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OR NELAP 4072

## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: Alderwood Wastewater  
3626 156 Street SW  
Lynnwood, WA 98087

Reference Number: 24-15221  
Project: IOC

Date Collected: 5/28/24 08:54  
System ID Number: **01319B**  
Lab Number: **046-28795**  
Sample Location: 2331 164th St SW  
Sample Purpose: C - Compliance  
Sample Composition: Single Source  
Approved by: anp,bj,tjb  
Authorized by:

Lawrence J Henderson, PhD  
Director of Laboratories, Vice President

Field ID:  
System Group Type: A  
System Name: 164TH ST ARTESIAN WELL  
County: SNOHOMISH  
Source Number: **01**  
Multiple Sources:  
Date Received: 5/29/24  
Report Date: 6/13/24  
Sample Type: D - Drinking Water  
Sampled By: Matt Williams  
Sampler Phone: 4257870250

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
	<b>EPA Regulated</b>										
4	ARSENIC	<b>0.0053</b>	mg/L	0.001	0.010	<b>0.010</b>	bj	200.8	a	06/05/24	
5	BARIUM	<b>0.0066</b>	mg/L	0.001	2	<b>2</b>	bj	200.8	a	06/05/24	
6	CADMIUM	<b>ND</b>	mg/L	0.001	0.005	<b>0.005</b>	bj	200.8	a	06/05/24	
7	CHROMIUM	<b>0.0042</b>	mg/L	0.001	0.1	<b>0.1</b>	bj	200.8	a	06/05/24	
11	MERCURY	<b>ND</b>	mg/L	0.0002		<b>0.002</b>	bj	200.8	a	06/05/24	
12	SELENIUM	<b>ND</b>	mg/L	0.002	0.05	<b>0.05</b>	bj	200.8	a	06/05/24	
110	BERYLLIUM	<b>ND</b>	mg/L	0.0003	0.004	<b>0.004</b>	bj	200.8	a	06/11/24	
111	NICKEL	<b>ND</b>	mg/L	0.001	0.1		bj	200.8	a	06/05/24	
112	ANTIMONY	<b>ND</b>	mg/L	0.001	0.006	<b>0.006</b>	bj	200.8	a	06/05/24	
113	THALLIUM	<b>ND</b>	mg/L	0.0001	0.002	<b>0.002</b>	bj	200.8	a	06/05/24	
116	CYANIDE, AVAILABLE	<b>ND</b>	mg/L	0.005	0.2	<b>0.2</b>	mso	OIA-1677-DW	a	06/04/24	
19	FLUORIDE	<b>0.11</b>	mg/L	0.1	2	<b>4</b>	jwn	300.0	a	05/29/24 00:00	
114	NITRITE-N	<b>ND</b>	mg/L	0.1	0.5	<b>1</b>	jwn	300.0	a	05/29/24 19:18	
20	NITRATE-N	<b>0.96</b>	mg/L	0.1	5	<b>10</b>	jwn	300.0	a	05/29/24 19:18	
161	TOTAL NITRATE+NITRITE as N	<b>0.96</b>	mg/L	0.10	5	<b>10</b>	jwn	300.0	a	05/29/24 19:18	
	<b>EPA Regulated (Secondary)</b>										
8	IRON	<b>ND</b>	mg/L	0.100	0.3	<b>0.3</b>	bj	200.7	a	06/05/24	
10	MANGANESE	<b>ND</b>	mg/L	0.001	0.05	<b>0.05</b>	bj	200.8	a	06/05/24	
13	SILVER	<b>ND</b>	mg/L	0.001	0.05	<b>0.05</b>	bj	200.8	a	06/05/24	
21	CHLORIDE	<b>4.4</b>	mg/L	0.1	250	<b>250</b>	jwn	300.0	a	05/29/24 00:00	
22	SULFATE	<b>11.5</b>	mg/L	0.2	250	<b>250</b>	jwn	300.0	a	05/29/24 00:00	
24	ZINC	<b>ND</b>	mg/L	0.005		<b>5.00</b>	bj	200.8	a	06/05/24	
14	SODIUM	<b>7.0</b>	mg/L	5.0			bj	200.7	a	06/05/24	
15	HARDNESS as Calcium Carbonate	<b>78.0</b>	mg/L	10			bj	200.7	a	06/05/24	
16	ELECTRICAL CONDUCTIVITY	<b>180</b>	uS/cm	10	700	<b>700</b>	ath	SM2510 B	a	06/03/24	
17	TURBIDITY	<b>0.26</b>	NTU	0.10		<b>1</b>	ebvp	180.1	a	05/29/24 16:34	
18	COLOR	<b>ND</b>	Color Units	5	15	<b>15</b>	ebvp	SM2120 B	a	05/29/24 16:35	pH: 7
26	TOTAL DISSOLVED SOLIDS (TDS)	<b>132</b>	mg/L	10	500	<b>500</b>	jer	SM2540 C	a	06/04/24	
	<b>State Unregulated</b>										
9	LEAD	<b>ND</b>	mg/L	0.001		<b>0.015</b>	bj	200.8	a	06/05/24	
23	COPPER	<b>ND</b>	mg/L	0.005		<b>1.3</b>	bj	200.8	a	06/05/24	

**NOTES:**

SRL (State Reporting Level): indicates the minimum reporting level required by the Washington Department of Health (DOH).  
MCL (Maximum Contaminant Level) maximum permissible level of a contaminant in water established by EPA; Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.  
Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.  
ND (Not Detected): indicates that the parameter was not detected above the Specified Reporting Limit (SRL).  
An \* in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

These test results meet all the requirements of NELAC, unless otherwise stated in writing, and relate only to these samples.  
If you have any questions concerning this report contact Lawrence J Henderson, PhD, Director of Laboratories, Vice President, at the toll-free phone number above.