



Oregon

Kate Brown, Governor

Department of Agriculture

635 Capitol St NE
Salem, OR 97301-2532



April 14, 2016

Josh Snyder
Stahlbush Island Farms
3122 Stahlbush Island Rd
Corvallis, Oregon 97333

Subject: Water Treatment is Required due to High Nitrate Levels

Water samples collected April 5th and April 11th from the **Stahlbush Island Farms Water System, PWS ID #4105819**, have exceeded the Maximum Contaminant Level (MCL) for nitrate as defined in OAR 333-061-0030 (1). Water suppliers are required to take immediate corrective action as detailed in OAR 333-061-0025 when the results of analyses indicate that an MCL has been exceeded.

Options include installing treatment to reduce the nitrate concentration, or obtaining another water source that meets water quality standards. Any treatment plans must go through the Department's plan review process, see enclosure.

For nitrate treatment you can use point of entry treatment (i.e. the building) but not point of use treatment (i.e. only at a single tap). If you can split the flow of water used for manufacture before the building that employees are using for drinking water you don't have to treat the manufacturing water. Reverse osmosis, ion exchange and electrodialysis are considered best available technology for removing nitrate.

Nitrate samples need to be taken quarterly. Your public notice needs to be posted until a treatment system is installed and approved.

Please submit a compliance plan for your system to me within 30 days.

If you have any questions or need this information in an alternate format please call me at 503-508-6028.

Sincerely,

Sarah Schwab
Operations & Automation Specialist

c. Drinking Water Program, Portland
enclosure



Oregon Health Authority, Drinking Water Services Basic Plan Review Requirements

The following *plan review* requirements are basic. Specific projects likely require submission of specific information. Specifics are addressed within information packets available at:

www.healthoregon.org/pwsplanreview.

For assistance, call (971) 673-0405, fax (971) 673-0694, or call

Plan Review Coordinators

Region 1^a: Carrie Gentry (971) 673-0191

Region 2^b: Jay MacPherson (541) 726-2587 x57

Basic information required for all *plan reviews*:

1. Plans must be submitted to, and approved by, the Oregon Health Authority (OHA) Drinking Water Services (DWS) **prior to construction** of major additions or modifications to sources, treatment, disinfection, water storage, pumps, and water mains.
2. Plans prepared by an Oregon Professional Engineer.
3. A Land Use Compatibility Statement (LUCS), or equivalent documentation, approved by the local planning authority. Modifications to existing facilities with a LUCS on file may submit the original LUCS.
4. Owner's name, address, and phone number (email encouraged).
5. Vicinity map.
6. Site plan.
7. Details and specifications.
8. Description of the proposed source of water.
9. Estimates of system demand or population size and type (e.g., residents, workers, visitors)
10. The appropriate plan review fee.

The submittal materials are sent to:

ATTN: PLAN REVIEW
OHA DRINKING WATER SERVICES
800 NE OREGON ST., STE 640
PORTLAND, OR 97232-2162

(Materials may be sent directly to the relevant DWS regional engineer, though the fee payment [payable to "OHA Drinking Water"] should be sent to the address above. Sending the fee to a regional engineer may slow processing time.)

^a Region 1: Baker, Clackamas, Clatsop, Columbia, Crook, Deschutes, Gilliam, Grant, Harney, Jefferson, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, and Yamhill

^b Region 2: Benton, Coos, Curry, Douglas, Jackson, Josephine, Klamath, Lake, Lane, Lincoln, and Linn