			X		
MW 12S	1 15 -24	1110	G	WATER			X		
MW 15	1 16 -24	800	G	WATER			X		

590-22812 Chain of Custody

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant | Poison B ☐ Unknown ▯ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jered Newcomb	1/18/24 11 28	HDR		1/18/24 11'30	EETSPO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 5.0, 5 / cor (R0010

1/29/2024

11922 East 1st Ave
Spokane, WA 99206
Phone (509) 924-9200 Phone (509) 924-9290

Chain of Custody Record

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Email: jered.newcomb@hdrinc.com	WO #:			
Project Name: Simplot Warden	Project #: 10331653			
Site: Warden WA	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8011 EDB	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
MW-75-MS	1 17 -24	951	G	WATER			X		
MW 75-MSD	1 17 -24	961	G	WATER			X		
RINSATE BLANK	1 16 -24	1140	G	WATER			X		
FIELD BLANK	1 15 -24	1130	G	WATER			X		
TRIP BLANK				WATER			X		

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☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jered Newcomb	1/18/24 11:28	HDR		1/18/24 11:30	EET SPK
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 590-22812-1

Login Number: 22812
List Number: 1
Creator: Morris, Mackenzie 1

List Source: Eurofins Spokane

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	