

# Chemical Monitoring Intervals for Community & NTNC Groundwater Systems



Oregon Health Authority  
Oregon Public Health  
Drinking Water Services  
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Chemical Sampling Requirements <sup>1</sup>	Initial	Routine	Possible Reduction	Possible Increase Due to Detection <sup>2</sup>
<i>Entry Point Sampling</i>				
<a href="#">Nitrate</a>	Every year		None	Quarterly
<a href="#">Nitrite</a> <sup>3</sup>	Every 3 years		Every 9 years	
<a href="#">Inorganics (Incl. Arsenic)</a>	Every 3 years		Every 9 years <sup>4</sup>	
<a href="#">Volatile Organics</a>	Every year	Every 3 years <sup>5</sup>	Every 6 years <sup>6</sup>	
<a href="#">Synthetic Organics</a> <sup>7</sup>		Every 3 years	Every 6 or 9 years <sup>6</sup>	
<a href="#">Radionuclides (CWS Only)</a> <sup>8</sup>	Quarterly <sup>9</sup>	Every 3 years	Every 6, or 9 years <sup>10</sup>	
<i>Distribution System Sampling</i>				
<a href="#">Disinfection Byproducts</a> <sup>11</sup>	One time/ Quarterly	Varies		Quarterly
<a href="#">Lead and Copper</a> <sup>12</sup>	Every 6 months	Every year	Every 3 years	Every 6 mos
<a href="#">Asbestos</a> <sup>13</sup>	Every 9 years		None	Quarterly

- <sup>1</sup> The Oregon Health Authority may require additional sampling to protect public health (OAR 333-061-0036(1)(g)).
- <sup>2</sup> Refer to the "[Chemical Monitoring Detections](#)" reference sheet for more information.
- <sup>3</sup> Water systems where nitrite was detected at >50% of the MCL must never sample less than annually.
- <sup>4</sup> For Arsenic, three routine results must be < the MCL of 0.01 mg/L before reducing to every nine years.
- <sup>5</sup> Routine VOC sampling may become once every three years after three years of sampling without any detections.
- <sup>6</sup> Sampling may be reduced to once every six years (for VOCs) or once every six or nine years (for SOCs) if the system receives a Use and Susceptibility waiver from the Authority.
- <sup>7</sup> If no detections during initial monitoring, systems may begin three year routine SOC monitoring periods. Water systems serving > 3,300 people must collect two consecutive quarterly samples within those three year periods.
- <sup>8</sup> Radionuclide sampling requirements apply only to community water systems, not to NTNCs.
- <sup>9</sup> Remaining initial samples may be waived after two consecutive quarters without any detection.
- <sup>10</sup> Reduced sampling frequency is based upon either the initial or the most recent sampling results.
- <sup>11</sup> Disinfection Byproduct (DBP) sampling frequency and the number of sampling locations varies according to source water type and the population served. Consult program staff and/or our [Stage 2 webpage](#) for further details.
- <sup>12</sup> Based on the results of initial (two consecutive 6-month) sampling, schedule may be reduced to once every year or once/3 years. Reduced or increased sampling may affect the number of required samples as well as frequency.
- <sup>13</sup> Routine monitoring is one sample every nine years if the system has asbestos-cement (A/C) pipe, or is located in an identified geographic area where asbestos is present. Waivers may eliminate this testing.

For additional information on chemical sampling requirements, please refer to Oregon Administrative Rule 333-061-0036, or contact Drinking Water Services at 971-673-0405. Send all sample results to: Oregon Health Authority, Drinking Water Services, P.O. Box 14350, Portland, OR 97293-0350; by email to: [dwp.dmce@state.or.us](mailto:dwp.dmce@state.or.us); or by facsimile (FAX) to: 971-673-0694.