



Burlington, WA Corporate Laboratory (a)
1620 S Walnut St - Burlington, WA 98233 - 800.755.9295 • 360.757.1400

Bellingham, WA Microbiology (b)
805 Orchard Dr Ste 4 - Bellingham, WA 98225 - 360.715.1212

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9150 SW Pioneer Ct Ste W - Wilsonville, OR 97070 - 503.682.7802

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1100 NE Circle Blvd, Ste 130 - Corvallis, OR 97330 - 541.753.4946

Bend, OR Microbiology (e)
20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425



OR NELAP 4072

INORGANIC COMPOUNDS (IOC) REPORT

Client Name: **Burton Water Company**
11511 98th Ave SW
Vashon, WA 98070

Reference Number: **21-02984**
Project: **IOC TOT**

Date Collected: **1/26/21 15:15**
System ID Number:
Lab Number: **046-05687**
Sample Location: **S07 -2**
Sample Purpose: **Investigative or Other**
Sample Composition:

Approved by: **bj,bsp**

Authorized by:

Lawrence J Henderson, PhD
Director of Laboratories, Vice President

Field ID:
System Group Type:
System Name:
County:
Source Number:
Multiple Sources:
Date Received: **1/27/21**
Report Date: **2/8/21**
Sample Type:
Sampled By:
Sampler Phone:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
	EPA Regulated										
4	ARSENIC	0.0018	mg/L	0.001	0.010	0.010	bsp	200.8	a	02/01/21	
5	BARIIUM	0.0039	mg/L	0.001	2	2	bsp	200.8	a	02/01/21	
6	CADMIUM	ND	mg/L	0.001	0.005	0.005	bsp	200.8	a	02/01/21	
7	CHROMIUM	0.0019	mg/L	0.001	0.1	0.1	bsp	200.8	a	02/01/21	
11	MERCURY	ND	mg/L	0.0002		0.002	bsp	200.8	a	02/05/21	
12	SELENIUM	ND	mg/L	0.002	0.05	0.05	bsp	200.8	a	02/01/21	
110	BERYLLIUM	ND	mg/L	0.0003	0.004	0.004	bsp	200.8	a	02/01/21	
111	NICKEL	0.0011	mg/L	0.001	0.1		bsp	200.8	a	02/01/21	
112	ANTIMONY	ND	mg/L	0.001	0.006	0.006	bsp	200.8	a	02/01/21	
113	THALLIUM	ND	mg/L	0.0001	0.002	0.002	bsp	200.8	a	02/01/21	
116	CYANIDE, AVAILABLE	ND	mg/L	0.005	0.2	0.2	bsp	OIA-1677-DW	a	01/29/21	
19	FLUORIDE	ND	mg/L	0.1	2	4	bsp	300.0	a	01/27/21	
114	NITRITE-N	ND	mg/L	0.1	0.5	1	bsp	300.0	a	01/27/21 18:31	
20	NITRATE-N	1.60	mg/L	0.1	5	10	bsp	300.0	a	01/27/21 18:31	
161	TOTAL NITRATE+NITRITE as N	1.60	mg/L	0.50	5	10	bsp	300.0	a	01/27/21 18:31	
	EPA Regulated (Secondary)										
8	IRON	0.061	mg/L	0.100	0.3	0.3	bj	200.7	a	01/29/21	
10	MANGANESE	0.0025	mg/L	0.001	0.05	0.05	bsp	200.8	a	02/01/21	
13	SILVER	ND	mg/L	0.001	0.05	0.05	bsp	200.8	a	02/01/21	
21	CHLORIDE	6.2	mg/L	0.1	250	250	bsp	300.0	a	01/27/21	
22	SULFATE	7.9	mg/L	0.2	250	250	bsp	300.0	a	01/27/21	
24	ZINC	0.0096	mg/L	0.005		5.00	bsp	200.8	a	02/01/21	
14	SODIUM	6.5	mg/L	5.0			bj	200.7	a	01/29/21	
15	HARDNESS as Calcium Carbonate	71.4	mg/L	10			bj	200.7	a	01/29/21	
16	ELECTRICAL CONDUCTIVITY	172	uS/cm	10	700	700	ase	SM2510 B	a	01/28/21	
17	TURBIDITY	1.2	NTU	0.10		1	ase	180.1	a	01/27/21 17:37	
18	COLOR	ND	Color Units	5	15	15	ase	SM2120 B	a	01/27/21 17:21	pH:6
26	TOTAL DISSOLVED SOLIDS (TDS)	113	mg/L	10	500	500	hrv	SM2540 C	a	02/03/21	
	State Unregulated										
9	LEAD	ND	mg/L	0.001		0.015	bsp	200.8	a	02/01/21	
23	COPPER	0.0330	mg/L	0.005		1.3	bsp	200.8	a	02/01/21	

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).

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.



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OR NELAP 4072

INORGANIC COMPOUNDS (IOC) REPORT

Client Name: **Burton Water Company**
11511 98th Ave SW
Vashon, WA 98070

Reference Number: **21-02984**
Project: **IOC TOT**

Date Collected: **1/26/21 15:30**
System ID Number:
Lab Number: **046-05688**
Sample Location: **S07 -3**
Sample Purpose: **Investigative or Other**
Sample Composition:

Field ID:
System Group Type:
System Name:
County:
Source Number:
Multiple Sources:
Date Received: **1/27/21**
Report Date: **2/8/21**
Sample Type:
Sampled By:
Sampler Phone:

Approved by: **bj,bsp**

Authorized by:

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	0.0010	mg/L	0.001	0.010	0.010	bsp	200.8	a	02/01/21	
5	BARIIUM	0.0034	mg/L	0.001	2	2	bsp	200.8	a	02/01/21	
6	CADMIUM	ND	mg/L	0.001	0.005	0.005	bsp	200.8	a	02/01/21	
7	CHROMIUM	0.0016	mg/L	0.001	0.1	0.1	bsp	200.8	a	02/01/21	
11	MERCURY	ND	mg/L	0.0002		0.002	bsp	200.8	a	02/05/21	
12	SELENIUM	ND	mg/L	0.002	0.05	0.05	bsp	200.8	a	02/01/21	
110	BERYLLIUM	ND	mg/L	0.0003	0.004	0.004	bsp	200.8	a	02/01/21	
111	NICKEL	ND	mg/L	0.001	0.1		bsp	200.8	a	02/01/21	
112	ANTIMONY	ND	mg/L	0.001	0.006	0.006	bsp	200.8	a	02/01/21	
113	THALLIUM	ND	mg/L	0.0001	0.002	0.002	bsp	200.8	a	02/01/21	
116	CYANIDE, AVAILABLE	ND	mg/L	0.005	0.2	0.2	bsp	OIA-1677-DW	a	01/29/21	
19	FLUORIDE	ND	mg/L	0.1	2	4	bsp	300.0	a	01/27/21	
114	NITRITE-N	ND	mg/L	0.1	0.5	1	bsp	300.0	a	01/27/21 18:53	
20	NITRATE-N	1.27	mg/L	0.1	5	10	bsp	300.0	a	01/27/21 18:53	
161	TOTAL NITRATE+NITRITE as N	1.27	mg/L	0.50	5	10	bsp	300.0	a	01/27/21 18:53	
	EPA Regulated (Secondary)										
8	IRON	0.10	mg/L	0.100	0.3	0.3	bj	200.7	a	01/29/21	
10	MANGANESE	0.0012	mg/L	0.001	0.05	0.05	bsp	200.8	a	02/01/21	
13	SILVER	ND	mg/L	0.001	0.05	0.05	bsp	200.8	a	02/01/21	
21	CHLORIDE	3.9	mg/L	0.1	250	250	bsp	300.0	a	01/27/21	
22	SULFATE	7.9	mg/L	0.2	250	250	bsp	300.0	a	01/27/21	
24	ZINC	ND	mg/L	0.005		5.00	bsp	200.8	a	02/01/21	
14	SODIUM	5.8	mg/L	5.0			bj	200.7	a	01/29/21	
15	HARDNESS as Calcium Carbonate	57.0	mg/L	10			bj	200.7	a	01/29/21	
16	ELECTRICAL CONDUCTIVITY	139	uS/cm	10	700	700	ase	SM2510 B	a	01/28/21	
17	TURBIDITY	2.3	NTU	0.10		1	ase	180.1	a	01/27/21 17:39	
18	COLOR	ND	Color Units	5	15	15	ase	SM2120 B	a	01/27/21 17:22	pH:6
26	TOTAL DISSOLVED SOLIDS (TDS)	100	mg/L	10	500	500	hrv	SM2540 C	a	02/03/21	
	State Unregulated										
9	LEAD	ND	mg/L	0.001		0.015	bsp	200.8	a	02/01/21	
23	COPPER	ND	mg/L	0.005		1.3	bsp	200.8	a	02/01/21	

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).
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INORGANIC COMPOUNDS (IOC) REPORT

Client Name: **Burton Water Company**
11511 98th Ave SW
Vashon, WA 98070

Reference Number: **21-02984**
Project: **IOC TOT**

Date Collected: **1/26/21 15:45**
System ID Number:
Lab Number: **046-05689**
Sample Location: **S07 -4**
Sample Purpose: **Investigative or Other**
Sample Composition:

Field ID:
System Group Type:
System Name:
County:
Source Number:
Multiple Sources:
Date Received: **1/27/21**
Report Date: **2/8/21**
Sample Type:
Sampled By:
Sampler Phone:

Approved by: **bj,bsp**

Authorized by:

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	0.0011	mg/L	0.001	0.010	0.010	bsp	200.8	a	02/01/21	
5	BARIIUM	0.0044	mg/L	0.001	2	2	bsp	200.8	a	02/01/21	
6	CADMIUM	ND	mg/L	0.001	0.005	0.005	bsp	200.8	a	02/01/21	
7	CHROMIUM	0.0018	mg/L	0.001	0.1	0.1	bsp	200.8	a	02/01/21	
11	MERCURY	ND	mg/L	0.0002		0.002	bsp	200.8	a	02/05/21	
12	SELENIUM	ND	mg/L	0.002	0.05	0.05	bsp	200.8	a	02/01/21	
110	BERYLLIUM	ND	mg/L	0.0003	0.004	0.004	bsp	200.8	a	02/01/21	
111	NICKEL	0.0011	mg/L	0.001	0.1		bsp	200.8	a	02/01/21	
112	ANTIMONY	ND	mg/L	0.001	0.006	0.006	bsp	200.8	a	02/01/21	
113	THALLIUM	ND	mg/L	0.0001	0.002	0.002	bsp	200.8	a	02/01/21	
116	CYANIDE, AVAILABLE	ND	mg/L	0.005	0.2	0.2	bsp	OIA-1677-DW	a	01/29/21	
19	FLUORIDE	ND	mg/L	0.1	2	4	bsp	300.0	a	01/27/21	
114	NITRITE-N	ND	mg/L	0.1	0.5	1	bsp	300.0	a	01/27/21 17:25	
20	NITRATE-N	1.32	mg/L	0.1	5	10	bsp	300.0	a	01/27/21 17:25	
161	TOTAL NITRATE+NITRITE as N	1.32	mg/L	0.50	5	10	bsp	300.0	a	01/27/21 17:25	
	EPA Regulated (Secondary)										
8	IRON	ND	mg/L	0.100	0.3	0.3	bj	200.7	a	01/29/21	
10	MANGANESE	0.0056	mg/L	0.001	0.05	0.05	bsp	200.8	a	02/01/21	
13	SILVER	ND	mg/L	0.001	0.05	0.05	bsp	200.8	a	02/01/21	
21	CHLORIDE	5.0	mg/L	0.1	250	250	bsp	300.0	a	01/27/21	
22	SULFATE	9.1	mg/L	0.2	250	250	bsp	300.0	a	01/27/21	
24	ZINC	ND	mg/L	0.005		5.00	bsp	200.8	a	02/01/21	
14	SODIUM	6.4	mg/L	5.0			bj	200.7	a	01/29/21	
15	HARDNESS as Calcium Carbonate	69.2	mg/L	10			bj	200.7	a	01/29/21	
16	ELECTRICAL CONDUCTIVITY	165	uS/cm	10	700	700	ase	SM2510 B	a	01/28/21	
17	TURBIDITY	0.77	NTU	0.10		1	ase	180.1	a	01/27/21 17:42	
18	COLOR	ND	Color Units	5	15	15	ase	SM2120 B	a	01/27/21 17:23	pH:6
26	TOTAL DISSOLVED SOLIDS (TDS)	112	mg/L	10	500	500	hrv	SM2540 C	a	02/03/21	
	State Unregulated										
9	LEAD	ND	mg/L	0.001		0.015	bsp	200.8	a	02/01/21	
23	COPPER	ND	mg/L	0.005		1.3	bsp	200.8	a	02/01/21	

NOTES:

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