



Fact Sheet

Long Term 2 Enhanced Surface Water Treatment Rule

Group A Public Water Supplies, chapter 246-290 WAC

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DOH 331-369

(Rev.)

We adopted the federal drinking water rule for Long Term 2 Enhanced Surface Water Treatment Rule (LT2) to improve public health protection. LT2 supplements the existing microbial treatment rule.

What water systems does the rule affect?

LT2 affects public water systems with surface water sources or groundwater sources under the direct influence of surface water. In Washington, it affects a total of 135 water systems.

These water systems have a higher potential risk from *Cryptosporidium*, a disease-causing parasite. The public health objective of this rule is to strengthen protection against *Cryptosporidium*, which is of particular concern because it is resistant to chlorine. Although existing surface water treatment requirements are considered adequate for most water systems, some water systems would need to do additional treatment under this rule.

How does the rule affect them?

Water systems using surface water or groundwater sources under the direct influence of surface water have completed a first round of source monitoring for *Cryptosporidium* and will need to do a second round of testing. To reduce costs of monitoring, small filtered water systems serving fewer than 10,000 people may monitor first for *E. coli*, a bacterium that is less expensive to analyze than *Cryptosporidium*.

The small water systems would then monitor for *Cryptosporidium* only if their *E. coli* results exceed specified concentration levels. Based on the results of *Cryptosporidium* monitoring, we may require a water system to install more treatment. In addition, all water systems with unfiltered surface water sources must install a second disinfectant or provide filtration, and water systems with uncovered finished water reservoirs must treat the water or cover the reservoir(s).

For More Information

If you have technical questions or concerns about this rule, call the Surface Water Program Coordinator at (253) 395-6770 or e-mail ethan.moseng@doh.wa.gov

Contact our nearest regional office:

Northwest Region, Kent	(360) 395-6750
Eastern Region, Spokane Valley	(509) 329-2100
Southwest Region, Tumwater	(360) 236-3030

Visit us online at <http://www.doh.wa.gov/ehp/dw/sw/surface.htm>

Visit EPA online at <http://www.epa.gov/safewater/disinfection/lt2/index.html>



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