

February 18, 2025

Curt McLeod (cjm@curran-mcleod.com)

Curran-McLeod, Inc.

6655 SW Hampton Street, Suite 210

Portland, OR 97223

Re: 0.5 MG Reservoir & Lucky Lane 14" Waterline (PR#24-2025)
City of Estacada (PWS ID#00279)
Conditional Approval

Dear Curt:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the 0.5 MG Reservoir & Lucky Lane 14" Waterline for the City of Estacada. On February 12, 2025, our office received a land use and compatibility statement, a set of plans, an approved conditional use approval application and a plan review fee of \$4,125.

The project includes the installation of a 500,000 gallon glass coated bolted steel tank and a 14" HDPE SDR 11 waterline along SE Lucky Lane connecting to the existing distribution system on SE Lawrence Road in unincorporated Clackamas County. The construction will also include the onsite piping and valves to connect the reservoir to the 14" waterline and an 8" HDPE SDR 17 drain line from the manhole with the overflow flap valve to the drainage ditch along SE Lawrence Road.

The plans are approved subject to the following conditions:

Waterlines:

- The HDPE distribution piping must be NSF (or equivalent) certified.
- Water pressure in the distribution system must not be below 20 psi.
- Non-conductive water lines must be provided with a tracer wire. The distance between tracer wire lead access locations must not be more than 1,000 feet.
- Disinfection of the waterline must be completed according to AWWA C651, including two samples collected at least 16 hours apart or as noted in the method.

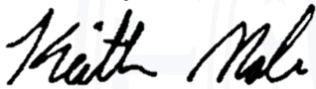
Reservoir:

- Steel reservoirs must be constructed in conformance with the AWWA Standards D100 and D103.
- Disinfection of the reservoir prior to use must be accomplished according to AWWA Standard C652.

Until we receive verification that the conditions have been met and final approval has been issued, the reservoir and waterline 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. If substantial changes are made, a set of as-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #24-2025 and can be emailed to me at keith.male@oha.oregon.gov.

If you have any questions, please feel free to call me at 503-939-1322 or email me at keith.male@oha.oregon.gov.

Sincerely,



Keith Male, PE
Regional Engineer
Drinking Water Services

cc: Julie Wray, DWS
Don DeRosia, City of Estacada
Chris Lewis, City of Estacada