



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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February 15, 2017

Mr. Steve Lenz  
8204 288<sup>th</sup> St. NW  
Stanwood, WA 98292

RE: State Waste Discharge Permit No. ST0005174 Groundwater Study

Dear Mr. Lenz:

Ecology has reviewed the Ground Water Quality Evaluation Work Plan submitted February 8, 2017. After discussions with the project lead the proposed Work Plan is acceptable with two minor additions. The study proposes to use regional NRCS soils data for texture determination. Ecology requests that soil samples be collected to a five-foot depth to field verify the two major soils types found at the site. At least one soil sample from each soil type should undergo laboratory analysis for the soil parameters used by the NRCS, to include; USDA texture classification, Unified Soils Classification, grain size (including percent sand, silt, clay), moist and oven dry bulk density, saturated hydraulic conductivity, percent organic matter, and estimates of field capacity and wilting point.

The second addition is to provide an estimate of actual infiltration capacity for the soil types at the facility. This estimate should include an evaluation of infiltration, percolation, and run-off at the actual irrigation rates used.

With inclusion of the above two additions Ecology approves the submitted work plan to move forward with implementation.

If you have any questions, please contact me at (425) 649-7110.

Sincerely,

Christopher J. Martin  
Water Quality Section Hydrogeologist

CJM 002-2017

cc: Biniam Zelelow / IAO File  
Project File

