

Tina Kotek, Governor

January 14, 2025

Steve Stewart
City of Newport
169 SW Coast Hwy
Newport, OR 97365

**Re: Samaritan Reservoir and Pump Station (PR#158-2025)
City of Newport (PWS ID#00566)
Conditional Approval**

Dear Steve Steward:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Samaritan Reservoir and Pump Station for the City of Newport. On December 22, 2025, our office received plans and specifications and a plan review fee of \$4,125.

The project includes construction of a seismic resilient 390,000-gallon glass-lined bolted steel tank at the Samaritan Pacific Communities Hospital (SPCH) in Newport. A pre-fabricated booster pump station including a 53-gallon pressure tank and two vertical multi-stage pumps capable of supplying 176 gpm each will be installed to supply the Bayfront Pressure Zone of the City of Newport under normal conditions, and to supply the SPCH under emergency conditions. The reservoir and pump station will be connected to existing water mains with the installation of approximately 80 linear feet of ductile iron and approximately 2,250 linear feet of 6-inch and 8-inch HDPE DR11 IPS pipe.

The plans are approved subject to the following conditions:

General

- A Land Use Compatibility Statement signed by Lincoln County must be submitted prior to the project receiving final approval.

Finished Water Storage

- A fence or other method of vandal deterrence shall be provided around distribution reservoirs.

- All pressure tanks shall be provided with a drain, a pressure gauge, an air blow-off valve, and means for adding air.
- Pressure tanks shall be constructed of steel or an alternative material provided the tank is NSF 61 certified and shall be designed for pressure at least 50 percent greater than the maximum system pressure anticipated. No product specifications were submitted for the pressure tank in the pre-fabricated booster pump station. Provide additional information demonstrating how these requirements are met.
- Following installation, all reservoirs and tanks (including the pressure tank) shall be disinfected according to AWWA Standard C652.

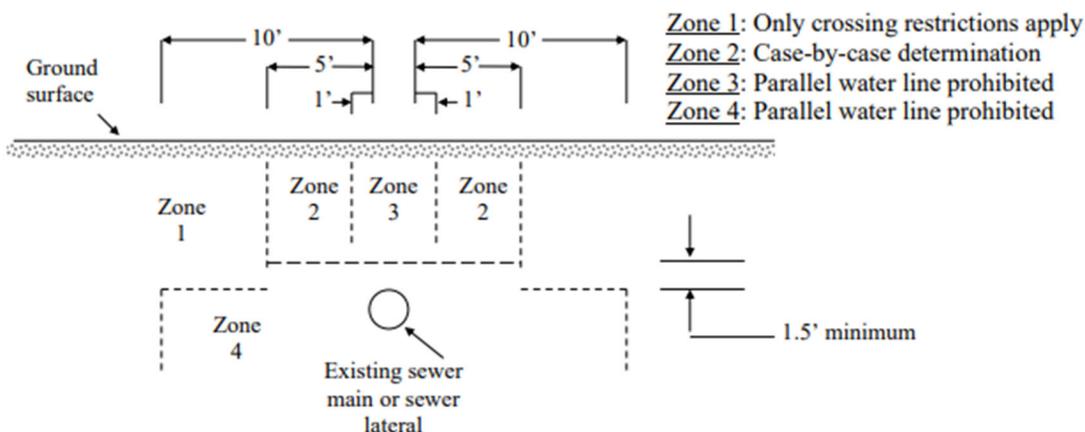
Pump Station

- The floor of the pumping station shall be sloped to provide adequate drainage.

Distribution

- Provisions shall be made at all bends, tees, plugs, and hydrants to prevent movement of the pipe or fitting. Provide additional information demonstrating how this requirement is met at STA 9+95 at the new tee for the SW 9th St SPCH tie-in.
- Air-relief valves shall be installed at high points where air can accumulate. The breather tube on air-relief valves shall be extended above ground surface and provided with a screened, downward facing elbow. Additional air relief valves are needed at high points at approximately STA 11+29 and 20+20.
- In situations involving a water line parallel to a sewer main or sewer lateral, the separation between the two shall be as indicated in Figure 1. The proposed waterline and existing sewer main at approximately STA 17+73 appear to be in Zone 4 as drawn. A 10-foot separation must be maintained during construction in this section of parallel lines due to their relative elevations.

Figure 1: Water Line-Sewer Line Separation



- In situations where a water line and a sewer main or sewer lateral cross, the separation between the two shall meet the requirements of OAR 333-061-0050(9)(c). There are many instances of sewer main and sewer lateral crossings in the submitted drawings. Submit detailed documentation of the field exploration and replacement/encasement of sewer lines during the course of construction for review and approval.

In addition to the above conditions, I have the following recommendation:

- Screens are specified on the reservoir roof vent and overflow outlet. It is recommended that a #24-mesh non-corrodible (preferably stainless steel) screen is used to provide adequate protection.

Until we receive verification that the conditions have been met and final approval has been issued, the reservoir and pump station are not approved for use. For waterline projects, engineers must inspect/be prepared to sign off before burying lines. 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 #158-2025 and can be emailed to me at baxter.call@oha.oregon.gov.

If you have any questions, please feel free to email me or call me at 541-393-4374.

Sincerely,



Baxter Call, PE
Regional Engineer
Drinking Water Services

CC: File, DWS Portland
Scott Duren, PE, WSC Inc.