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February 25, 2015

Shawn Nguy, PE
PACLAND
6400 SE Lake Road, Suite 300
Portland, OR 97222

**Re: City of Warrenton (PWS ID #00932) Walmart Waterline Extension
Conditional Approval - PR #23-2015**

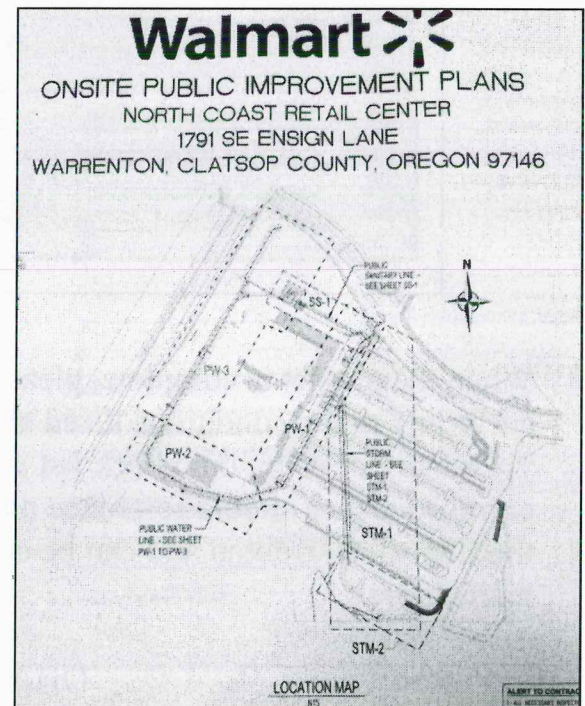
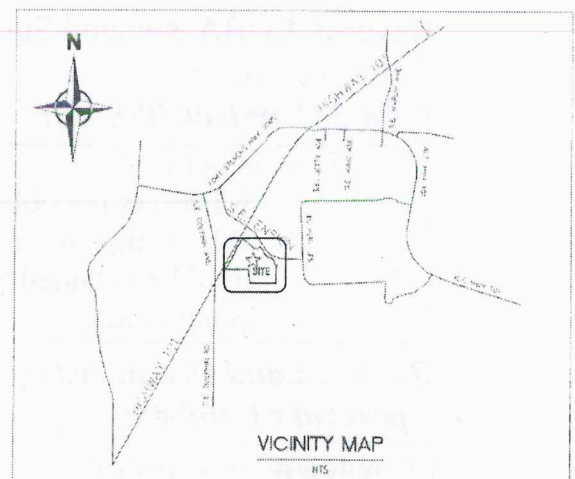
Dear Mr. Nguy,

I have completed my review of the submitted plans (received on February 19, 2015 along with a check for \$600 and a Notice of Decision and Order PacLand Application SDR 12-1 Revised, Land Use Board of Appeal Remand Submittal) for the construction of potable waterlines serving the Walmart store located on Tax Lot 81027C007200 at 1791 SE Ensign Lane as shown in the Vicinity Map.

The waterline extension calls for the installation of roughly 1,380 LF of 8" diameter AWWA C-900 PVC waterline and 420 LF of 10" diameter AWWA C-900 PVC within a proposed public easement (ranging from 15-ft to 20-ft wide).

The project is approved for construction as shown in the submitted plans, provided the following conditions are met:

1. Waterlines are installed and tested in conformance with the latest standards of the American Water Works Association, NSF International, or other equivalent standards with at least 30 inches of cover and disinfected and tested according to the latest AWWA standard C651.
2. The design ensures 20 psi to be maintained at all service meters.



3. Number 18 AWG (minimum) tracer wire is installed according to OAR 333-061-0050(8)(k), with wire ends accessible in water meter boxes, valve boxes, or outside the foundation of buildings where the pipeline enters the building. It is recommended that the tracer wire be placed immediately above the initial backfill material and directly over the pipe according to the latest AWWA Standard C605 *Underground Installation of PVC Pipe*.
4. Easements for the waterline are obtained and recorded with the County clerk prior to use in conformance with OAR 333-061-0050(8)(a) and Conditional of Approval #1 and #5 of the Notice of Decision and Order PacLand Application SDR 12-1 Revised, LUBA Remand Submittal issued by the City of Warrenton. Both are shown below:

OAR 333-061-0050(8)(a):

(8) Distribution systems: (a) Wherever possible, distribution pipelines shall be located on public property. Where pipelines are required to pass through private property, easements shall be obtained from the property owner and shall be recorded with the county clerk;

Revised Land Use Board of Appeal Notice and Decision of Order – Condition of Approval #1 and #5:

<p>Conditions of Approval</p> <table border="1"><tr><td>1. All utility easements to be granted to the city shall be a minimum of 20-foot wide.</td></tr><tr><td>5. All easements granted to a public agency, including easements for utility systems, access and maintenance, shall be at least 20 feet wide. All easements shall be executed and recorded prior to issuance of a temporary occupancy permit.</td></tr></table>	1. All utility easements to be granted to the city shall be a minimum of 20-foot wide.	5. All easements granted to a public agency, including easements for utility systems, access and maintenance, shall be at least 20 feet wide. All easements shall be executed and recorded prior to issuance of a temporary occupancy permit.
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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 the form of 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 #23-2015 and water system ID #00932 for the City of Warrenton and can be either e-mailed to me at evan.e.hofeld@state.or.us or mailed to:

Attn: Evan Hofeld
OHA-Drinking Water Services
PO Box 14450
Portland, OR 97293-0350

Until we receive verification that the project was completed with the conditions listed above met and we have granted Final Approval for the project, the waterline is not approved for use. If you have any questions or would like this information in an alternate format, please feel free to contact me at any time at 971-673-0419 or via e-mail at evan.e.hofeld@state.or.us.

Sincerely,



Evan Hofeld, Regional Engineer
Oregon Health Authority – Drinking Water Services

cc. Don Snyder, Public Works Director, City of Warrenton

