



April 9, 2024

Steve Bacon  
Project Manager  
MacKay Sposito  
Via email: [sbacon@mackaysposito.com](mailto:sbacon@mackaysposito.com)

**Re: Temporary Reservoir and Pump Station (PR#44-2024)  
Mt Angel Abbey (PWS ID#90170)  
Conditional Approval**

Dear Steve:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the temporary reservoir and pump station for Mt Angel Abbey. On March 27, 2024, our office received plans and specifications. A plan review fee of \$825 was received on April 1, 2024.

The project includes installation of a temporary reservoir and pump station to replace existing infrastructure. The reservoir will be a 24' diameter PVC-lined corrugated steel tank and have a useable capacity of 32,600 gallons. Note that since the piping for the infrastructure is all on the water system's property, plumbing code applies.

**The plans are approved with the following conditions:**

Tank

- The steel reservoir must be constructed in conformance with AWWA Standards D100 and D103.
- All items in contact with potable water must meet NSF Standard 61 or equivalent, including any interior coating.
- Information must be submitted that demonstrates that the tank will be "...constructed on undisturbed soil, bedrock or other stable foundation material capable of supporting the structure when full." Generally, a geotechnical report is submitted to show how this standard is met, however, on a smaller tank such as this one, a statement from the

engineer will be sufficient.

- The roof access hatch must have curbing around the opening and a lockable watertight cover that overlaps the curbing.
- A fence or other vandal deterrence must be provided for the reservoir.
- Disinfection of the reservoir prior to use must be accomplished according to AWWA Standard C652. Coliform bacteria sample result(s) must be submitted after disinfection is complete.

#### Pump Station

- All items in contact with potable water must meet NSF Standard 61 or equivalent.
- The floor of the pump station must be sloped to provide adequate drainage.
- The door to the pump station must be lockable. and facilities for heating and lighting must be provided.

**Until we receive verification that the conditions have been met and final approval has been issued, the facility 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-built drawings must be submitted. Documentation demonstrating how the above conditions were met should reference Plan Review #44-2024 and can be emailed to me at [Carrie.L.Gentry@oha.oregon.gov](mailto:Carrie.L.Gentry@oha.oregon.gov).

If you have any questions, please feel free to call me at (971) 201-9794.

Sincerely,



Carrie Gentry, PE  
Regional Engineer  
Drinking Water Services

cc: Chantal Wikstrom, REHS, OHA/DWS  
Greg DeBlase, REHS, OHA/DWS  
Ted Glodt, Mt Angel Abbey, [ted.glodt@mtangel.edu](mailto:ted.glodt@mtangel.edu)