

July 20, 2012

Ed Hodges, P.E.
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Portland, OR 97223

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**Re: Youngs River Lewis & Clark W.D. (00062) Ph III ASPMO Reservoir Project
Conditional Approval for PR #54-2011 (SRF Loan Application #033004058)**

Dear Mr. Hodges,

On July 10, 2012 our office received plans for the construction of a 1.0 MG reservoir at Lyngstad Heights (Map 8 9 31A, Tax Lot 3100) and roughly 1,800-ft of AWWA C900 PVC 10" waterline along Woodland Rd, district property, and adjacent right of ways for the Youngs River Lewis & Clark Water District (YRLCWD). Phase III is the tank construction phase of a larger project involving two other phases consisting of the installation of roughly 11,500-ft of 12" HDPE distribution main (already constructed) funded under SRF Loan Application #033004058.

Plans show the reservoir is to be a 90-ft diameter, 20-ft liquid level, glass coated bolted steel reservoir constructed according to AWWA D103 (Aquastore or Permastore) or an AWWA D110 Type III prestressed concrete reservoir of the same dimensions with a base elevation of 250-ft and overflow elevation of 270-ft. The tank foundation site preparation and construction is to be in accordance with the recommendations in the "Lyngstad Heights Water Tank Site Geologic Hazard and Geotechnical" reports prepared by Horning Geosciences dated 03/02/12 and 06/12/12 (ASCE 7 Site Class C).

The project is approved for construction provided the following conditions are met:

1. If present, sewer crossings must conform to the separations defined in OAR 333-061-0050(9).
2. All non-conductive piping must be installed with a No. 18 AWG (minimum) solid copper tracer wire with blue colored insulation according to OAR 333-061-0050(8)(k). The ends of the wire shall be accessible in water meter boxes, valve boxes or casings. The distance between tracer lead access locations shall not be more than 1,000 feet and all joints or splices in the wire shall be made waterproof.
3. New facilities must be disinfected and tested according to AWWA C651-C654 prior to being put into service.

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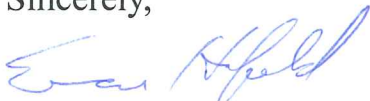
A \$600 plan review fee is being requested at this time for review of the tank facility only, since the YRLCWD has a current plan review exemption for waterlines. Please make the check payable to "OHA Drinking Water", reference plan review #54-2011 and PWS ID# 00062, and mail to the address below:

Attention: Marsha Fox
OHA Drinking Water Program
800 NE Oregon St, Ste 640
Portland, OR 97232-2162

Final Approval for the project will be granted upon confirmation that the project was constructed as proposed and in conformance with the conditions listed above and upon receipt of the \$600 plan review fee.

Thank you for submitting this information in advance of construction and if you have any questions or would like this information in an alternate format, feel free to contact me at (971) 673-0419 or via e-mail at evan.e.hofeld@state.or.us.

Sincerely,



Evan Hofeld, Regional Engineer
OHA - Drinking Water Program

Cc: Bill Mitchell, Youngs River Lewis & Clark Water District