

February 8, 2012

Collin Stelzig, P.E.
HLB Otak
4253-A HWY 101 North
Seaside, OR 97138

**Re: City of Cannon Beach (PWS ID #00164) Sroufe 12- Lot Subdivision
Conditional Approval - PR #20-2012**

Dear Mr. Stelzig,

Thank you for submitting plans for the *Sroufe Subdivision* dated December 13, 2011, on behalf of the developer and the City of Cannon Beach. The plans, Land Use Compatibility Statement and \$600 review fee, received on February 8, 2012, call for the installation of roughly 1,140 feet of 8" PVC waterline under Elk Run Avenue (a.k.a. Harley Ave) and Austin Lane in Cannon Beach within the Sroufe subdivision located on East Surfcrest Ave, east of HWY 101 (Map 51032CF, Tax Lot 300 and 306). **The project is approved for construction provided the following conditions are met:**

1. The design must allow for 20 psi to be maintained at all service meters.
2. The maximum velocity in the main should be less than 5 fps.
3. Disinfection of the waterline should be completed according AWWA C651.
4. Waterlines crossing over sewer lines are constructed in accordance with OAR 333-061-0050(9) (see page 23 of the enclosed OAR)
5. Tracer wire is installed according to OAR 333-061-0050(8)(k) (see page 23 of the enclosed OAR)
6. All material intended to be in contact with potable water meet NSF Standard 61, AWWA C-900, or equivalent standard.
7. The tentative plat approval (Findings of Fact, Conclusions, and Order No. SUB 11-02, dated May 27, 2011) requires all dwellings constructed in the Sroufe subdivision to install automatic residential fire sprinkler systems. According to OAR 333-061-0071(4), all Oregon Plumbing Specialty Code approved residential multi-purpose fire suppression systems constructed of potable water piping and materials do not require backflow prevention assemblies, however, backflow prevention must also comply with the requirements of the Public Works Department for the City of Cannon Beach (no backflow prevention devices were shown on the proposed plans).

Construction, disinfection and testing, and tie-in to the existing water system should be coordinated with the City of Cannon Beach Public Works Department. When the project is complete, please respond if the project was completed as planned and according to the conditions listed above. Correspondence may be in a letter, via e-mail, or using our check list we will mail to you in about 6 months. Written correspondence should reference plan review #20-2012 and water system ID # 00164 for the City of Cannon Beach and can be either e-mailed to me at evan.e.hofeld@state.or.us or mailed to:

Attn: Marsha Fox
OHA-Drinking Water Program
800 NE Oregon Street, Suite 640
Portland, OR 97232-2162

Thank you again for your cooperation in this process and if you have any questions, or would like this in an alternate format, please feel free to contact me at (971) 673-0419 or via e-mail at evan.e.hofeld@state.or.us.

Sincerely,

Evan Hofeld, Regional Engineer
OHA - Drinking Water Program
cc: Daniel Willyard, City of Cannon Beach