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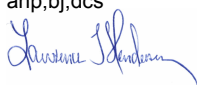


OR NELAP 4072

INORGANIC COMPOUNDS (IOC) REPORT

Client Name: Mount Baker Water Association
PO Box 29465
Bellingham, WA 98228

Reference Number: 24-28202
Project: River IOC 24

Date Collected: 9/19/24 09:14
System ID Number: **565006**
Lab Number: **046-54552**
Sample Location: River Well #2
Sample Purpose: C - Compliance
Sample Composition: Single Source
Approved by: anp,bj,dcs
Authorized by: 
Lawrence J Henderson, PhD
Director of Laboratories, Vice President

Field ID:
System Group Type: A
System Name: MOUNT BAKER WATER ASSOCIATION
County: Whatcom
Source Number: **02**
Multiple Sources:
Date Received: 9/19/24
Report Date: 10/2/24
Sample Type: B - Before treatment
Sampled By: Rob
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
	EPA Regulated										
4	ARSENIC	ND	mg/L	0.001	0.010	0.010	bj	200.8	a	09/23/24	
5	BARIUM	0.0052	mg/L	0.001	2	2	bj	200.8	a	09/23/24	
6	CADMIUM	ND	mg/L	0.001	0.005	0.005	bj	200.8	a	09/23/24	
7	CHROMIUM	ND	mg/L	0.001	0.1	0.1	bj	200.8	a	09/23/24	
11	MERCURY	ND	mg/L	0.0002		0.002	bj	200.8	a	09/24/24	
12	SELENIUM	ND	mg/L	0.002	0.05	0.05	bj	200.8	a	09/23/24	
110	BERYLLIUM	ND	mg/L	0.0003	0.004	0.004	bj	200.8	a	09/23/24	
111	NICKEL	0.0015	mg/L	0.001	0.1		bj	200.8	a	09/23/24	
112	ANTIMONY	ND	mg/L	0.001	0.006	0.006	bj	200.8	a	09/23/24	
113	THALLIUM	ND	mg/L	0.0001	0.002	0.002	bj	200.8	a	09/23/24	
116	CYANIDE, AVAILABLE	ND	mg/L	0.005	0.2	0.2	mso	OIA-1677-DW	a	09/27/24	
19	FLUORIDE	ND	mg/L	0.1	2	4	ebvp	300.0	a	09/20/24	
114	NITRITE-N	ND	mg/L	0.1	0.5	1	ebvp	300.0	a	09/20/24 13:53	
20	NITRATE-N	0.26	mg/L	0.1	5	10	ebvp	300.0	a	09/20/24 13:53	
161	TOTAL NITRATE+NITRITE as N	0.26	mg/L	0.50	5	10	ebvp	300.0	a	09/20/24 13:53	
	EPA Regulated (Secondary)										
8	IRON	ND	mg/L	0.100	0.3	0.3	bj	200.7	a	09/24/24	
10	MANGANESE	ND	mg/L	0.001	0.05	0.05	bj	200.8	a	09/23/24	
13	SILVER	ND	mg/L	0.001	0.05	0.05	bj	200.8	a	09/23/24	
21	CHLORIDE	2.7	mg/L	0.1	250	250	ebvp	300.0	a	09/20/24	
22	SULFATE	13.6	mg/L	0.2	250	250	ebvp	300.0	a	09/20/24	
24	ZINC	0.0074	mg/L	0.005		5.00	bj	200.8	a	09/23/24	
14	SODIUM	5.0	mg/L	5.0			bj	200.7	a	09/24/24	
15	HARDNESS as Calcium Carbonate	74.2	mg/L	10			bj	200.7	a	09/24/24	
16	ELECTRICAL CONDUCTIVITY	162	uS/cm	10	700	700	ath	SM2510 B	a	09/23/24	
17	TURBIDITY	ND	NTU	0.02		1	spm2	180.1	a	09/20/24 14:37	
18	COLOR	ND	Color Units	5	15	15	spm2	SM2120 B	a	09/20/24 15:05	pH:6
26	TOTAL DISSOLVED SOLIDS (TDS)	102	mg/L	10	500	500	jer	SM2540 C	a	09/24/24	
	State Unregulated										
9	LEAD	0.0014	mg/L	0.001		0.015	bj	200.8	a	09/23/24	
23	COPPER	ND	mg/L	0.005		1.3	bj	200.8	a	09/23/24	

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.

FORM: IOC_ST