

ANALYTICAL REPORT

PREPARED FOR

Attn: Bill Neuman
Veolia Water N. America Operating Srvs
500 Owens Rd
Cle Elum, Washington 98922

Generated 7/31/2023 3:44:19 PM

JOB DESCRIPTION

Veolia Water - Cle Elum

JOB NUMBER

580-129599-1

Eurofins Seattle

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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Case Narrative

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Job ID: 580-129599-1

Laboratory: Eurofins Seattle

Narrative

Job Narrative
580-129599-1

Receipt

The samples were received on 7/19/2023 12:00 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 0.0°C.

Metals

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

General Chemistry

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

Definitions/Glossary

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▣	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Client Sample ID: Eff Comp

Lab Sample ID: 580-129599-1

Date Collected: 07/19/23 07:55

Matrix: Water

Date Received: 07/19/23 12:00

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0010		mg/L		07/21/23 16:16	07/24/23 14:42	1
Lead	0.00045		0.00040		mg/L		07/21/23 16:16	07/24/23 14:42	1
Antimony	ND		0.00080		mg/L		07/21/23 16:16	07/24/23 14:42	1
Beryllium	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:42	1
Cadmium	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:42	1
Chromium	0.00082		0.00080		mg/L		07/21/23 16:16	07/24/23 14:42	1
Copper	0.012		0.0020		mg/L		07/21/23 16:16	07/24/23 14:42	1
Nickel	ND		0.0030		mg/L		07/21/23 16:16	07/24/23 14:42	1
Selenium	ND		0.0080		mg/L		07/21/23 16:16	07/24/23 14:42	1
Silver	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:42	1
Thallium	ND		0.0010		mg/L		07/21/23 16:16	07/24/23 14:42	1
Zinc	0.037		0.0070		mg/L		07/21/23 16:16	07/24/23 14:42	1

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Client Sample ID: Eff Comp

Lab Sample ID: 580-129599-2

Date Collected: 07/19/23 07:56

Matrix: Water

Date Received: 07/19/23 12:00

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate (SM 2340C)	84		2.0		mg/L			07/24/23 13:10	1

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Client Sample ID: Eff Comp

Lab Sample ID: 580-129599-3

Date Collected: 07/19/23 07:57

Matrix: Water

Date Received: 07/19/23 12:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SM 4500 CN E)	ND		0.020		mg/L		07/27/23 02:41	07/27/23 04:44	1

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Client Sample ID: Eff Comp

Lab Sample ID: 580-129599-4

Date Collected: 07/19/23 07:58

Matrix: Water

Date Received: 07/19/23 12:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	ND		0.020		mg/L			07/22/23 12:20	1

Client Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Client Sample ID: Eff Comp

Lab Sample ID: 580-129599-5

Date Collected: 07/19/23 07:59

Matrix: Water

Date Received: 07/19/23 12:00

Method: EPA 1631E - Mercury, Low Level (CVAFS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.6		0.50		ng/L			07/28/23 20:47	1

QC Sample Results

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Method: 1631E - Mercury, Low Level (CVAFS)

Lab Sample ID: MB 580-433255/29
Matrix: Water
Analysis Batch: 433255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.50		ng/L			07/28/23 14:57	1

Lab Sample ID: MB 580-433255/30
Matrix: Water
Analysis Batch: 433255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.50		ng/L			07/28/23 15:01	1

Lab Sample ID: MB 580-433255/31
Matrix: Water
Analysis Batch: 433255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.50		ng/L			07/28/23 15:05	1

Lab Sample ID: LCS 580-433255/39
Matrix: Water
Analysis Batch: 433255

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.84		ng/L		97	77 - 123

Lab Sample ID: LCSD 580-433255/40
Matrix: Water
Analysis Batch: 433255

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	5.00	4.73		ng/L		95	77 - 123	2	24

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 580-432320/26-A
Matrix: Water
Analysis Batch: 432559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0010		mg/L		07/21/23 16:16	07/24/23 14:04	1
Lead	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:04	1
Antimony	ND		0.00080		mg/L		07/21/23 16:16	07/24/23 14:04	1
Beryllium	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:04	1
Cadmium	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:04	1
Chromium	ND		0.00080		mg/L		07/21/23 16:16	07/24/23 14:04	1
Copper	ND		0.0020		mg/L		07/21/23 16:16	07/24/23 14:04	1
Nickel	ND		0.0030		mg/L		07/21/23 16:16	07/24/23 14:04	1
Selenium	ND		0.0080		mg/L		07/21/23 16:16	07/24/23 14:04	1
Silver	ND		0.00040		mg/L		07/21/23 16:16	07/24/23 14:04	1
Thallium	ND		0.0010		mg/L		07/21/23 16:16	07/24/23 14:04	1
Zinc	ND		0.0070		mg/L		07/21/23 16:16	07/24/23 14:04	1

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QC Sample Results

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 580-432320/27-A

Matrix: Water

Analysis Batch: 432559

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 432320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Arsenic	1.00	1.03		mg/L		103	85 - 115	
Lead	1.00	0.986		mg/L		99	85 - 115	
Antimony	1.00	0.997		mg/L		100	85 - 115	
Beryllium	1.00	1.09		mg/L		109	85 - 115	
Cadmium	1.00	0.972		mg/L		97	85 - 115	
Chromium	1.00	1.02		mg/L		102	85 - 115	
Copper	1.00	1.06		mg/L		106	85 - 115	
Nickel	1.00	1.03		mg/L		103	85 - 115	
Selenium	1.00	1.02		mg/L		102	85 - 115	
Silver	1.00	0.991		mg/L		99	85 - 115	
Thallium	1.00	0.989		mg/L		99	85 - 115	
Zinc	1.00	1.02		mg/L		102	85 - 115	

Lab Sample ID: LCSD 580-432320/28-A

Matrix: Water

Analysis Batch: 432559

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 432320

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Arsenic	1.00	1.05		mg/L		105	85 - 115		1	20
Lead	1.00	1.00		mg/L		100	85 - 115		2	20
Antimony	1.00	1.02		mg/L		102	85 - 115		2	20
Beryllium	1.00	1.11		mg/L		111	85 - 115		2	20
Cadmium	1.00	1.01		mg/L		101	85 - 115		4	20
Chromium	1.00	1.03		mg/L		103	85 - 115		1	20
Copper	1.00	1.06		mg/L		106	85 - 115		1	20
Nickel	1.00	1.03		mg/L		103	85 - 115		1	20
Selenium	1.00	1.08		mg/L		108	85 - 115		5	20
Silver	1.00	1.01		mg/L		101	85 - 115		2	20
Thallium	1.00	1.00		mg/L		100	85 - 115		1	20
Zinc	1.00	1.03		mg/L		103	85 - 115		1	20

Lab Sample ID: 580-129599-1 MS

Matrix: Water

Analysis Batch: 432559

Client Sample ID: Eff Comp

Prep Type: Total/NA

Prep Batch: 432320

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Arsenic	ND		1.00	1.02		mg/L		102	70 - 130	
Lead	0.00045		1.00	0.969		mg/L		97	70 - 130	
Antimony	ND		1.00	0.993		mg/L		99	70 - 130	
Beryllium	ND		1.00	1.07		mg/L		107	70 - 130	
Cadmium	ND		1.00	0.987		mg/L		99	70 - 130	
Chromium	0.00082		1.00	0.987		mg/L		99	70 - 130	
Copper	0.012		1.00	1.04		mg/L		103	70 - 130	
Nickel	ND		1.00	1.01		mg/L		100	70 - 130	
Selenium	ND		1.00	1.00		mg/L		100	70 - 130	
Silver	ND		1.00	0.984		mg/L		98	70 - 130	
Thallium	ND		1.00	0.958		mg/L		96	70 - 130	
Zinc	0.037		1.00	1.03		mg/L		100	70 - 130	

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QC Sample Results

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 580-129599-1 MSD

Matrix: Water

Analysis Batch: 432559

Client Sample ID: Eff Comp

Prep Type: Total/NA

Prep Batch: 432320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.08		mg/L		108	70 - 130	6	20
Lead	0.00045		1.00	1.04		mg/L		104	70 - 130	7	20
Antimony	ND		1.00	1.04		mg/L		104	70 - 130	5	20
Beryllium	ND		1.00	1.12		mg/L		112	70 - 130	4	20
Cadmium	ND		1.00	1.07		mg/L		107	70 - 130	8	20
Chromium	0.00082		1.00	1.03		mg/L		103	70 - 130	5	20
Copper	0.012		1.00	1.11		mg/L		110	70 - 130	6	20
Nickel	ND		1.00	1.07		mg/L		107	70 - 130	6	20
Selenium	ND		1.00	1.04		mg/L		104	70 - 130	3	20
Silver	ND		1.00	1.06		mg/L		106	70 - 130	8	20
Thallium	ND		1.00	1.03		mg/L		103	70 - 130	8	20
Zinc	0.037		1.00	1.12		mg/L		108	70 - 130	8	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 410-399777/19

Matrix: Water

Analysis Batch: 399777

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	ND		0.020		mg/L			07/22/23 12:05	1

Lab Sample ID: LCS 410-399777/17

Matrix: Water

Analysis Batch: 399777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.250	0.252		mg/L		101	90 - 110

Lab Sample ID: LCSD 410-399777/18

Matrix: Water

Analysis Batch: 399777

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.250	0.254		mg/L		102	90 - 110	1	6

Method: SM 2340C - Hardness, Total (mg/l as CaCO3)

Lab Sample ID: MB 580-432445/1

Matrix: Water

Analysis Batch: 432445

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	ND		2.0		mg/L			07/24/23 13:10	1

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QC Sample Results

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Method: SM 2340C - Hardness, Total (mg/l as CaCO3) (Continued)

Lab Sample ID: LCS 580-432445/2
Matrix: Water
Analysis Batch: 432445

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hardness as calcium carbonate	1000	982		mg/L		98	90 - 110

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 580-432828/1-A
Matrix: Water
Analysis Batch: 432829

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.020		mg/L		07/27/23 02:41	07/27/23 04:44	1

Lab Sample ID: LCS 580-432828/2-A
Matrix: Water
Analysis Batch: 432829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.202		mg/L		101	90 - 110

Lab Sample ID: LCSD 580-432828/3-A
Matrix: Water
Analysis Batch: 432829

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 432828

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.200	0.203		mg/L		101	90 - 110	0	10

Lab Sample ID: 580-129599-3 MS
Matrix: Water
Analysis Batch: 432829

Client Sample ID: Eff Comp
Prep Type: Total/NA
Prep Batch: 432828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.200	0.210		mg/L		98	90 - 110

Lab Sample ID: 580-129599-3 MSD
Matrix: Water
Analysis Batch: 432829

Client Sample ID: Eff Comp
Prep Type: Total/NA
Prep Batch: 432828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.200	0.216		mg/L		101	90 - 110	3	10

Lab Sample ID: 580-129599-3 DU
Matrix: Water
Analysis Batch: 432829

Client Sample ID: Eff Comp
Prep Type: Total/NA
Prep Batch: 432828

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	ND		ND		mg/L		NC	10

Lab Chronicle

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Client Sample ID: Eff Comp

Date Collected: 07/19/23 07:55

Date Received: 07/19/23 12:00

Lab Sample ID: 580-129599-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.8			432320	JLS	EET SEA	07/21/23 16:16
Total/NA	Analysis	200.8		1	432559	FCW	EET SEA	07/24/23 14:42

Client Sample ID: Eff Comp

Date Collected: 07/19/23 07:56

Date Received: 07/19/23 12:00

Lab Sample ID: 580-129599-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2340C		1	432445	MJ	EET SEA	07/24/23 13:10

Client Sample ID: Eff Comp

Date Collected: 07/19/23 07:57

Date Received: 07/19/23 12:00

Lab Sample ID: 580-129599-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Distill/CN			432828	CSS	EET SEA	07/27/23 02:41
Total/NA	Analysis	SM 4500 CN E		1	432829	CSS	EET SEA	07/27/23 04:44

Client Sample ID: Eff Comp

Date Collected: 07/19/23 07:58

Date Received: 07/19/23 12:00

Lab Sample ID: 580-129599-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	420.4		1	399777	Q3HN	ELLE	07/22/23 12:20

Client Sample ID: Eff Comp

Date Collected: 07/19/23 07:59

Date Received: 07/19/23 12:00

Lab Sample ID: 580-129599-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	1631E		1	433255	CL	EET SEA	07/28/23 20:47

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Veolia Water N. America Operating Svcs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Laboratory: Eurofins Seattle

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-23 *

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-24
Alaska	State	PA00009	06-30-24
Alaska (UST)	State	17-027	02-28-24
Arizona	State	AZ0780	03-12-24
Arkansas DEQ	State	88-00660	08-08-23
California	State	2792	11-30-23
Colorado	State	PA00009	06-30-24
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-24
Delaware (DW)	State	N/A	01-31-24
Florida	NELAP	E87997	06-30-24
Georgia (DW)	State	C048	01-31-24
Hawaii	State	N/A	01-31-24
Illinois	NELAP	200027	01-31-24
Iowa	State	361	03-01-24
Kansas	NELAP	E-10151	10-31-23
Kentucky (DW)	State	KY90088	12-31-23
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-23
Louisiana (All)	NELAP	02055	06-30-24
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-24
Massachusetts	State	M-PA009	06-30-24
Michigan	State	9930	01-31-24
Minnesota	NELAP	042-999-487	12-31-23
Mississippi	State	023	01-31-24
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-24
Nebraska	State	NE-OS-32-17	01-31-24
New Hampshire	NELAP	2730	01-10-24
New Jersey	NELAP	PA011	06-30-24
New York	NELAP	10670	04-01-24
North Carolina (DW)	State	42705	07-31-24
North Carolina (WW/SW)	State	521	12-31-23
North Dakota	State	R-205	01-31-24
Oklahoma	NELAP	9804	08-31-23
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-24
Rhode Island	State	LAO00338	12-31-23
South Carolina	State	89002	01-31-24
Tennessee	State	02838	01-31-24

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

Eurofins Seattle

Accreditation/Certification Summary

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704194-23-46	08-31-23
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-23
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-24
West Virginia (DW)	State	9906 C	12-31-23
West Virginia DEP	State	055	07-31-24
Wyoming	State	8TMS-L	01-31-24
Wyoming (UST)	A2LA	0001.01	11-30-24

Sample Summary

Client: Veolia Water N. America Operating Srvs
Project/Site: Veolia Water - Cle Elum

Job ID: 580-129599-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-129599-1	Eff Comp	Water	07/19/23 07:55	07/19/23 12:00
580-129599-2	Eff Comp	Water	07/19/23 07:56	07/19/23 12:00
580-129599-3	Eff Comp	Water	07/19/23 07:57	07/19/23 12:00
580-129599-4	Eff Comp	Water	07/19/23 07:58	07/19/23 12:00
580-129599-5	Eff Comp	Water	07/19/23 07:59	07/19/23 12:00

Eurofins Seattle
5755 8th Street East
Tacoma, WA 98424
Phone: 253-922-2310

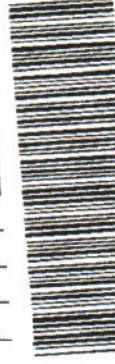
Chain of Custody Record



Environment Testing

Client Information		Lab P/N: Grant, Katie		Carrier Tracking No(s):		COC No: 580-57517-17755.1																			
Client Contact: William LaRue		E-Mail: Katie.Grant@eurofins.com		State of Origin:		Page: Page 1 of 1																			
Company: Veolia Water N. America Operating Svcs		Address: 500 Owens Rd		City: Cle Elum		State, Zip: WA, 98922																			
Phone: 509.674.4368		Due Date Requested:		TAT Requested (days):		Compliance Project: A Yes Δ No																			
Email: william.larue@veolia.com		PO #: 509.674.4368		Pay by Credit Card		WO #:																			
Project Name: Veolia Water - Cle Elum		Project #: 58009935		SSOW#:		Site: Washington																			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix (Water, Solid, On-site, Off-site)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		420 A - Local Method		2340C - Local Method		4500 CN_E - Local Method		Total Number of Containers		Special Instructions/Note:			
eff Comp		7/19/23		0755		C		Water		N		X		X		X		X		X		X			
eff Comp		7/19/23		0756		C		water		N		X		X		X		X		X		X			
eff Comp		7/19/23		0757		C		water		N		X		X		X		X		X		X			
eff Comp		7/19/23		0758		C		water		N		X		X		X		X		X		X			
eff Comp		7/19/23		0759		C		water		N		X		X		X		X		X		X			
Possible Hazard Identification		<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Special Instructions/QC Requirements:		Method of Shipment:		Time:		Date:		Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:	
Austin Simmons		7/19/23 0810		Company: Veolia		Received by: AS		Date/Time: 7/19/23 1200		Company: EETNW		Received by: [Signature]		Date/Time: 7/19/23 0925		Company: EETNW		Received by: [Signature]		Date/Time: 7/19/23 0925		Company: EETNW		Received by: [Signature]	
Custody Seal Intact: Δ Yes Δ No		Custody Seal No.:		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23		Page 19 of 23	

Loc: 580
129599



580-129599 Chain of Custody

Eurofins Seattle
5755 8th Street East
Tacoma, WA 98424
Phone: 253-922-2310

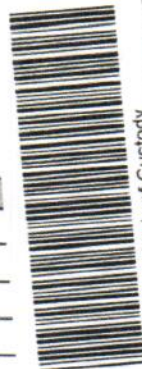
Chain of Custody Record



Environment Testing

Client Information		Sampler: S. M. M. S.		Lab PM: Grant, Katie		Carrier Tracking No(s):		COC No: 580-57517-17755.1	
Client Contact: William LaRue		Phone: 509.674.4368		E-Mail: Katie.Grant@et.eurofins.com		State of Origin:		Page: Page 1 of 1	
Company: Veolia Water N. America Operating Svcs		Address: 500 Owens Rd		City: Cle Elum		State: WA		Zip: 98922	
Phone: 509.674.4368		Compliance Project: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Pay by Credit Card		Project #		SSON#	
Email: william.larue@veolia.com		Project Name: Veolia Water - Cle Elum		Site: Washington		Due Date Requested:		TAT Requested (days):	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=other)	
eff Comp		7/19/23		0755		C		Water	
eff Comp		7/19/23		0756		C		water	
eff Comp		7/19/23		0757		C		water	
eff Comp		7/19/23		0758		C		water	
eff Comp		7/19/23		0759		C		water	
Possible Hazard Identification		<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested: I, II, III, IV, Other (specify)		Deliverable Requested: I, II, III, IV, Other (specify)		Deliverable Requested: I, II, III, IV, Other (specify)	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Special Instructions/OC Requirements:	
Relinquished by: Austin Simmons		Date/Time: 7/19/23 0810		Company: Veolia		Received by: AS		Date/Time: 7/19/23 1200	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seal Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:	

Loc: 580
129599



580-129599 Chain of Custody



Client Information (Sub Contract Lab)				COC No 580-122467 1	
Company Eurofins Lancaster Laboratories Environm				Page Page 1 of 1	
Shipping/Receiving 2425 New Holland Pike,				State of Origin Washington	
Address Lancaster				City Lancaster	
State, Zip PA, 17601				Date Requested (days) 8/1/2023	
Phone 717-656-2300(Tel)				TAT Requested (days) 8/1/2023	
Email				PO #	
Project Name Veolia Water - Cle Elum				WO #	
Site Veolia-Cle Elum				Project # 58009935	
SSOW#				Due Date Requested: 8/1/2023	

Sample Identification - Client ID (Lab ID)			Analysis Requested		Preservation Codes:	
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, B=soil, D=distillate, O=oil, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
7/19/23	07:58 Pacific		Water	X		
<div style="display: flex; justify-content: space-between;"> Eff Comp (580-129599-4) Total Number of Containers </div>						

Possible Hazard Identification Unconfirmed Deliverable Requested I, II, III, IV, Other (specify)				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Primary Deliverable Rank 2 Date 7-19-23 14:10 Company EEPA				Method of Shipment Date/Time Received by Company	
Date/Time Received by Company				Date/Time Received by Company	
Date/Time Received by Company				Date/Time Received by Company	
Custody Seal No.: Δ Yes Δ No				Cooler Temperature(s) °C and Other Remarks 1.2 COV: 1.0	

Login Sample Receipt Checklist

Client: Veolia Water N. America Operating Svcs

Job Number: 580-129599-1

Login Number: 129599

List Number: 1

Creator: Stubblefield, Gunnar 1

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Veolia Water N. America Operating Svcs

Job Number: 580-129599-1

Login Number: 129599

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 2

List Creation: 07/20/23 02:09 PM

Creator: McBeth, Jessica

Question	Answer	Comment
The cooler's custody seal is 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 ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?	N/A	