

August 8, 2017

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**RE: MICROSCOPIC PARTICULATE ANALYSIS REQUIREMENT PUBLIC WATER
SYSTEM #4194489 WHALESHEAD BEACH RV PARK**

Dear Mr. Lindsay,

This letter acknowledges that the September 3, 2015 and July 19, 2016 Assessment Monitoring samples collected from your water system in conformance with the Groundwater Rule were confirmed E. coli positive on September 8, 2015 and July 25, 2016 respectively. Refer to the coliform test results below:

Sample Date	# Samples	Sample Type	Coliform Type	Results--ID E.coli	Repeat of Sample ID	Facility
Jul 25, 2016	1	CO	Total	POSITIVE--1607A6702A	160785603A	SRC-BA
		CO	E.coli	POSITIVE--1607A6702A	160785603A	SRC-BA
Jul 25, 2016	1	CO	Total	POSITIVE--1607A6701A	160785603A	SRC-BA
		CO	E.coli	POSITIVE--1607A6701A	160785603A	SRC-BA
Jul 19, 2016	1	AS	Total	POSITIVE--160785603A		SRC-BA
		AS	E.coli	POSITIVE--160785603A		SRC-BA
Sep 08, 2015	1	CO	E.coli	POSITIVE--20151558	20151543	SRC-AA
Sep 03, 2015	1	AS	E.coli	POSITIVE--20151543		SRC-AA

Based on the confirmation of E. coli in Well (SRC-AA) and Spring (SRC-BA), and proximity of Whaleshead Creek and nearby ephemeral streams; the well and spring sources are 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, each source must be analyzed through the collection of two microscopic particulate analysis (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 need to be collected from each source; Well (SRC-AA) and the Spring (SRC-BA) sampling shall be completed during the 2017-18 operating season. The first set of samples shall be collected during the dry period which typically occurs July through September 30th. The second set of samples shall be collected during a period of high runoff after a significant precipitation event, during the months of November through the end of May. Rainfall data for the Brookings area can be obtained from the National Weather Service web page at <http://www.wrh.noaa.gov/pqr>.

Community water systems are eligible for state circuit rider assistance for collection of the MPA and analysis of the samples. Refer to the link below for information regarding the state circuit rider program:
<http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Operations/Pages/circuitrider.aspx>

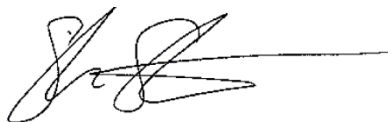
Samples for MPA are not collected out of the tap directly into bottles as other samples, such as coliform and nitrate, typically are. The samples are collected by pumping water from a raw water sample tap through a specialized sampling device and filter (see attached MPA Fact Sheet for an example of 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>

Please contact me via email at Shawn.P.Stevenson@state.or.us if you would like an electronic copy of this letter for the added convenience of live webpage hyperlinks. If you have any additional questions regarding the content of the letter, please contact me at 541-726-2587 ext. 32.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shawn Stevenson', with a long horizontal line extending to the right.

Shawn Stevenson, R.G.
Drinking Water Protection Specialist

It's Enc.

CC: Kent Downs, Curry County Environmental Health
Betsy Parry, OHA DWS Springfield office
Whaleshead Beach RV Park 41944898-File, OHA DWS Portland