



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

Portland, OR Microbiology/Chemistry (c)  
9725 SW Commerce Cr Ste A2 - Wilsonville, OR 97070 - 503.682.7802

Corvallis, OR Microbiology/Chemistry (d)  
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: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/7/24 15:30  
System ID Number: 763000  
Lab Number: 046-08114  
Sample Location: well head 0 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.9	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0196	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.21	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.242	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### 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 Patrick Miller, MS, Deputy QA Officer, at the toll-free phone number above.



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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/7/24 15:30  
System ID Number: 763000  
Lab Number: 046-08115  
Sample Location: post filter pmp house 0 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.8	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0194	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.21	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.244	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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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.

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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 12:50  
System ID Number: 763000  
Lab Number: 046-08116  
Sample Location: Well head 6 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	40.1	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0194	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.21	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.244	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### 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.

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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/9/24 13:10  
System ID Number: 763000  
Lab Number: 046-08117  
Sample Location: well head 12 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.8	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0196	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.20	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.244	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 09:00  
System ID Number: 763000  
Lab Number: 046-08118  
Sample Location: post filter pmp house 2 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	38.7	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0052	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	ND	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	ND	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 10:52  
System ID Number: 763000  
Lab Number: 046-08119  
Sample Location: post filter pmp house 4 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	38.8	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0054	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.068	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.0028	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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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.

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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 12:47  
System ID Number: 763000  
Lab Number: 046-08120  
Sample Location: post filter pmp house 6 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.5	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0060	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.18	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.0084	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 13:41  
System ID Number: 763000  
Lab Number: 046-08121  
Sample Location: post filter pmp house 7 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.9	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0065	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.25	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.0117	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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OR NELAP 4072

## INORGANIC COMPOUNDS (IOC) REPORT

Client Name: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 14:32  
System ID Number: 763000  
Lab Number: 046-08122  
Sample Location: post filter pmp house 8 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.5	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0072	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.36	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.0168	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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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 Patrick Miller, MS, Deputy QA Officer, at the toll-free phone number above.



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

Portland, OR Microbiology/Chemistry (c)  
9725 SW Commerce Cr Ste A2 - Wilsonville, OR 97070 - 503.682.7802

Corvallis, OR Microbiology/Chemistry (d)  
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: King Water Company-NW Natural Water Services  
107 S Main St  
Coupeville, WA 98239

Reference Number: 24-03968  
Project: Saratoga Water District

Date Collected: 2/8/24 15:34  
System ID Number: 763000  
Lab Number: 046-08123  
Sample Location: post filter pmp house 9 hours  
Sample Purpose: Investigative or Other  
Sample Composition: Single Source  
Approved by: anp  
Authorized by:

Patrick Miller, MS

Deputy QA Officer

Field ID:  
System Group Type: A  
System Name: SARATOGA WATER DISTRICT  
County: ISLAND  
Source Number: 01  
Multiple Sources:  
Date Received: 2/13/24  
Report Date: 2/26/24  
Sample Type: D - Drinking Water  
Sampled By: Jeremy Lagasse  
Sampler Phone:

Sample Comment:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Lab	Analyzed	COMMENT
4	*SILICA EPA Regulated	39.6	mg/L	0.05			bj	200.7	a	02/21/24	
8	ARSENIC EPA Regulated (Secondary)	0.0076	mg/L	0.001	0.010	0.010	bj	200.8	a	02/22/24	
10	IRON	0.46	mg/L	0.05	0.3	0.3	bj	200.7	a	02/21/24	
	MANGANESE	0.0214	mg/L	0.001	0.050	0.05	bj	200.7	a	02/21/24	

### NOTES:

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