



ALS Environmental
1317 South 13th Avenue
Kelso, WA 98626

**INORGANIC CHEMICALS (IOC)s REPORT
for the State of Washington
REPORT OF ANALYSIS**

Date Collected: (MM/DD/YY) 11/21/23		System Group (Select A,B,Other): A	
Water System ID Number: 63000C		System Name: North Beach Water District	
Lab Sample Number: 01731971		County: Pacific	
Sample Location: North Raw Treatment		Source Number(s): S06	
Sample Purpose:		Date Received: 11/21/23	
Select One		Date Analyzed: 11/21-12/6/23	
<input checked="" type="checkbox"/>	RC- Routine/Compliance	Date Reported: 12/07/23	
<input type="checkbox"/>	C- Confirmation	Comments: K2313197-001	
<input type="checkbox"/>	Investigative		
<input type="checkbox"/>	Other(specify)		
Sample Composition:		Sample Type: (Select One)	
Select One		<input checked="" type="checkbox"/>	Pre-Treatment/Raw
<input checked="" type="checkbox"/>	S- Single Source	<input type="checkbox"/>	Post-Treatment/Finished
<input type="checkbox"/>	B- Blended	<input type="checkbox"/>	Unknown
<input type="checkbox"/>	C- Composite	Sample Collected by: Dennis Schweizer	
<input type="checkbox"/>	D- Distribution sample	Phone Number: 360-665-4144	
Send Report to: Rick Gray WA DOH		Bill to:	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
EPA REGULATED									
4	Arsenic	0.009	mg/l	0.0014	0.005	0.01		200.8	JC
5	Barium	<0.005	mg/l	0.1	2	2		200.7	AEM
6	Cadmium	<0.001	mg/l	0.001	0.005	0.005		200.8	JC
7	Chromium	<0.001	mg/l	0.007	0.1	0.1		200.8	JC
11	Mercury	<0.0002	mg/l	0.0002	0.002	0.002		245.1	SS
12	Selenium	<0.001	mg/l	0.002	0.05	0.05		200.8	JC
110	Beryllium	<0.0003	mg/l	0.0003	0.004	0.004		200.8	JC
111	Nickel	<0.001	mg/l	0.005	---	---		200.8	JC
112	Antimony	<0.001	mg/l	0.003	0.006	0.006		200.8	JC
113	Thallium	<0.001	mg/l	0.001	0.002	0.002		200.8	JC
116	Cyanide	<0.010	mg/l	0.01	0.2	0.2		335.4	MR
19	Fluoride	<0.20	mg/l	0.5	2	4		300.0	NF
114	Nitrite - N	<0.10	mg/l	0.1	0.5	1		300.0	NF
20	Nitrate - N	0.16	mg/l	0.5	5	10		300.0	NF
161	Total Nitrate/Nitrite	<0.20	mg/l	0.5	5	10		300.0	NF
EPA REGULATED (Secondary)									
8	Iron	0.44	mg/l	0.1	---	0.3 ¹	X	200.7	AEM
10	Manganese	0.109	mg/l	0.01	---	0.05 ¹	X	200.7	AEM
13	Silver	<0.001	mg/l	0.1	---	0.1 ¹		200.8	JC
21	Chloride	24.1	mg/l	20	---	250 ¹		300.0	NF
22	Sulfate	7.29	mg/l	50	---	250 ¹		300.0	NF
24	Zinc	<0.01	mg/l	0.2	---	5 ¹		200.7	AEM

**INORGANIC CHEMICALS (IOCs) REPORT
for the State of Washington (cont.)**

Lab Sample Number: 01731971

Date Collected: 11/21/23

STATE REGULATED									
DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
14	Sodium	19.5	mg/l	5	---	---		200.7	AEM
15	Hardness	77.4	mg/l	10	---	---		2340B	AEM
16	Conductivity	249	umhos/cm	70	---	700 ¹		2510B	JJB
17	Turbidity	1.74	NTU	0.1	---	---		180.1	MR
18	Color	15.0	color units	15	---	15 ¹	X	2120B	AC
26	Total Dissolved Solids	153	mg/l	100	---	500 ¹		2540C	MR

STATE UNREGULATED									
9	Lead	<0.001	mg/l	0.001	---	---		200.8	JC
23	Copper	<0.01	mg/l	0.02	---	---		200.7	AEM
OTHER									
171	Orthophosphate	0.053	mg/l	0.1	---	---		SM4500-P-E	JS
172	Silica	38.0	mg/l	1	---	---		200.7	AEM
402	Aluminum	<0.02	mg/l	0.05	---	---		200.7	AEM
403	Alkalinity	78.1	mg/l	5	---	---		SM2320B	MR
404	Magnesium	14.1	mg/l	0.1	---	---		200.7	AEM
405	Calcium	7.73	mg/l	0.05	---	---		200.7	AEM
406	Ammonia	<0.050	mg/l	1	---	---		4500 NH3 E	AC
409	pH	7.67	pH Units	---	---	---		SM 4500-H+B	NF

NOTES:

SRL (State Reporting Level): indicates the minimum reporting level required by the Washington Department of Health (DOH).

Trigger Level: DOH Drinking Water Response Level. Systems with compounds detected at concentrations in excess of this level are required to take additional samples. Contact your regional DOH office for further information.

MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.

NA (Not Analyzed): in the results column indicates this compound was not included in the current analysis.

ND (Not Detected): in the results column indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

<(0.00X): indicates the compound was not detected in the sample at or above the concentration indicated.

(lab mdl) lower than the SRL.

¹: Secondary MCL (established for esthetic purposes, not health based).

Comments: _____



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REPORT OF ANALYSIS

Date Collected: (MM/DD/YY) 11/21/23		System Group (Select A,B,Other): A	
Water System ID Number: 63000C		System Name: North Beach Water District	
Lab Sample Number: 01731972		County: Pacific	
Sample Location: STP Raw Treatment		Source Number(s): S16	
Sample Purpose:		Date Received: 11/21/23	
Select One		Date Analyzed: 11/21-12/6/23	
<input checked="" type="checkbox"/>	RC- Routine/Compliance	Date Reported: 12/07/23	
<input type="checkbox"/>	C- Confirmation	Comments: K2313197-002	
<input type="checkbox"/>	Investigative		
<input type="checkbox"/>	Other(specify)		
Sample Composition:		Sample Type: (Select One)	
Select One		<input checked="" type="checkbox"/>	Pre-Treatment/Raw
<input checked="" type="checkbox"/>	S- Single Source	<input type="checkbox"/>	Post-Treatment/Finished
<input type="checkbox"/>	B- Blended	<input type="checkbox"/>	Unknown
<input type="checkbox"/>	C- Composite	Sample Collected by: Dennis Schweizer	
<input type="checkbox"/>	D- Distribution sample	Phone Number: 360-665-4144	
Send Report to: Rick Gray WA DOH		Bill to:	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
EPA REGULATED									
4	Arsenic	0.021	mg/l	0.0014	0.005	0.01	X	200.8	JC
5	Barium	<0.005	mg/l	0.1	2	2		200.7	AEM
6	Cadmium	<0.001	mg/l	0.001	0.005	0.005		200.8	JC
7	Chromium	<0.001	mg/l	0.007	0.1	0.1		200.8	JC
11	Mercury	<0.0002	mg/l	0.0002	0.002	0.002		245.1	SS
12	Selenium	<0.001	mg/l	0.002	0.05	0.05		200.8	JC
110	Beryllium	<0.0003	mg/l	0.0003	0.004	0.004		200.8	JC
111	Nickel	<0.001	mg/l	0.005	---	---		200.8	JC
112	Antimony	<0.001	mg/l	0.003	0.006	0.006		200.8	JC
113	Thallium	<0.001	mg/l	0.001	0.002	0.002		200.8	JC
116	Cyanide	<0.010	mg/l	0.01	0.2	0.2		335.4	MR
19	Fluoride	<0.20	mg/l	0.5	2	4		300.0	NF
114	Nitrite - N	<0.10	mg/l	0.1	0.5	1		300.0	NF
20	Nitrate - N	<0.10	mg/l	0.5	5	10		300.0	NF
161	Total Nitrate/Nitrite	<0.20	mg/l	0.5	5	10		300.0	NF
EPA REGULATED (Secondary)									
8	Iron	1.91	mg/l	0.1	---	0.3 ¹	X	200.7	AEM
10	Manganese	0.194	mg/l	0.01	---	0.05 ¹	X	200.7	AEM
13	Silver	<0.001	mg/l	0.1	---	0.1 ¹		200.8	JC
21	Chloride	17.8	mg/l	20	---	250 ¹		300.0	NF
22	Sulfate	5.05	mg/l	50	---	250 ¹		300.0	NF
24	Zinc	0.01	mg/l	0.2	---	5 ¹		200.7	AEM

**INORGANIC CHEMICALS (IOCs) REPORT
for the State of Washington (cont.)**

Lab Sample Number: 01731972
Date Collected: 11/21/23

STATE REGULATED									
DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
14	Sodium	15.8	mg/l	5	---	---		200.7	AEM
15	Hardness	58.9	mg/l	10	---	---		2340B	AEM
16	Conductivity	208	umhos/cm	70	---	700 ¹		2510B	JJB
17	Turbidity	0.75	NTU	0.1	---	---		180.1	MR
18	Color	35.0	color units	15	---	15 ¹		2120B	AC
26	Total Dissolved Solid	134	mg/l	100	---	500 ¹		2540C	MR

STATE UNREGULATED									
9	Lead	<0.001	mg/l	0.001	---	---		200.8	JC
23	Copper	<0.01	mg/l	0.02	---	---		200.7	AEM
OTHER									
171	Orthophosphate	0.140	mg/l	0.1	---	---		SM4500-P-E	JS
172	Silica	44.1	mg/l	1	---	---		200.7	AEM
402	Aluminum	<0.02	mg/l	0.05	---	---		200.7	AEM
403	Alkalinity	70.9	mg/l	5	---	---		SM2320B	MR
404	Magnesium	10.0	mg/l	0.1	---	---		200.7	AEM
405	Calcium	7.09	mg/l	0.05	---	---		200.7	AEM
406	Ammonia	<0.050	mg/l	1	---	---		4500 NH3 E	AC
409	pH	7.73	pH Units	---	---	---		SM 4500-H+B	NF

NOTES:

SRL (State Reporting Level): indicates the minimum reporting level required by the Washington Department of Health (DOH).

Trigger Level: DOH Drinking Water Response Level. Systems with compounds detected at concentrations in excess of this level are required to take additional samples. Contact your regional DOH office for further information.

MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.

NA (Not Analyzed): in the results column indicates this compound was not included in the current analysis.

ND (Not Detected): in the results column indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

<(0.00X): indicates the compound was not detected in the sample at or above the concentration indicated.

(lab mdl) lower than the SRL.

¹: Secondary MCL (established for esthetic purposes, not health based.

Comments: _____



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REPORT OF ANALYSIS

Date Collected: (MM/DD/YY) 11/21/23		System Group (Select A,B,Other): A	
Water System ID Number: 63000C		System Name: North Beach Water District	
Lab Sample Number: 01731973		County: Pacific	
Sample Location: S-2 Sampler		Source Number(s):	
Sample Purpose:		Date Received: 11/21/23	
Select One		Date Analyzed: 11/21-12/6/23	
<input checked="" type="checkbox"/>	RC- Routine/Compliance	Date Reported: 12/07/23	
<input type="checkbox"/>	C- Confirmation	Comments: K2313197-003	
<input type="checkbox"/>	Investigative		
<input type="checkbox"/>	Other(specify)		
Sample Composition:		Sample Type: (Select One)	
Select One		<input type="checkbox"/>	Pre-Treatment/Raw
<input type="checkbox"/>	S- Single Source	<input checked="" type="checkbox"/>	Post-Treatment/Finished
<input checked="" type="checkbox"/>	B- Blended	<input type="checkbox"/>	Unknown
<input type="checkbox"/>	C- Composite	Sample Collected by: Dennis Schweizer	
<input type="checkbox"/>	D- Distribution sample	Phone Number: 360-665-4144	
Send Report to: Rick Gray WA DOH		Bill to:	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
EPA REGULATED									
4	Arsenic	0.005	mg/l	0.0014	0.005	0.01		200.8	JC
5	Barium	<0.005	mg/l	0.1	2	2		200.7	AEM
6	Cadmium	<0.001	mg/l	0.001	0.005	0.005		200.8	JC
7	Chromium	<0.001	mg/l	0.007	0.1	0.1		200.8	JC
11	Mercury	<0.0002	mg/l	0.0002	0.002	0.002		245.1	SS
12	Selenium	<0.001	mg/l	0.002	0.05	0.05		200.8	JC
110	Beryllium	<0.0003	mg/l	0.0003	0.004	0.004		200.8	JC
111	Nickel	<0.001	mg/l	0.005	---	---		200.8	JC
112	Antimony	<0.001	mg/l	0.003	0.006	0.006		200.8	JC
113	Thallium	<0.001	mg/l	0.001	0.002	0.002		200.8	JC
116	Cyanide	<0.010	mg/l	0.01	0.2	0.2		335.4	MR
19	Fluoride	<0.20	mg/l	0.5	2	4		300.0	NF
114	Nitrite - N	<0.10	mg/l	0.1	0.5	1		300.0	NF
20	Nitrate - N	0.14	mg/l	0.5	5	10		300.0	NF
161	Total Nitrate/Nitrite	<0.20	mg/l	0.5	5	10		300.0	NF
EPA REGULATED (Secondary)									
8	Iron	0.061	mg/l	0.1	---	0.3 ¹		200.7	AEM
10	Manganese	0.030	mg/l	0.01	---	0.05 ¹		200.7	AEM
13	Silver	<0.001	mg/l	0.1	---	0.1 ¹		200.8	JC
21	Chloride	25.4	mg/l	20	---	250 ¹		300.0	NF
22	Sulfate	7.23	mg/l	50	---	250 ¹		300.0	NF
24	Zinc	<0.01	mg/l	0.2	---	5 ¹		200.7	AEM

**INORGANIC CHEMICALS (IOCs) REPORT
for the State of Washington (cont.)**

Lab Sample Number: 01731973

Date Collected: 11/21/23

STATE REGULATED									
DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
14	Sodium	20.3	mg/l	5	---	---		200.7	AEM
15	Hardness	75.1	mg/l	10	---	---		2340B	AEM
16	Conductivity	256	umhos/cm	70	---	700 ¹		2510B	JJB
17	Turbidity	0.34	NTU	0.1	---	---		180.1	MR
18	Color	10.0	color units	15	---	15 ¹		2120B	AC
26	Total Dissolved Solids	156	mg/l	100	---	500 ¹		2540C	MR

STATE UNREGULATED									
9	Lead	<0.001	mg/l	0.001	---	---		200.8	JC
23	Copper	<0.01	mg/l	0.02	---	---		200.7	AEM
OTHER									
171	Orthophosphate	<0.050	mg/l	0.1	---	---		SM4500-P-E	JS
172	Silica	36.3	mg/l	1	---	---		200.7	AEM
402	Aluminum	<0.02	mg/l	0.05	---	---		200.7	AEM
403	Alkalinity	80.3	mg/l	5	---	---		SM2320B	MR
404	Magnesium	13.5	mg/l	0.1	---	---		200.7	AEM
405	Calcium	7.82	mg/l	0.05	---	---		200.7	AEM
406	Ammonia	<0.050	mg/l	1	---	---		4500 NH3 E	AC
409	pH	7.71	pH Units	---	---	---		SM 4500-H+B	NF

NOTES:

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Trigger Level: DOH Drinking Water Response Level. Systems with compounds detected at concentrations in excess of this level are required to take additional samples. Contact your regional DOH office for further information.

MCL (Maximum Contaminant Level): If the contaminant amount exceeds the MCL, immediately contact your regional DOH office.

NA (Not Analyzed): in the results column indicates this compound was not included in the current analysis.

ND (Not Detected): in the results column indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

<(0.00X): indicates the compound was not detected in the sample at or above the concentration indicated.

(lab mdl) lower than the SRL.

¹: Secondary MCL (established for esthetic purposes, not health based.

Comments: _____



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INORGANIC CHEMICALS (IOCs) REPORT
for the State of Washington
REPORT OF ANALYSIS

Date Collected: (MM/DD/YY) 11/21/23		System Group (Select A,B,Other): A	
Water System ID Number: 63000C		System Name: North Beach Water District	
Lab Sample Number: 01731974		County: Pacific	
Sample Location: S-3 Sampler		Source Number(s):	
Sample Purpose:		Date Received: 11/21/23	
Select One		Date Analyzed: 11/21-12/6/23	
<input checked="" type="checkbox"/>	RC- Routine/Compliance	Date Reported: 12/07/23	
<input type="checkbox"/>	C- Confirmation	Comments: K2313197-004	
<input type="checkbox"/>	Investigative		
<input type="checkbox"/>	Other(specify)		
Sample Composition:		Sample Type: (Select One)	
Select One		<input type="checkbox"/>	Pre-Treatment/Raw
<input type="checkbox"/>	S- Single Source	<input checked="" type="checkbox"/>	Post-Treatment/Finished
<input checked="" type="checkbox"/>	B- Blended	<input type="checkbox"/>	Unknown
<input type="checkbox"/>	C- Composite	Sample Collected by: Dennis Schweizer	
<input type="checkbox"/>	D- Distribution sample	Phone Number: 360-665-4144	
Send Report to: Rick Gray WA DOH		Bill to:	

DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
EPA REGULATED									
4	Arsenic	0.005	mg/l	0.0014	0.005	0.01		200.8	JC
5	Barium	<0.005	mg/l	0.1	2	2		200.7	AEM
6	Cadmium	<0.001	mg/l	0.001	0.005	0.005		200.8	JC
7	Chromium	<0.001	mg/l	0.007	0.1	0.1		200.8	JC
11	Mercury	<0.0002	mg/l	0.0002	0.002	0.002		245.1	SS
12	Selenium	<0.001	mg/l	0.002	0.05	0.05		200.8	JC
110	Beryllium	<0.0003	mg/l	0.0003	0.004	0.004		200.8	JC
111	Nickel	<0.001	mg/l	0.005	---	---		200.8	JC
112	Antimony	<0.001	mg/l	0.003	0.006	0.006		200.8	JC
113	Thallium	<0.001	mg/l	0.001	0.002	0.002		200.8	JC
116	Cyanide	<0.010	mg/l	0.01	0.2	0.2		335.4	MR
19	Fluoride	<0.20	mg/l	0.5	2	4		300.0	NF
114	Nitrite - N	<0.10	mg/l	0.1	0.5	1		300.0	NF
20	Nitrate - N	0.14	mg/l	0.5	5	10		300.0	NF
161	Total Nitrate/Nitrite	<0.20	mg/l	0.5	5	10		300.0	NF
EPA REGULATED (Secondary)									
8	Iron	0.049	mg/l	0.1	---	0.3 ¹	X	200.7	AEM
10	Manganese	0.028	mg/l	0.01	---	0.05 ¹		200.7	AEM
13	Silver	<0.001	mg/l	0.1	---	0.1 ¹		200.8	JC
21	Chloride	25.6	mg/l	20	---	250 ¹		300.0	NF
22	Sulfate	7.20	mg/l	50	---	250 ¹		300.0	NF
24	Zinc	<0.01	mg/l	0.2	---	5 ¹		200.7	AEM

**INORGANIC CHEMICALS (IOCs) REPORT
for the State of Washington (cont.)**

Lab Sample Number: 01731974

Date Collected: 11/21/23

STATE REGULATED									
DOH #	ANALYTES	RESULTS	UNITS	SRL	TRIGGER	MCL	MCL Exceeded check if yes	Method	Analyst
14	Sodium	20.3	mg/l	5	---	---		200.7	AEM
15	Hardness	75.3	mg/l	10	---	---		2340B	AEM
16	Conductivity	256	umhos/cm	70	---	700 ¹		2510B	JJB
17	Turbidity	0.48	NTU	0.1	---	---		180.1	MR
18	Color	10.0	color units	15	---	15 ¹		2120B	AC
26	Total Dissolved Solids	154	mg/l	100	---	500 ¹		2540C	MR

STATE UNREGULATED									
9	Lead	<0.001	mg/l	0.001	---	---		200.8	JC
23	Copper	<0.01	mg/l	0.02	---	---		200.7	AEM
OTHER									
171	Orthophosphate	<0.050	mg/l	0.1	---	---		SM4500-P-E	JS
172	Silica	36.4	mg/l	1	---	---		200.7	AEM
402	Aluminum	<0.02	mg/l	0.05	---	---		200.7	AEM
403	Alkalinity	79.7	mg/l	5	---	---		SM2320B	MR
404	Magnesium	13.7	mg/l	0.1	---	---		200.7	AEM
405	Calcium	7.58	mg/l	0.05	---	---		200.7	AEM
406	Ammonia	<0.050	mg/l	1	---	---		4500 NH3 E	AC
409	pH	7.63	pH Units	---	---	---		SM 4500-H+B	NF

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(lab mdl) lower than the SRL.

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Comments: _____
