

August 8, 2014

Edward Butts, P.E.
4B Engineering and Consulting
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<http://www.healthoregon.org/dwp>

Re: Highway Wells 3A and 3B, Plan Review # 109-2014
Rickreall Community Water Association, PWS # 00704
Conditional Approval

Dear Mr. Butts:

Thank you for your submittal of plan review information for the Highway Wells 3A and 3B for the Rickreall Community Water Association to the Oregon Health Authority's Drinking Water Services (DWS). On July 1, 2014 our office received plans and specifications, water quality test results, a site plan, Oregon Water Resources Department (OWRD) well logs for both wells, and an approved land use compatibility statement. A plan review fee of \$750 was also received.

The project consists of a 68-foot deep well with OWRD well log POLK53509 and a 70-foot deep well with OWRD well log POLK 53210, that will both enter the distribution system through a single new entry point. Both wells draw from a shallow semi-confined sand and gravel aquifer. **The project is approved with the following conditions:**

1. Sample results from well 3B must be provided for inorganic compounds (except for nitrate and arsenic which have already been sampled), volatile organics, synthetic organics, and radionuclides (gross alpha, radium 226/228 and uranium), as required by Oregon Administrative Rule (OAR) 333-061-0050 (2)(a)(J).
2. Pursuant to OAR 333-061-0055, you must apply for a waiver from construction standards for the nearby public roadway, Highway 51, located within 100 feet of both semi-confined wells, OAR 333-061-0050 (2)(a)(D). I have attached a waiver application to this correspondence. Include the reasons for the request, alternative measures of health protection, such as grading so that potential spills on the roadway will not drain toward the wellheads or control from unauthorized access, and sign the bottom of the form.

I do have the following comment regarding the project:

1. Water rights permits from OWRD must be obtained for both wells prior to the wells being used. I have copied the appropriate OWRD watermaster for this area.

Until we receive verification that the project was completed, the two conditions referenced above have been met, and we have granted Final Approval for the project, the wells are not approved for use.

Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans, and that the two conditions stated above have been met. If substantial changes are made, a set of record (as-built) drawings must be submitted. Documentation should reference Plan Review #109-2014 and can be e-mailed to me at james.b.nusrala@state.or.us or mailed to:

Attn: James Nusrala
OHA-Oregon Drinking Water Services
800 NE Oregon Street, Suite 640
Portland, OR 97232-2162

If you have any questions or concerns, or would like this in an alternate format, please contact me at (971) 673-0459, or james.b.nusrala@state.or.us. Your cooperation is appreciated.

Sincerely,



James Nusrala, P.E.

Regional Engineer

Enclosure: Application for Waiver from Construction Standards

cc:

Doris Rocha, Rickreall Community Water Association, P.O. Box 44, Rickreall, OR 97371

Mike McCord, Region Manager, Oregon Water Resources Department, 725 Summer Street NE, Suite A; Salem, OR 97301

Jim Solvedt, REHS, Polk County Community Development

Carrie Gentry, DWS