

June 9, 2016

TREVOR RIGMAIDENODF  
OPRD CASCARA CAMPGROUND  
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LOWELL, OR 97452

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<http://healthoregon.org/dwp>

**RE: MICROSCOPIC PARTICULATE ANALYSIS SAMPLING REQUIREMENT  
PUBLIC WATER SYSTEM #4194886 OPRD CASCARA CAMPGROUND**

Dear Mr. Rigmaidenodf,

This letter acknowledges that the May 23, 2016 Assessment Monitoring samples collected from your water system in conformance with the Groundwater Rule were confirmed E. coli positive on May 25, 2015. Refer to the recent coliform test results below:

Sample Date	# Samples	Sample Type	Coliform Type	Sample ID	Facility
May 25, 2016	1	CO	Total	1605936002	SRC-AA
		CO	E.coli	1605936002	SRC-AA
May 23, 2016	1	AS	Total		SRC-AA
		AS	E.coli		SRC-AA

Based on the confirmation of E. coli in well (SRC-AA) the source is required to be evaluated for groundwater under the direct influence of surface water (GWUDI). To determine if the source is under the direct influence of surface water, the source must be analyzed through the collection of two microscopic particulate analyses (MPA) samples. The MPAs specifically search for the presence of surface water organisms in the raw water samples (see enclosed Groundwater under the Direct Influence and Microscopic Particulate Analysis Fact Sheet).

**Two MPA samples will need to be collected from the well during the 2016-2017 operating season at least 30 days apart. The Fall Creek Reservoir pool was at an approximate elevation of 825 feet MSL at the time the well was confirmed with E. coli. The first sample should be taken at or near similar pool levels. If the pool level has dropped substantially prior to taking the second set of samples; the sample collection may need to be postponed until the pool level reaches the aforementioned level. This may not occur until spring of 2017.**

To assist you in determining the appropriate time to collect your MPA samples, you can view reservoir data at the following website: <http://www.nwd-wc.usace.army.mil/nwp/teacup/willamette/>  
To access the site specific information, hover over the site location, or select the **Overview** icon to print out more detailed information for the individual project locations.

Samples for the MPA are not collected out of the tap directly into sample bottles. The samples are collected by pumping water from a raw water sample tap through a specialized sampling device and filter (see attached MPA Fact Sheet for an example of the water sampling device). Not all drinking water laboratories offer to perform the MPA. In order to assist you in finding a laboratory, attached is a list of some of the laboratories in the region that perform the MPA and approximate analysis cost and rental fee for the sampling apparatus (see attached list of laboratories).

For additional information on groundwater under the direct influence and the MPA analysis refer to: <http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/SourceWater/Pages/gwudi.aspx>

Please contact me for an electronic copy of this letter for assistance accessing the hyperlinks that have been provided, or if after reading the enclosed information you have questions. I can be reached at 541-726-2587 (32) or by email at [shawn.p.stevenson@state.or.us](mailto:shawn.p.stevenson@state.or.us)

Sincerely,

Shawn Stevenson, R.G.

Enc.

CC:

Sarah Puls Lane County Environmental Health  
Jay McPherson, OHA DWS Springfield  
419-4886 OPRD Cascara Campground master File, OHA DWS Portland