



August 14, 2017

Jonathan Smith, PE  
Cascade Water Works, Inc.  
13469 Morrow Lane SE  
Turner, OR 97392

Re: **New Well (PR#68-2017)**  
**Nantucket Shores (PWS ID#95088)**  
**Site Plan Approval**

Dear Jonathan:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the new well for Nantucket Shores. On June 13, 2017, our office received a site plan, well drilling specifications and a plan review fee of \$825.

The project includes drilling a well to a projected depth of approximately 236 feet. The water system has an easement and there are no setback issues within 100' of the well.

A regional geologist in our program reviewed the proposed well construction. He noted the following, which should be shared with the well driller:

- The proposed casing seal depth is 40', which based on the formation documented in the well log for the existing well, appears it would meet DWS construction standards.
- The aquifer the well will be drilled into is likely unconfined.

**The project is granted site plan approval.** Once construction of the well is complete, please submit:

1. The well driller's report (well log).
2. Well pumping test information including static water level, pumping rate, drawdown and rate of recover.
3. Pump information.
4. Raw (Untreated) Water Quality Data including coliform bacteria, nitrate and arsenic. These are to be taken from the new well's raw water sample tap at the wellhead.
5. A copy of the Water Right Permit from WRD, if a water right permit is required.

6. Note that a method of determining the total output of the well must be provided (typically a flowmeter).

The above items should reference Plan Review #68-2017 and can be emailed to me at [Carrie.L.Gentry@state.or.us](mailto:Carrie.L.Gentry@state.or.us) or mailed to:

Attn: Carrie Gentry  
OHA-Oregon Drinking Water Program  
PO Box 14450  
Portland, OR 97293-0450

If you have any questions, please feel free to call me at (971) 673-0191.

Sincerely,



Carrie Gentry, PE  
Regional Engineer  
Drinking Water Services

cc: Gregg Baird, OHA/DWS  
Annette Pampush, Tillamook County Environmental Health  
Don Giddings, Nantucket Shores