

October 27, 2016

Joseph Dworkin
Fern Valley Estates Improvement District
2810 Payne Rd
Medford, OR 97504

RE: Microscopic particulate analysis at the Fern Valley Estates Improvement District public water system

Dear Mr. Dworkin,

The Oregon Health Authority, Drinking Water Services (DWS) determined that three of the wells serving your water system must be evaluated for the influence of surface water – well #3, identified by well log# JACK 32046, well #4, identified by well log# JACK 33100 and well #5, identified by well log# JACK 30448. The evaluation is required because of the presence of *E. coli* in the wells and their proximity to Payne Creek and the Talent Irrigation District canal according to OAR 333-061-0032(8) as specified in the enclosed letter.

Microscopic particulate analyses were completed for well #3 but not for wells #4 or #5. Therefore, you must ensure the microscopic particulate analysis (MPA) sampling is completed as soon as possible, depending on weather conditions, for both well #4 and well#5 as follows:

- At well #4, one MPA sample must be collected after a period of heavy rainfall or snowmelt. Please note that one MPA sample was collected from well #4 on October 9, 2012 but the analysis triggered the need for two additional analyses from the well after this sampling requirement is completed.
- At well #5, one MPA sample must be collected after a period of heavy rainfall or snowmelt.

You must complete these requirements before June 30, 2017. If you fail to complete the MPA sampling, you may be required to install surface water treatment at your water system according to OAR 333-061-0032 or referred for further enforcement action which may include the assessment of civil penalties according to OAR 333-061-0090.

Please contact Regional Geologist Shawn Stevenson at 541-726-2587, extension 32 if you have any questions about this letter.

Respectfully,

A handwritten signature in black ink, appearing to read "BK Daniels", is written over a light gray rectangular background.

Brad K Daniels, Compliance Specialist
Oregon Health Authority, Drinking Water Services

cc: Scott Curry, Oregon Health Authority, Medford Office
Gary Hall, Fern Valley Estates Improvement District
Rob Henry, HBH Consulting Engineers
Mike Obreigner Jackson County Environmental Health
Shawn Stevenson, Oregon Health Authority, Springfield Office

Enclosure