

March 19, 2015

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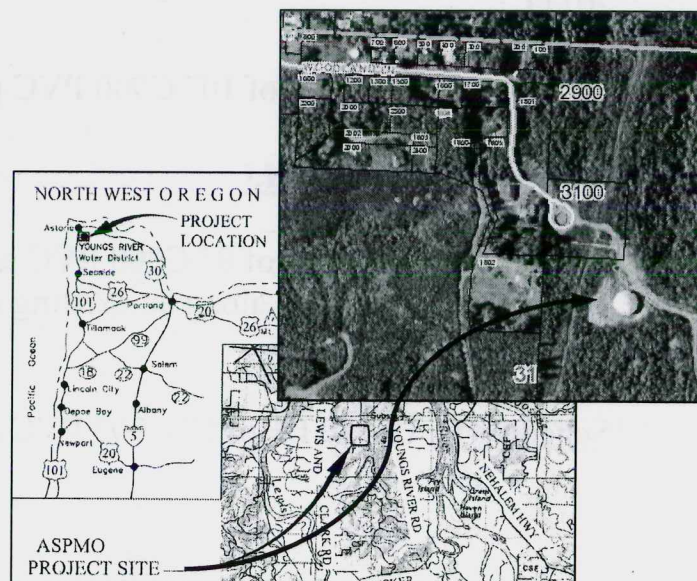
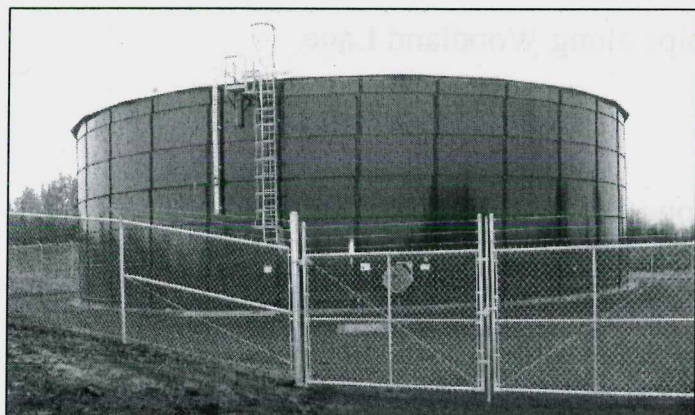
**Re: Youngs River Lewis & Clark W.D. (00062) Ph III ASPMO Reservoir Project
Final Approval for PR #54-2011 (SRF Loan Application #033004058)**

Dear Mr. Hodges,

Thank you for submitting the record drawings for the Phase III ASPMO Water Reservoir Project on behalf of the Youngs River Lewis & Clark Water District (YRLC), received by the Oregon Health Authority – Drinking Water Services (DWS) on March 6, 2015.

The project under Plan Review #54-2011 and funded under SRF Loan Application #033004058 is granted Final Approval.

Record drawings show that the reservoir is a CST Industries, Inc. Aquastore model 9026 WT (S/N 8122890), glass-fused-to-steel bolted tank constructed according to AWWA D103 on Tax Lot 2900 of Section 31, T8N, R9W, referred to as the “ASPMO” property. The tank has a base elevation of 250-ft and overflow elevation of 270-ft with a nominal diameter of 89.52-ft, nominal height of 25.78-ft, design liquid level of 21.70-ft and capacity of 1,021,612 gallons. The tank is not used for disinfection contact time, but rather provides additional storage in the distribution system. Horning geosciences provided the “Lyngstad Heights Water Tank Site Geologic Hazard and Geotechnical” reports dated 03/02/12 and 06/12/12, which specified foundation design to ASCE 7 Site Class C.



The construction of the tank was part of a larger project involving waterline replacements completed in four phases. This project is described as follows:

On July 10, 2012 our office received plans for the construction of a 1.0 MG reservoir at Lyngstad Heights and roughly 1,800-ft of AWWA C900 PVC 10" waterline along Woodland Rd, district property, and adjacent right of ways for YRLC. A Conditional Approval Letter was issued on July 20, 2012, which listed conditions that needed to be met in order to receive Final Approval. On March 24, 2014 we received a response from you to our *Request for Project Update*, which indicated that the project was completed in conformance with all conditions listed in the Conditional Approval letter and DWS construction standards (record drawings of waterlines only were received with this response). On March 6, 2015 we received the record drawings for the *Phase III ASPMO Water Reservoir, constructed on an easement obtained for Tax Lot 2900*. Phase III is the reservoir construction phase of a larger project involving three other phases of waterline construction, all funded along with the reservoir under SRF Loan Application #033004058. The four phases are described as follows:

Phase I – Completed in 2011

4,720 LF of 12" DIP along Youngs River Rd.

Phase II – Completed in 2012

8,650 LF of 12" HDPE along Youngs River Rd.

Phase III – Completed in 2013

Schedule A: ASPMO property 1 MG glass-fused-to-steel bolted tank (PR#54-2011).

Schedule B: 1,800 LF of 10" C900 PVC pipe along Woodland Lane.

Phase IV – Completed in 2013

Schedule A: 3,600 LF of 8" C900 PVC along Lewis & Clark Rd and 1,500 LF of 10" and 12" water line along an existing easement into the Lyngstad Heights area (5,100 LF total).

Schedule B: 10,050 LF of 8" C900 PVC along Tucker Cr. and Logan Roads.

Major milestones for this project are as follows:

06/14/11 – DWS completed a Capacity Assessment for SRF Loan Application #033004058.

06/20/11 – SRF Funding Awarded by IFA.

02/9/12 – DWS received letter dated 2/7/12 from Curran-McLeod, Inc. listing waterline projects completed in 2011 for waterline exemption. Letter indicated **Phase I waterlines were completed in 2011**. Waterline exemption status was renewed for 2012 in letter dated 2/28/12 from DWS.

05/24/12 – DWS issued a Finding of No Significant Impact (FNSI), finalized 6/29/12.

07/10/12 – **DWS received construction plans for 1.0 MG reservoir. Waterlines were not to be reviewed due to the District's waterline exemption status.**

05/25/13 – DWS received letter dated 3/22/13 from Curran-McLeod, Inc. listing waterline projects completed in 2012 for waterline exemption. Letter indicated **Phase II waterlines were completed in 2012**. Waterline exemption status was renewed for 2013 in letter dated 4/3/13 from DWS.

07/24/11 – DWS received \$600 plan review fee for ASPMO reservoir.

08/31/11 – DWS issued a final FNSI for Phase I and II waterlines.

06/29/12 – DWS issued a final FNSI for Phase III for the ASPMO Property 1 MG tank and 1,800 LF of 10" diameter waterline.

07/20/12 – DWS issued a Conditional Approval for construction plan review #54-2011.

07/31/12 – Easement for ASPMO site (TL2900 of Sec.31, T8N, R9W) is recorded with Clatsop County.

12/07/12 – All loan conditions identified in 6/14/11 Capacity Assessment were met.

12/11/12 – DWS granted Categorical Exclusion from further environmental review issued for Phase IV waterlines.

03/06/13 – DWS completed plan review inspection of new tank, which was tested and found absent of coliform bacteria.

03/06/13 – **DWS granted approval to YRLC to place new reservoir into service. YRLC placed new reservoir into service.** The old open reservoir was initially taken off-line, however, pressure problems resulting in broken mains forced District to put open reservoir back into service.

06/10/13 – **DWS issued a Bilateral Compliance Agreement** giving the District until 1/31/13 to take the old open reservoir out of service.

06/28/13 – YRLC drained and permanently disconnected the old open reservoir. **Bilateral Compliance Agreement is considered resolved according to DWS.**

02/19/14 – DWS received letter dated 4/19/14 from Curran-McLeod, Inc. listing waterline projects completed in 2013 for waterline exemption. Letter indicated **Phase III & IV waterlines and 1 MG tank were completed in 2013**. Waterline exemption status was renewed for 2014 in letter dated 3/5/14 from DWS.

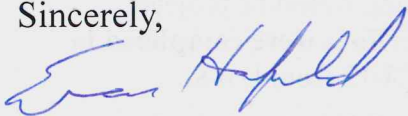
03/24/14 – Curran-McLeod, Inc. responded to DWS that the project (including waterlines) met all conditions and construction standards under OAR 333-061-0050. Record drawings submitted included waterline drawings only.

03/06/15 – Curran-McLeod, Inc. provided DWS with record drawings of the new reservoir.

03/19/15 – DWS granted Final Plan Approval for the new reservoir under PR#54-2011.

Thank you for your cooperation during this plan review process. 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 Services

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