

Appendix H. Department of Health Water Quality Monitoring Schedule for the Year 2017

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Water Quality Monitoring Schedule

System: ISSAQUAH WATER SYSTEM
Contact: BRET HEATH

PWS ID: 36350 5
Group: A - Comm

Region: NORTHWEST
County: KING

NOTE: To receive credit for compliance samples, you must fill out laboratory and sample paperwork completely, send your samples to a laboratory accredited by Washington State to conduct the analyses, AND ensure the results are submitted to DOH Office of Drinking Water. There is often a lag time between when you collect your sample, when we credit your system with meeting the monitoring requirement, and when we generate the new monitoring requirement.

Coliform Monitoring Requirements

	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018
Coliform Monitoring Population	31208	31219	30333	30333	31219	36696	31219	31208	31208	31242	31208	31219
Number of Routine Samples Required	30	30	30	30	30	40	30	30	30	30	30	30

- Collect samples from representative points throughout the distribution system.
- Collect required repeat samples following an unsatisfactory sample. In addition, collect a sample from each operating groundwater source.
- For systems that chlorinate, record chlorine residual (measured when the coliform sample is collected) on the coliform lab slip.

Chemical Monitoring Requirements

Distribution Monitoring

Water Quality Monitoring Schedule

Source Monitoring

- Collect 'source' chemical monitoring samples from a tap after all treatment (if any), but before entering the distribution system.
- Washington State grants monitoring waivers for various test panels /analytes. Please note that we may require some monitoring as a condition of some waivers. We have granted complete waivers for dioxin, endothal, glyphosate, diquat, and insecticides.
- Nitrate, arsenic, iron, and other individual inorganics are included as part of a Complete Inorganic (IOC) analysis when it is collected.

Source S01	WELL # 1	Well	Use - Permanent	Susceptibility - Moderate		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>		<u>Last Sample Date</u>	<u>Next Sample Due</u>
Complete Inorganic (IOC)	1	Jan 2011 - Dec 2019	waiver - 9 year		07/25/2016	
Volatile Organics (VOC)	1	Jan 2014 - Dec 2019	waiver - 6 year		09/16/2015	
Herbicides	1	Jan 2014 - Dec 2022	waiver - 9 year		07/25/2016	
Pesticides	0	Jan 2017 - Dec 2019	waiver - 3 year		08/21/2007	
Soil Fumigants	0	Jan 2017 - Dec 2019	waiver - 3 year			
Gross Alpha	1	Jan 2014 - Dec 2019	standard - 6 year		09/16/2015	
Radium 228	1	Jan 2014 - Dec 2019	standard - 6 year		09/16/2015	

Source S02	WELL # 2	Well	Use - Permanent	Susceptibility - Moderate		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>		<u>Last Sample Date</u>	<u>Next Sample Due</u>
Nitrate	1	Jan 2017 - Dec 2017	standard - 1 year		07/25/2016	Jul 2017
Complete Inorganic (IOC)	1	Jan 2011 - Dec 2019	waiver - 9 year		07/25/2016	
Volatile Organics (VOC)	1	Jan 2014 - Dec 2019	waiver - 6 year		09/16/2015	
Herbicides	1	Jan 2014 - Dec 2022	waiver - 9 year		07/25/2016	
Pesticides	0	Jan 2017 - Dec 2019	waiver - 3 year		08/21/2007	
Soil Fumigants	0	Jan 2017 - Dec 2019	waiver - 3 year			
Gross Alpha	1	Jan 2017 - Dec 2019	standard - 3 year		09/16/2015	Sep 2018
Radium 228	1	Jan 2017 - Dec 2019	standard - 3 year		09/16/2015	Sep 2018

Source S04	WELL #4	Well	Use - Permanent	Susceptibility - Low		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>		<u>Last Sample Date</u>	<u>Next Sample Due</u>
Nitrate	1	Jan 2017 - Dec 2017	standard - 1 year		07/25/2016	Jul 2017

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Source Monitoring

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- Nitrate, arsenic, iron, and other individual inorganics are included as part of a Complete Inorganic (IOC) analysis when it is collected.

Source S04	WELL #4	Well	Use - Permanent	Susceptibility - Low		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>		<u>Last Sample Date</u>	<u>Next Sample Due</u>
Complete Inorganic (IOC)	1	Jan 2011 - Dec 2019	waiver - 9 year		07/25/2016	
Arsenic	1	Jan 2017 - Dec 2019	standard - 3 year		07/25/2016	Sep 2019
Volatile Organics (VOC)	1	Jan 2014 - Dec 2019	waiver - 6 year		05/07/2012	May 2018
Herbicides	1	Jan 2014 - Dec 2022	waiver - 9 year		07/25/2016	
Pesticides	0	Jan 2017 - Dec 2019	waiver - 3 year		08/21/2007	
Soil Fumigants	0	Jan 2017 - Dec 2019	waiver - 3 year			
Gross Alpha	1	Jan 2014 - Dec 2019	standard - 6 year		09/16/2015	
Radium 228	1	Jan 2014 - Dec 2019	standard - 6 year		09/16/2015	

Source S05	WELL #5	Well	Use - Permanent	Susceptibility - Low		
<u>Test Panel/Analyte</u>	<u># Samples Required</u>	<u>Compliance Period</u>	<u>Frequency</u>		<u>Last Sample Date</u>	<u>Next Sample Due</u>
Nitrate	1	Jan 2017 - Dec 2017	standard - 1 year		07/25/2016	Jul 2017
Complete Inorganic (IOC)	1	Jan 2011 - Dec 2019	waiver - 9 year		07/25/2016	
Arsenic	1	Jan 2017 - Dec 2019	standard - 3 year		07/25/2016	Oct 2019
Manganese	1	Jan 2017 - Dec 2019	standard - 3 year		07/25/2016	May 2019
Volatile Organics (VOC)	1	Jan 2014 - Dec 2019	waiver - 6 year		05/07/2012	May 2018
Herbicides	1	Jan 2014 - Dec 2022	waiver - 9 year		07/25/2016	
Pesticides	0	Jan 2017 - Dec 2019	waiver - 3 year		08/21/2007	
Soil Fumigants	0	Jan 2017 - Dec 2019	waiver - 3 year			
Gross Alpha	1	Jan 2014 - Dec 2019	standard - 6 year		09/16/2015	
Radium 228	1	Jan 2014 - Dec 2019	standard - 6 year		09/16/2015	

Water Quality Monitoring Schedule

Other Information

Other Reporting Schedules

	<i>Due Date</i>
Measure chlorine residuals and submit monthly reports if your system uses continuous chlorination:	monthly
Submit Consumer Confidence Report (CCR) to customers and ODW (Community systems only):	07/01/2017
Submit CCR certification form to ODW (Community systems only):	10/01/2017
Submit Water Use Efficiency report online to ODW and to customers (Community and other municipal water systems only):	07/01/2017
Send notices of lead and copper sample results to the customers sampled:	30 days after you receive the laboratory results
Submit Certification of customer notification of lead and copper results to ODW:	90 days after you notify customers

Special Notes

None

Northwest Regional Water Quality Monitoring Contacts

For questions regarding chemical monitoring:	Steve Hulsman: (253) 395-6777 or Steve.Hulsman@doh.wa.gov
For questions regarding DBPs:	Steve Hulsman: (253) 395-6777 or Steve.Hulsman@doh.wa.gov
For questions regarding coliform bacteria and microbial issues:	Carol Stuckey or Ingrid Salmon: (253) 395-6775: or carol.stuckey@doh.wa.gov or ingrid.salmon@doh.wa.gov

Additional Notes

The information on this monitoring schedule is valid as of the date in the upper left corner on the first page. However, the information may change with subsequent updates in our water quality monitoring database as we receive new data or revise monitoring schedules. There is often a lag time between when you collect your sample and when we credit your system with meeting the monitoring requirement.

We have not designed this monitoring schedule to display all compliance requirements. The purpose of this schedule is to assist water systems with planning for most water quality monitoring, and to allow systems to compare their records with DOH ODW records. Please be aware that this monitoring schedule does not include constituents that require a special monitoring frequency, such as monitoring affiliated with treatment.

Any inaccuracies on this schedule will not relieve the water system owner and operator of the requirement to comply with applicable regulations.

If you have any questions about your monitoring requirements, please contact the regional office staff listed above.