

January 12, 2016

Silas Olson
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Springfield, OR 97477
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<http://healthoregon.org/dwp>

**RE: MICROSCOPIC PARTICULATE ANALYSIS ADDITIONAL SAMPLING REQUIREMENT
PUBLIC WATER SYSTEM #4100061 – HILAND WC-RIVERBEND PARK WATER SYSTEM**

Dear Mr. Olson,

Drinking Water Services has received the results from the latest Microscopic Particulate Analyses performed on Infiltration Gallery for Duncan and No-Name Creeks.

The MPAs were collected to determine if the water produced from the infiltration gallery has the potential to contain surface water organisms and be classified as Groundwater Under the Direct Influence of Surface Water (GWUDI). The results from the initial set of MPA samples are summarized in the table below.

Well ID	Sample Date	Risk Score
Infiltration gallery	April 3, 2012	partially frozen/invalid sample
Infiltration gallery	June 19, 2012	0
Infiltration gallery	December 8, 2015	11

The two valid samples were scored according to the State of Oregon Modified Scoring Method (see Oregon Administrative Rule (OAR) 333-061-0032 (8) (p)). The first sample collected on June 19, 2012, scored 0 and the second sample, collected on December 8, 2015, scored 11. According to OAR 333-061-0032 (8) (q)(C), if at least one of the two MPA risk scores is between 10 to 19, there is a moderate risk of surface water influence and two additional MPAs must be conducted under the following conditions and time frame:

The next set of MPA samples will need to be collected during two separate sample events, separated by 30 days. The resample event should occur following a period of heavy rainfall or snowmelt, similar to the December 8, 2015 event, which caused water to breach the creek banks and flow over the infiltration gallery. If the remainder of the year remains dry and the creeks do not flow over the infiltration gallery, the MPA sample event can be extended into 2017.

After the next set of results have been submitted to our office for review, a follow-up letter will be sent summarizing the scores. If no further additional sampling is required, the source will either be classified as groundwater or GWUDI (GU).

Please contact me via email at Shawn.P.Stevenson@state.or.us if you would like an electronic copy of this letter. 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 horizontal line extending to the right from the end of the signature.

Shawn Stevenson R.G.
Drinking Water Protection Specialist

cc: Amy Chapman Lincoln County Environmental Health Services
Joshua Geck Lincoln County Environmental Health Services
Tia Skerbeck, OHA Portland office
Riverbend Park Water System (PWS ID: 4100601 SWAP file, OHA-DWS Springfield
Riverbend Park Water System (PWS ID: 4100601) Master File, DHS-DWP Portland