



PUBLIC HEALTH DIVISION  
Drinking Water Services

Kate Brown, Governor

Oregon  
**Health**  
Authority

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November 5, 2018

Jim Shaver, P.E., Senior Principal  
Engineer  
PACE Engineering Services Company  
5000 Meadows Road, Suite 345  
Lake Oswego, OR 97035-2232

**Re: Chlorination Change, Plan Review # 143-2018  
Crystal Springs Water District, PWS ID # 41 00386  
Preliminary Approval**

Dear Mr. Shaver:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the chlorination system change at Crystal Springs Water District. On October 23, 2018, DWS received a narrative of the proposed modification, plans and specifications, and the review fee of \$825. The project consists of changing from on-site sodium hypochlorite generation to calcium hypochlorite injection, for the same purpose of maintaining a chlorine residual concentration in the water system. I have reviewed the submittal and determined that all applicable construction standards have been met.

**The plans are approved without conditions and you may proceed with the modification.**

**Until final approval has been issued, the chlorination modification is not approved for use.** Upon completion of the project, the engineer must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-builts must be submitted. Documentation should reference Plan Review # 143-2018 and can be emailed to me at [james.b.nusrala@state.or.us](mailto:james.b.nusrala@state.or.us) or mailed to the address above.

If you have any questions, please feel free to email me at [james.b.nusrala@state.or.us](mailto:james.b.nusrala@state.or.us) or call me at (971) 673-0459. Your cooperation is appreciated.

Sincerely,

  
James Nusrala, PE, Regional Engineer  
Drinking Water Services

cc: Fred Schatz, Superintendent, Crystal Springs Water District, P.O. Box 186, 3006  
Chevron Drive, Odell, OR 97044-0816  
Ian Stromquist, REHS, Hood River County Environmental Health, via email