

ANALYTICAL REPORT

PREPARED FOR

Attn: Water Report
NW Natural Water Services, LLC
107 S Main St
Coupeville, Washington 98239

Generated 9/18/2025 5:42:38 PM

JOB DESCRIPTION

Saratoga Water District 763000

JOB NUMBER

110-1779-1

Eurofins Washington

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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Definitions/Glossary

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

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

Case Narrative

Client: NW Natural Water Services, LLC
Project: Saratoga Water District 763000

Job ID: 110-1779-1

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Eurofins Washington

Job Narrative 110-1779-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 9/11/2025 3:09 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°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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Detection Summary

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Client Sample ID: S05 Saratoga - Week 2

Lab Sample ID: 110-1779-1

PWSID Number: 763000

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0027		0.0010	mg/L	1		200.8	Total/NA
Arsenic	0.0027		0.0010	mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Client Sample ID: S05 Saratoga - Week 2

Lab Sample ID: 110-1779-1

Date Collected: 09/11/25 10:15

Matrix: Drinking Water

Date Received: 09/11/25 15:09

PWSID Number: 763000

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0027		0.0010	mg/L			09/17/25 15:12	1
Arsenic	0.0027		0.0010	mg/L			09/17/25 15:12	1

QC Sample Results

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 380-174879/79

Matrix: Drinking Water

Analysis Batch: 174879

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0010	mg/L			09/17/25 14:15	1

Lab Sample ID: LCS 380-174879/81

Matrix: Drinking Water

Analysis Batch: 174879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0500	0.0517		mg/L		103	85 - 115

Lab Sample ID: LCSD 380-174879/82

Matrix: Drinking Water

Analysis Batch: 174879

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
Arsenic	0.0500	0.0520		mg/L		104	85 - 115	1	20

Lab Sample ID: LLCS 380-174879/80

Matrix: Drinking Water

Analysis Batch: 174879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00100	0.00109		mg/L		109	50 - 150

Lab Sample ID: 110-1713-K-1 MS

Matrix: Drinking Water

Analysis Batch: 174879

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		0.0500	0.0560		mg/L		110	70 - 130

Lab Sample ID: 110-1713-K-1 MSD

Matrix: Drinking Water

Analysis Batch: 174879

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.0500	0.0573		mg/L		113	70 - 130	2	20

QC Association Summary

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Metals

Analysis Batch: 174879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
110-1779-1	S05 Saratoga - Week 2	Total/NA	Drinking Water	200.8	
MBL 380-174879/79	Method Blank	Total/NA	Drinking Water	200.8	
LCS 380-174879/81	Lab Control Sample	Total/NA	Drinking Water	200.8	
LCSD 380-174879/82	Lab Control Sample Dup	Total/NA	Drinking Water	200.8	
LLCS 380-174879/80	Lab Control Sample	Total/NA	Drinking Water	200.8	
110-1713-K-1 MS	Matrix Spike	Total/NA	Drinking Water	200.8	
110-1713-K-1 MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	200.8	

Lab Chronicle

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Client Sample ID: S05 Saratoga - Week 2
Date Collected: 09/11/25 10:15
Date Received: 09/11/25 15:09

Lab Sample ID: 110-1779-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	174879	T8BB	EA POM	09/17/25 15:12

Laboratory References:
EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Accreditation/Certification Summary

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Laboratory: Eurofins Eaton Analytical Pomona

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	ISO/IEC 17025	5890.01 & 5890.02	06-30-27
Alabama	State	41060	06-18-26
Arizona	State	AZ0833	02-27-26
Arkansas (DW)	State	CA00006	01-31-26
California	State	2813	06-18-27
Colorado	State	CA00006	01-31-26
Connecticut	State	PH-0107	03-31-26
Delaware (DW)	State	CA00006	01-31-26
Florida	NELAP	E871024	06-30-26
Georgia (DW)	State	947	01-31-26
Guam	State	25-02R	03-31-26
Hawaii	State	CA00006	01-31-26
Hawaii (Micro)	State	CA00006	01-31-26
Idaho (DW)	State	CA00006	01-31-26
Idaho (Micro)	State	CA00006	03-31-26
Illinois	NELAP	200033	03-31-26
Indiana	State	C-CA-01	06-18-27
Kansas	NELAP	E-10268	04-30-26
Kentucky (DW)	State	KY90107	12-31-25
Louisiana (DW)	State	LA008	12-31-25
Maine	State	CA00006A	03-08-26
Maryland	State	224	03-31-26
Massachusetts	State	M-CA006	06-30-26
MI - RadChem Recognition	State	9906	06-18-25 *
Michigan	State	9906	06-18-25 *
Mississippi	State	CA2813	06-18-25 *
Montana (DW)	State	CERT0035	01-01-26
Nebraska	State	NE-OS-21-13	01-31-26
Nevada	State	CA00006	07-31-26
New Hampshire	NELAP	2959	03-29-26
New Jersey	NELAP	CA008	06-30-26
New Mexico	State	CA00006	01-31-26
New York	NELAP	11320	04-01-26
North Carolina (DW)	State	06701	07-31-26
North Dakota	State	R-009	01-31-26
Northern Mariana Islands (DW)	State	CA00006	01-31-26
Ohio	State	87786	01-31-26
Oregon	NELAP	4034	01-29-26
Pennsylvania	NELAP	68-00565	10-31-25
Puerto Rico	State	CA00006	03-31-26
Rhode Island	State	LAO00381	12-30-25
South Dakota (DW)	State	CA11320	06-18-27
Tennessee	State	TN02839	01-31-25 *
Texas	NELAP	T104704230	09-30-25
USEPA UCMR 5	US Federal Programs	CA00006	12-31-25
Utah	NELAP	CA00006	01-31-26
Vermont	State	VT-0114	12-28-25
Virginia	NELAP	460260	06-14-26
Washington	State	C838	03-13-26
Wyoming	State	8-TMS-L	06-18-27

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

Eurofins Washington

Method Summary

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EA POM
None	Autocomplete Prep - Metals - No Digestion required	None	EA POM

Protocol References:

EPA = US Environmental Protection Agency
None = None

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Sample Summary

Client: NW Natural Water Services, LLC
Project/Site: Saratoga Water District 763000

Job ID: 110-1779-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
110-1779-1	S05 Saratoga - Week 2	Drinking Water	09/11/25 10:15	09/11/25 15:09	763000

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



Client Information (Sub Contract Lab)				Sampler: N/A Phone: N/A E-Mail: N/A		Lab PM: Deighton Crystal E-Mail: Crystal.Deighton@eurofins.com		Carrier Tracking No(s): N/A State of Origin: Washington		COC No: 110-370 1 Page: Page 1 of 1 Job #: 110-1779-1							
Company: Eurofins Eaton Analytical Address: 941 Corporate Center Drive City: Pomona State Zip: CA, 91768-2642 Phone: 626-386-1100(Tel) Email: N/A Project Name: Saratoga Water District 763000 Site: N/A				Accreditations Required (See note) NELAP - Oregon State - Washington													
Due Date Requested: 9/23/2025 TAT Requested (days): N/A PO #: N/A WO #: N/A Project #: 11000691 SOW#: N/A				Analysis Requested													
Sample Identification - Client ID (Lab ID) S05 Saratoga - Week 2 (110-1779-1)				Sample Date: 9/11/25 Sample Time: 10:15 Pacific		Sample Type: G=grab Preservation Code: G		Matrix: (W=water, S=solid, O=water/oil, BT=Tissue, A=Air) Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/>		Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/>		200 8_SDWA/Auto_ME_NoPrep/arsenic		Total Number of Containers: 1		Special Instructions/Note:	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northwest, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northwest, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northwest, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northwest, LLC																	
Possible Hazard Identification Unconfirmed Deliverable Requested: I II III IV Other (specify): Primary Deliverable Rank: 2 Empty Kit Relinquished by: CJK 9/15/25 13:15 Relinquished by: _____ Relinquished by: _____ Relinquished by: _____																	
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 Special Instructions/QC Requirements																	
Date/Time: 9/15/25 13:15 Date/Time: _____ Date/Time: _____ Date/Time: _____				Date/Time: _____ Date/Time: _____ Date/Time: _____ Date/Time: _____				Date/Time: _____ Date/Time: _____ Date/Time: _____ Date/Time: _____				Date/Time: _____ Date/Time: _____ Date/Time: _____ Date/Time: _____					
Relinquished by: CJK 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 A No Custody Seal No				Cooler Temperature(s) °C and Other Remarks: (93.1) 18.8 10.8 14.1				Cooler Temperature(s) °C and Other Remarks:				Cooler Temperature(s) °C and Other Remarks:					

Login Sample Receipt Checklist

Client: NW Natural Water Services, LLC

Job Number: 110-1779-1

Login Number: 1779

List Source: Eurofins Washington

List Number: 1

Creator: Meleshchuk, Maxim

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: NW Natural Water Services, LLC

Job Number: 110-1779-1

Login Number: 1779

List Source: Eurofins Eaton Analytical Pomona

List Number: 2

List Creation: 09/16/25 02:07 PM

Creator: Hernandez, Orlando

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	
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	
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").	N/A	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Container provided by EEA	True	