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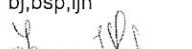
OR NELAP 4072

INORGANIC COMPOUNDS (IOC) REPORT

Client Name: Alderwood Water District
 15204 35th Ave W
 Lynnwood, WA 98087

Reference Number: 21-18196

Project: IOC

Date Collected: 5/19/21 08:15
 System ID Number: **01319B**
 Lab Number: **046-34824**
 Sample Location: 164th St. Artesian Well #5
 Sample Purpose: C - Compliance
 Sample Composition: Single Source
 Approved by: bj,bsp,ljh
 Authorized by: 

Field ID:
 System Group Type: A
 System Name: 164TH ST ARTESIAN WELL
 County: SNOHOMISH
 Source Number: **01**
 Multiple Sources:
 Date Received: 5/20/21
 Report Date: 6/2/21
 Sample Type: D - Drinking Water
 Sampled By: Mike W.
 Sampler Phone: 425-787-0250

Lawrence J Henderson, PhD
 Director of Laboratories, Vice President

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
EPA Regulated											
4	ARSENIC	0.0054	mg/L	0.001	0.010	0.010	bsp	200.8	a	05/25/21	
5	BARIUM	0.0059	mg/L	0.001	2	2	bsp	200.8	a	05/25/21	
6	CADMIUM	ND	mg/L	0.001	0.005	0.005	bsp	200.8	a	05/25/21	
7	CHROMIUM	0.0036	mg/L	0.001	0.1	0.1	bsp	200.8	a	05/25/21	
11	MERCURY	ND	mg/L	0.0002		0.002	bsp	200.8	a	05/25/21	
12	SELENIUM	ND	mg/L	0.002	0.05	0.05	bsp	200.8	a	05/25/21	
110	BERYLLIUM	ND	mg/L	0.0003	0.004	0.004	bsp	200.8	a	05/25/21	
111	NICKEL	ND	mg/L	0.001	0.1		bsp	200.8	a	05/25/21	
112	ANTIMONY	ND	mg/L	0.001	0.006	0.006	bsp	200.8	a	05/25/21	
113	THALLIUM	ND	mg/L	0.0001	0.002	0.002	bsp	200.8	a	05/25/21	
116	CYANIDE, AVAILABLE	ND	mg/L	0.005	0.2	0.2	bsp	OIA-1677-DW	a	05/27/21	
19	FLUORIDE	0.13	mg/L	0.1	2	4	bsp	300.0	a	05/20/21	
114	NITRITE-N	ND	mg/L	0.1	0.5	1	bsp	300.0	a	05/20/21 19:08	
20	NITRATE-N	0.83	mg/L	0.1	5	10	bsp	300.0	a	05/20/21 19:08	
161	TOTAL NITRATE+NITRITE as N	0.83	mg/L	0.50	5	10	bsp	300.0	a	05/20/21 19:08	
EPA Regulated (Secondary)											
8	IRON	ND	mg/L	0.100	0.3	0.3	bj	200.7	a	06/01/21	
10	MANGANESE	ND	mg/L	0.001	0.05	0.05	bsp	200.8	a	05/25/21	
13	SILVER	ND	mg/L	0.001	0.05	0.05	bsp	200.8	a	05/25/21	
21	CHLORIDE	4.1	mg/L	0.1	250	250	bsp	300.0	a	05/20/21	
22	SULFATE	10.8	mg/L	0.2	250	250	bsp	300.0	a	05/20/21	
24	ZINC	ND	mg/L	0.005		5.00	bsp	200.8	a	05/25/21	
14	SODIUM	6.2	mg/L	5.0			bj	200.7	a	06/01/21	
15	HARDNESS as Calcium Carbonate	72.3	mg/L	10			bj	200.7	a	06/01/21	
16	ELECTRICAL CONDUCTIVITY	177.3	uS/cm	10	700	700	crc	SM2510 B	a	05/24/21	
17	TURBIDITY	ND	NTU	0.10		1	tjb	180.1	a	05/20/21 15:47	
18	COLOR	ND	Color Units	5	15	15	tjb	SM2120 B	a	05/20/21 15:58	pH: 6
26	TOTAL DISSOLVED SOLIDS (TDS)	133	mg/L	10	500	500	crc	SM2540 C	a	05/24/21	
State Unregulated											
9	LEAD	ND	mg/L	0.001		0.015	bsp	200.8	a	05/25/21	
23	COPPER	ND	mg/L	0.005		1.3	bsp	200.8	a	05/25/21	

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).
 * 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.