



PUBLIC HEALTH DIVISION
Drinking Water Services

Kate Brown, Governor

Oregon
Health
Authority

444 A Street
Springfield, OR 97477
Ph. 541-726-2587
Fax 541-726-2596
www.healthoregon.org/dws

October 27, 2020

OPRD TUB SPRINGS STATE
WAYSIDE PWS# 4191034
DAVE MAYNARD
3792 N. RIVER RD.
Gold Hill, OR 97525

**RE: MICROSCOPIC PARTICULATE ANALYSIS SAMPLING REQUIREMENT
PUBLIC WATER SYSTEM # 4191034 OPRD TUB SPRINGS STATE WAYSIDE**

Dear Mr. Maynard,

This letter acknowledges that a significant percentage of the monthly Assessment Monitoring samples collected from your water system in conformance with the Groundwater Rule were positive for total coliform; the recent coliform test results below:

Sample Date	# Samples	Sample Type	Coliform Type	Results ID	Sample Site	Facility
Aug 12, 2020	1	AS	Total	POSITIVE--2008053101	SPRING BOX	SRC-AA
Jul 08, 2020	1	AS	Total	POSITIVE--2007034901	SPRING BOX	SRC-AA
May 13, 2020	1	AS	Total	POSITIVE--2005047201	SPRING BOX	SRC-AA
May 13, 2020	1	AS	Total	POSITIVE--2005047201	SPRING BOX	SRC-AA
Apr 08, 2020	1	AS	Total	POSITIVE--2004029201	SPRING BOX	SRC-AA
Feb 07, 2020	1	AS	Total	POSITIVE--20020289	SPRING BOX	SRC-AA
Jan 09, 2020	1	AS	Total	POSITIVE--20010378	SPRING BOX	SRC-AA

Based on the presence of total coliform in (SRC-AA) the Unnamed-Spring 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 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 Unnamed-Spring during the 2020-2021 operating season. The first sample should be collected during a period of high runoff after a period of significant precipitation during the late fall through early spring. The second sample should be collected during an extended dry period typically in late summer. Samples shall be taken a minimum of 30 days apart.

Samples for MPA are not collected out of the tap directly into bottles as other samples, such as coliform and nitrate, typically are. 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).

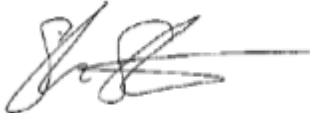
Not all drinking water laboratories offer to perform the MPA. In order to assist you in finding a laboratory, attached is a list of some of the laboratories in the region that perform the MPA and approximate analysis cost and rental fee for the sampling apparatus (see attached list for Laboratories that Provide Microscopic Particulate Analysis).

Please refer to the link for more information on groundwater under the direct influence and the MPA analysis:

<http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/SourceWater/Pages/gwudi.aspx>

If after reading the enclosed information you still have questions or would like this letter in digital format for live hyperlinks, please contact me at 541-726-2587 (32) or by email at shawn.p.stevenson@state.or.us

Sincerely,



Shawn Stevenson, R.G.
Drinking Water Protection Specialist

Enclosures

CC: Susan Baker Jackson County Environmental Health
Zach Cunningham Springfield OHA office
OPRD TUB SPRINGS STATE WAYSIDE PWS #91034 OHA Portland office Master File