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CONNIE NEWER
1655 HIGHWAY 101
BROOKINGS, OR 97415

Dear Connie Newer:

RE: MICROSCOPIC PARTICULATE ANALYSIS SAMPLING REQUIREMENT PUBLIC WATER SYSTEM #4191019 OPRD LOEB STATE PARK

This letter acknowledges that the March 8, 2023, assessment monitoring samples collected from your water system in conformance with OAR 333-061-0036(C)(ii)(I) were confirmed E. coli positive on March 13, 2023. Refer to the coliform test results below:

Sample Date	# Samples	Sample Type	Coliform Type	Results ID	Facility
Mar 08, 2023	1	AS	Total	POSITIVE-- 23030444-01	WELLHEAD
		AS	E.coli	POSITIVE-- 23030444-01	WELLHEAD
Mar 13, 2023	1	CO	Total	POSITIVE-- 23030582-05	WELLHEAD
		CO	E.coli	POSITIVE-- 23030582-05	WELLHEAD

The well shall be evaluated for groundwater under the direct influence of surface water (GWUDI). To determine if the source (Well-SRC-AA) 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 the enclosed Groundwater under the Direct Influence and Microscopic Particulate Analysis Fact Sheet).

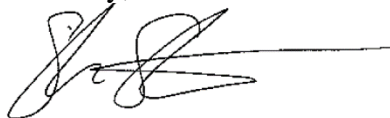
Based on the proximity to surface water (Chetco River <50 feet) for SRC-AA and the confirmed presence of E. coli in the well; two MPAs samples will need to be collected from the well during the 2023-2024 operating season. One sample shall be collected during high runoff after a significant precipitation event at a discharge rate $\geq 2,000$ CFS. The second collected during high runoff after a significant precipitation event at a discharge rate $\geq 10,000$ CFS. Each sample shall be taken a minimum 30 days apart. Either sample may be taken initially based seasonal conditions and the timing of this letter.

To assist you in determining when the MPA samples shall be collected, stream flow data at the nearest upstream USGS Gaging Station located at Chetco River should be utilized. That station data may be accessed here: <https://waterdata.usgs.gov/monitoring-location/14400000/#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 can 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 Chetco River near Brookings Oregon can be selected. The service can be accessed here: <https://accounts.waterdata.usgs.gov/wateralert/my-alerts/#siteNumber=14400000¶meterCode=00060>

If after reading the enclosed information you still have questions or would like this letter in digital format for the purpose of utilizing live hyperlinks, please contact me by email at shawn.p.stevenson@oha.oregon.gov or at 541-650-1640.

Sincerely,

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

Shawn Stevenson, R.G.
Drinking Water Protection Specialist

Enc. Groundwater under the Direct Influence and Microscopic Particulate Analysis
Fact Sheet
MPA Lab list
MPA Field form

Email CC: Kent Downs OHA-DWS/Curry County Environmental Health