



October 28, 2020

GREG MUSTOE
SHOREWOOD ESTATES
1905 WAVERLY DRIVE #26
ALBANY, OR 97321

RE: MICROSCOPIC PARTICULATE ANALYSIS SAMPLING REQUIREMENT PUBLIC WATER SYSTEM # 4100030 SHOREWOOD ESTATES

Dear Mr. Mustoe:

This letter acknowledges that the October 14, 2020 triggered assessment monitoring samples collected from your water system in conformance with OAR 333-061-0032(7)(e) were confirmed E. coli positive on October 15, 2020. Refer to the coliform test results below:

Sample Date	# Samples	Sample Type	Coliform Type	Results ID	Repeat of Sample ID	Sample Site	Facility
Oct 15, 2020	1	CO	Total	POSITIVE-- 2069940	2069317	WELL 1	SRC-AA
		CO	E.coli	POSITIVE-- 2069940	2069317	WELL 1	SRC-AA
Oct 15, 2020	1	CO	Total	POSITIVE-- 2069939	2069317	WELL 1	SRC-AA
		CO	E.coli	POSITIVE-- 2069939	2069317	WELL 1	SRC-AA
Oct 15, 2020	1	CO	Total	POSITIVE-- 2069938	2069317	WELL 1	SRC-AA
		CO	E.coli	POSITIVE-- 2069938	2069317	WELL 1	SRC-AA
Oct 15, 2020	1	CO	Total	POSITIVE-- 2069937	2069317	WELL 1	SRC-AA
Oct 14, 2020	1	TG	Total	POSITIVE-- 2069317	20201012032	WELL 1	SRC-AA
		TG	E.coli	POSITIVE-- 2069317	20201012032	WELL 1	SRC-AA

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 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).

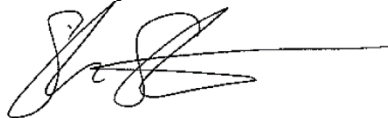
Based on the proximity of surface water (nearby pond) within 100 feet of the well and the alluvial nature of the aquifer (sand and gravel); two MPA samples will need to be collected from the well during the 2020-2021 operating season. One sample should be collected during high runoff after a significant precipitation event. The 2nd sample should be collected after an extended dry period that replicates conditions when the well was confirmed E. coli positive, at the end of summer or early fall. Each sample shall be taken a minimum 30 days apart.

Community water systems and nonprofit transient noncommunity water systems are eligible for OHA state circuit rider assistance in the collection and analysis of the MPA. Information is included here:

<https://www.oregon.gov/oha/PH/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 the benefit of live hyperlink attachments, please contact me at 541-726-2587 (32) or by email at shawn.p.stevenson@state.or.us

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

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

CC: Rebecca Duer Linn County Environmental Health
Shorewood Estates PWS # 00030 File, OHA DWS Portland