

January 25, 2011

Dave Frank
Columbia Acres Water Association
32222 Hillcrest Drive
Scappoose, OR 97056

**New well (well #2), Columbia Acres Water Association-PWS ID # 4101148,
Plan Review # 134-2002
Conditional Approval**

Dear Mr. Frank:

Thank you for your submittal to the Drinking Water Program (DWP) of plans for well #2 at Columbia Acres Water Association (Plan Review # 134-2002). The DWP received a site plan, well log, chemical monitoring results from the well, and a review fee. Additionally, Columbia County has conducted a water system survey at the water system, including a field inspection of the well in January 2009. The DWP understands that the well is currently in use at the water system. In the future, you must contact the DWP prior to beginning construction of any modification to your water system, to meet appropriate plan review requirements. The well is approved subject to the following conditions:

1. Drawings or as-built plans of the well, showing above ground piping, well construction details, well house, and related appurtenances, must be submitted to the DWP.
2. There must be a 100 foot radius of control (by ownership or easement) around the new well recorded with Columbia County. Since the water association does not own all the property surrounding the well, they must have an easement with the surrounding landowners that states that no biological or chemical hazards will be stored or used within 100 feet of the well. Public right of way is excluded from this easement requirement. Copies of the easement must be submitted to the DWP prior to final approval.
3. There must be the provision for measuring the water level of the well.
4. A down-turned casing vent at the wellhead must be provided with a screen on the end.

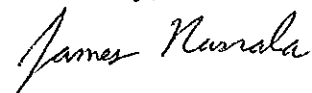
5. A copy of the water right permit must be submitted to the DWP, if it is required for the well.
6. One round of monitoring results for the well (at the raw sample tap) must be provided for Inorganic Compounds (including Nitrite), radionuclides (including gross Alpha, Radium 226/228, and Uranium), and coliform bacteria.

Additionally, the DWP hydrogeologist has reviewed the well log, and determined that well construction meets current Water Resources Department standards. While, the well is not considered to be under the influence of surface water, further review would need to be conducted if *E. Coli* was ever confirmed at the well. The hydrogeologist has also indicated that one round of Synthetic Organic and Volatile Organic Compounds (taken at the well on December 21, 2004) are adequate to satisfy the initial monitoring requirements for these constituents for well #2.

Upon completion of the project, the engineer must verify that all conditions of the approval listed above have been addressed.

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

Sincerely,



James Nusrala, P.E.

Regional Engineer

www.oregon.gov/dhs/ph/dwp

cc:

Matt Hickey, PE; Murray Smith & Associates; 121 SW Salmon St, Suite 900;
Portland, OR 97204-2920

Dave Graham, Crow Water; P.O. Box 665; Scappose, OR 97056

Mark Edington, Columbia County Public Health