

February 25, 2025

Jim Pex, PE
Keller Associates
245 Commercial Street SE, Suite #210
Salem, Oregon 97301

**Re: Distribution System Improvements, Plan Review #159-2024, City of Burns,
PWS ID# 4100153
Conditional Approval**

Dear Jim:

Thank you for your submittal of plan review information for the proposed distribution system improvements at City of Burns to the Oregon Health Authority's Drinking Water Services (DWS). On January 7, 2025 a Land Use Compatibility Statement was received. On January 8, 2025, our office received the plan drawings. On February 19, 2025 the review fee of \$3300 was received. The project consists of replacing a significant portion of the city's distribution piping, new hydrants, reconstructing the Well #1 building and replacing its electrical controls. **The plans are approved with the following conditions:**

1. The pipe, pipe fittings, valves and other appurtenances utilized shall be manufactured, installed and tested in conformance with the latest standards of the American Water Works Association (AWWA), NSF International or other equivalent standards acceptable to the Authority.
2. The locating wire shall be No. 18 AWG (minimum) solid copper with blue colored insulation. Ends of wire shall be accessible in water meter boxes, valve boxes or casings, or outside the foundation of buildings where the pipeline enters the building. The distance between the tracer wire lead access locations must not be more than 1000 feet per [OAR 333-061-0050\(8\)\(k\)](#). Joints or splices in the wire must be waterproof.
3. 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.

4. Where dead ends are installed or low points exist, blow-offs of adequate size shall be provided for flushing.
5. Where a water line runs parallel to a sewer main or sewer lateral, the separation between the two shall be as shown in Figure 1 in [OAR 333-061-0050\(9\)](#).
6. The new pipe must be disinfected, flushed, and coliform samples collected before being placed into service according to AWWA Standard C651.

Until verification is received that the project was completed according to the plans and Final Approval is granted for the project, the new facilities are not approved for use. If you have any questions or would like this in an alternate format, please feel free to call me at (541) 966-0900 or email at william.h.goss@oha.oregon.gov .

Sincerely,



William Goss, PE
Regional Engineer

c: Julie Wray, OHA – Drinking Water Services
Ty Richardson, City of Burns
Judy Erwin, City of Burns