Public Health Division – Drinking Water Program
John A. Kitzhaber, MD, Governor

Oregon Health Authority

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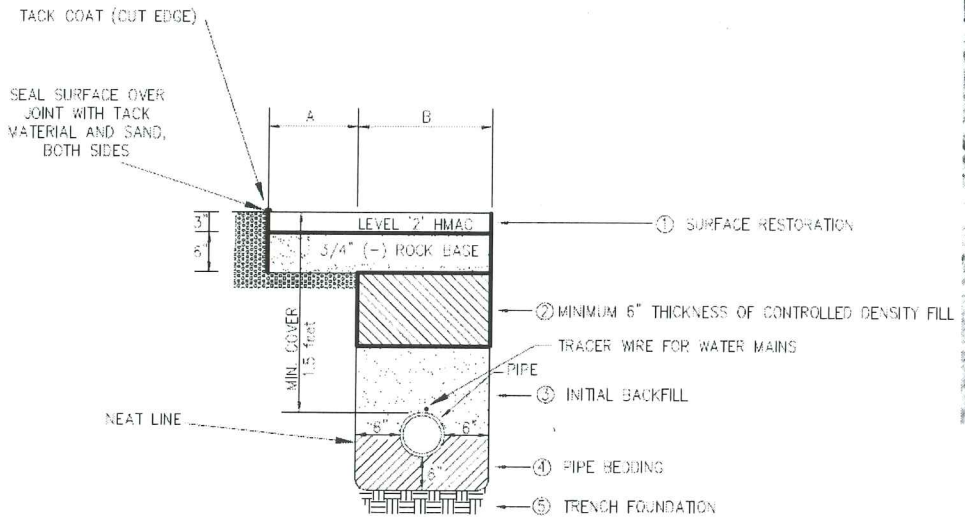
June 8, 2012

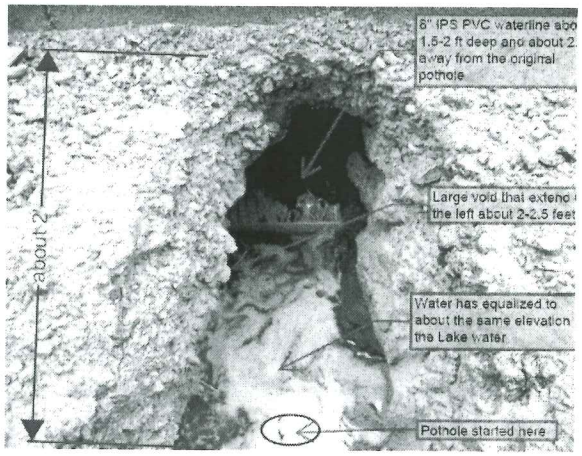
Collin Stelzig, P.E.
HLB Otak
4253-A HWY 101 North
Seaside, OR 97138

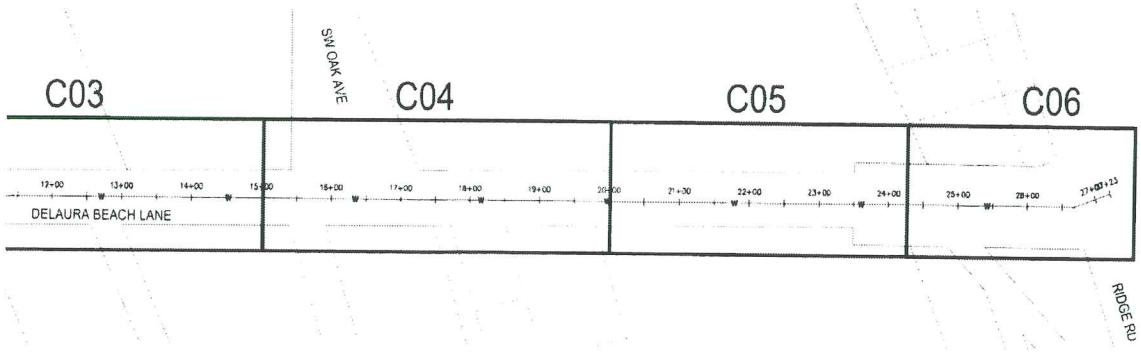
Re: City of Warrenton (00932) DeLaura Beach Waterline Project
Conditional Approval for PR #90-2012

Dear Mr. Stelzig,

On June 4, 2012 our office received a request to waive the 30" minimum waterline cover required under OAR 333-061-0050(8)(f) for some sections (~ Sta. 12+50 and 19+66) of new 12" dia. C900 waterline to be installed under DeLaura Beach Lane in Warrenton Oregon as shown below:







The construction waiver is granted based on the photographic evidence and log borings showing pervious sand and very high groundwater in the area and the modified trench detail show above **provided blue underground warning tape (either detectable or non-detectable) indicating "Buried Waterline Below" is placed in the trench on top of the pipe wherever the pipe cover is less than 30 inches. The placement of the warning tape is required in addition to the copper tracer wire. Should coliform bacteria or unusual water loss be detected in this part of the distribution system, the City should investigate this section of pipe as a possible source of contamination or leaks. Enclosed is a copy of the approved waiver request form.**

Since this waiver request was part of a larger project to install roughly 2,723 feet of new 12" dia. C900 waterline under DeLaura Beach Lane, I requested the full set of plans, which were received and reviewed by me on June 7th 2012 and **assigned plan review #90-2012.** The project is approved for construction provided the following conditions are met:

1. If present, sewer crossings must conform to the separations defined in OAR 333-061-0050(9). No sewer lines where shown on the submitted plans.
2. New facilities must be disinfected and tested according to AWWA C651 prior to being put into service.
3. All non-conductive piping must be installed with a No. 18 AWG (minimum) solid copper tracer wire with blue colored insulation according to OAR 333-061-0050(8)(k). The ends of the wire shall be accessible in water meter boxes, valve boxes or casings. The distance between tracer lead access locations shall not be more than 1,000 feet and all joints or splices in the wire shall be made waterproof.
4. An air valve should be provided at the end of the project at Sta. 27+23 or upslope of this point, since that is the highest elevation of the new waterline segment.
5. The system is capable of maintaining 20 psi at all metered services at all times.

Final Approval for the project will be granted upon confirmation that the project was constructed as proposed and in conformance with the conditions listed above and upon receipt of the $600 plan review fee.

Thank you for submitting this information in advance of construction and if you have any questions or would like this information in an alternate format, 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: Don Snyder, City of Warrenton