



March 8, 2022

Paul Stull, PE  
AKS Engineering & Forestry  
3700 River Rd N, Suite 10  
Keizer, OR 97303

**Re: Lower Booster Pump Station Site (PR#27-2022)  
City of Turner (PWS ID#00907)  
Conditional Approval**

Dear Paul:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Lower Booster Pump Station Site for the City of Turner. On February 25, 2022, our office received a full set of construction drawings. On February 28, 2022, our office received a plan review fee of \$3,300.

The project includes upgrading an existing booster pump station with a new building, vault, and generator. The pumps will be replaced with Goulds Bronze Fitted Close Coupled Centrifugal Pumps operating at 3500 rpm to produce 73 ft of head at 1420 gpm. The pumps will tap into the existing 69" water main by means of 10" and 12" class 52 ductile iron piping.

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

- The pumps must be provided with a low pressure cut-off switch on the suction side set at no less than 20 psi.
- Pumps must be installed so that the suction line is under positive head to avoid suction lift. If suction lift cannot be avoided, water used for priming must meet maximum contaminant levels (MCLs).

**Until we receive verification that the conditions have been met and final approval has been issued, the Lower Booster Pump Station Site 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 #27-2022 and can be emailed to me at [keith.male@dhsoha.state.or.us](mailto:keith.male@dhsoha.state.or.us).

If you have any questions, please feel free to call me at (503) 939-1322.

Sincerely,

A handwritten signature in black ink that reads "Keith Male". The signature is written in a cursive, flowing style.

Keith Male, EIT  
Regional Engineer  
Drinking Water Services

ec: Julie Wray, DWS  
Carrie Gentry, PE, OHA/DWS  
Chantal Wikstrom, REHS, OHA/DWS  
Rhonda Mackey, AKS Engineering & Forestry  
Greg DeBlase, REHS, Marion County Health Department