



5-8-2023

ERIC SHEARER
32892 NESIKA ROAD
OPHIR, OR 97444

**RE: MICROSCOPIC PARTICULATE ANALYSIS SAMPLING REQUIREMENT
PUBLIC WATER SYSTEM # 4100329 NESIKA BEACH-OPHIR WD**

Dear Mr. Shearer

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	Facility
Mar 20, 2023	1	AS	Total	POSITIVE--20230370	SRC-AB
Feb 20, 2023	1	AS	Total	POSITIVE--20230233	SRC-AB
Jan 23, 2023	1	AS	Total	POSITIVE--20230091	SRC-AB
Oct 27, 2022	1	AS	Total	POSITIVE--20221733	SRC-AB
Sep 19, 2022	1	AS	Total	POSITIVE--20221530	SRC-AB
Aug 17, 2022	1	AS	Total	POSITIVE--20221334	SRC-AB
Jun 29, 2022	1	TG	Total	POSITIVE--20221074	SRC-AB
May 10, 2022	1	AS	Total	POSITIVE--20220796	SRC-AB

Based on the presence of total coliform in the Well 2 (SRC-AB) the Well 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 Well 2 during the 2023-2024 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 when discharge in the Rogue River is at or above 20,000 CFS. The second sample should be collected during an extended dry period typically in late summer when discharge in the Rogue River is at or below 2000 CFS. Samples shall be taken a minimum of 30 days apart. To assist you in determining when to sample the well a hyperlink to the USGS gauging station for the Rogue River near Agnes, OR 14372300 has been included and can be accessed here: <https://waterdata.usgs.gov/monitoring-location/14372300/#parameterCode=00060&period=P7D>

To further assist you with sampling at the proper time based upon flow levels in the river; you may opt to utilize an automated service known as **WaterAlert** from U.S. Geological Survey. The service will send an e-mail or text (SMS) message to the user when they sign up for the service. Parameters such as discharge and gauge height levels of the **for the Rogue River near Agnes** can be accessed and signed up for here: <https://accounts.waterdata.usgs.gov/wateralert/my-alerts/#siteNumber=14372300>.

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).

The water system is 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>

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 541-650-1640 or by email at shawn.p.stevenson@oha.oregon.gov .

Sincerely,



Shawn Stevenson, R.G.
Drinking Water Protection Specialist

Enc. MPA Fact Sheet, OHA-MPA Field Collection Form, and MPA Laboratory List

Email CC: David Ragsdale Acting General Manager Nesika Beach Ophir Water District
Kent Downs OHA-DWS Technical Services Curry County