Civil West
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Newport, OR 97365
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September 3, 2023

Oregon Health Authority
Drinking Water Services
Attn. Environmental Review Coordinator
P.O. Box 14450
Portland, OR 97293-0450

Re.: Request for a Categorical Exclusion from further environmental review
for the **SW Lincoln County Water People's Utility District** water system

I am writing to request a categorical exclusion from further environmental review for Water System Improvements in accordance with Oregon Administrative Rules 333-061-0063. This project consists of the replacement of old, undersized, and deteriorating pipelines, all within public right of way. Most projects discussed within this letter were evaluated within the SW Lincoln County Water People's Utility District Preliminary Engineering Report (PER). The projects are (approximate lengths shown):

1. ***SW Seabrook Lane Waterline – 1,900-feet; PER Project #2***

The purpose of the SW Seabrook Lane Waterline Project is to install a new 12-inch seismic resilient waterline and replace the old existing 8-inch AC pipeline. The new pipeline will be located along Seabrook Lane. Seabrook Lane is located near mile marker 3 along Hwy 101. The project will extend east along Seabrook for over 1,863 feet.

Figure 1A - Seabrook Lane Waterline Improvement Layout (West End)

Figure 1B - Seabrook Lane Waterline Improvement Layout (East End)

2. *SW Wakonda Beach Road Waterline – 2,000-feet PER Project #3*

The purpose of this project is to replace an old brittle smaller pipeline with a new seismic resilient larger pipeline to improve pressures and fire flow. The SW Wakonda Beach Waterline Project is located along SW Wakonda Beach Road. The project extends east along SW Wakonda Beach for approximately 1950 feet.

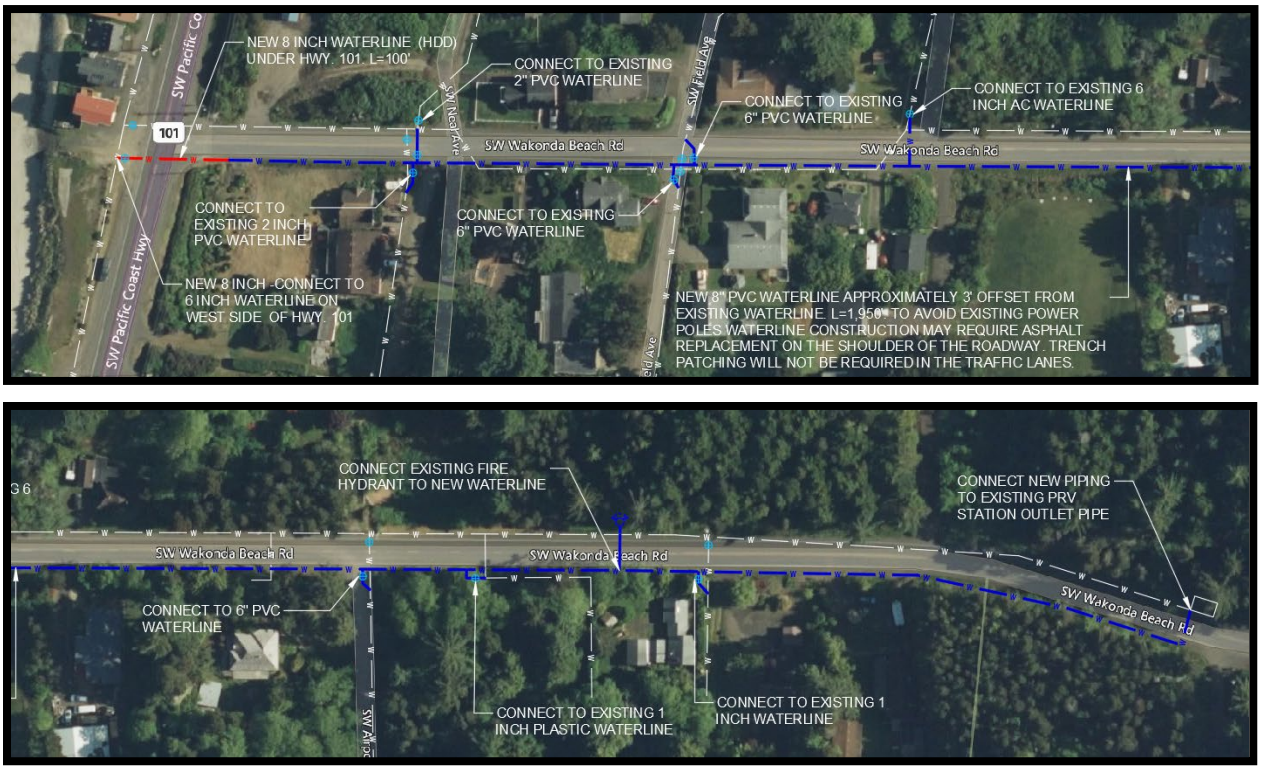

Figure 2 - SW Wakonda Rd. Waterline Project Layout

3. *SW Tara Lane to SW Forestry Lane – 2,500-feet PER Project #4*

The purpose of this project is to replace an old brittle smaller pipeline with a new seismic resilient larger pipeline to improve local and system wide pressures and fire flows. The existing waterline impacted by the new project extends from SW Tara Lane northeast along a private easement to a valve cluster on SW Forestry Lane, then north along the west border of the Forestry Department property, east along the unnamed road/driveway, and finally across Hwy. 101.

Figure 3 – SW Tara Lane Site Improvement Layout

4. *Pressure Reducing Vaults (PRVs) Improvements – SW Wakonda Beach PRV and SW Seabrook Lane PRV PER Project #5*

There are two PRVs: SW Wakonda Beach and SW Seabrook Lane. It has recently been confirmed by recent system leaks (due to valve failure from ineffective bolts) the PRVs are not able to meet fire flow demands. The purpose of this project is to replace both PRVs with a fire flow bypass set up and reduce potential liability to the PUD. One pressure reducing valve (PRV) is located between the Seabrook Pump Station and the Seabrook storage tank, in a grassy area just east of SW Seabrook Lane. The second is located alongside SW Wakonda Beach Rd.

Figure 4- Seabrook and Wakonda Beach Prv Site Improvement Location

5. *NE Forest Hill Street Waterline – 1,200-feet PER Project #7*

The purpose of the project is to provide users dependable water supply by replacing an existing old, brittle 6-inch AC pipeline with a seismic resilient pipeline along NE Forest Hill Street. The project extends east from Highway 101 for approximately 1,200 feet.

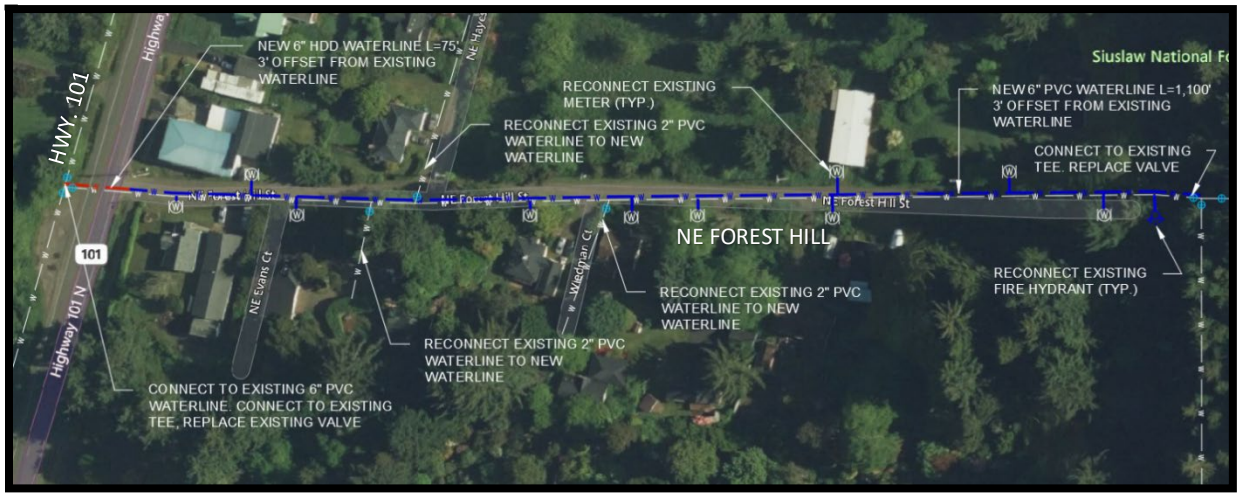

Figure 5 - NE Forest Hill Street Waterline Site Improvement Layout

6. *West Side of HWY 101 from Fernwood Drive South to Wakeetum Street – many service lines relocated PER Project #8*

The purpose of this project is to discontinue the use of an existing 6-inch AC pipeline and reconnect all service lines and fire hydrants to a new, more seismic resilient and secure distribution pipeline. The AC pipe

is becoming costly to maintain. The project limits are from SW Fernwood Drive on the north to SW Wakeetum Street on the south along Hwy. 101. The project length is approximately 2,800 feet.

Figure 6 - W. Side of Hwy. 101 Waterline Site Improvement Layout (North Section)

Figure 7 - W. Side of Hwy. 101 Waterline Site Improvement Layout (South Section)

7. *East Side of HWY 101 from Fernwood Drive North to SW Whitecap Drive – many services line relocated and 1,000-feet of pipeline PER Project #9*

The purpose of this project is to discontinue the use of an existing 6-inch AC pipeline and reconnect all service lines and fire hydrants to an existing 10-inch PVC pipeline. The AC pipe is becoming costly to maintain. The project entails the disconnection of existing services from the old AC pipeline to the newer

PVC pipeline. The project limits are along the east side of Hwy 101 between SW Whitecap Drive on the north and SW Fernwood Drive on the south.

Figure 8 - East Side of Hwy. 101 Waterline Site Improvement Layout

8. *NE Camp One Street Waterline – 1,200-feet PER Project #10*

The project entails the replacement of an old, leaking, brittle existing 4" AC pipeline with a larger seismic resilient pipeline to provide fire protection and security. The waterline runs along NE Camp One Street. The project extends east from Highway 101 for 1,275'

Figure 9 - NE Camp One St. Site Improvement Layout

9. *NE California Street Waterline – 1,000-feet PER Project #11*

The project entails the replacement of a 4" brittle AC pipeline with a larger seismic resilient pipeline which will also provide for fire protection. The waterline runs 850' along NE California Street. The project extends east from Highway 101.

Figure 10 - California Street Site Improvement Layout

10. Dicks Fork transmission from Dick's fork WTP to Wakonda Beach Road – 4,000-feet – Not Included in the PER

The project entails the replacement of the 8" PVC transmission line extending from Dick's Fork Water Treatment Plant, and SW Wakonda Beach Road. The existing pipe does not meet existing construction standards (pipe is too thin, and radius of curvature is far beyond industry standards). In recent months the pipe has begun to fail in multiple locations. This project will replace 3,472 feet of transmission main. The waterline alignment is along a paved and gravel roadway within county road right of way.

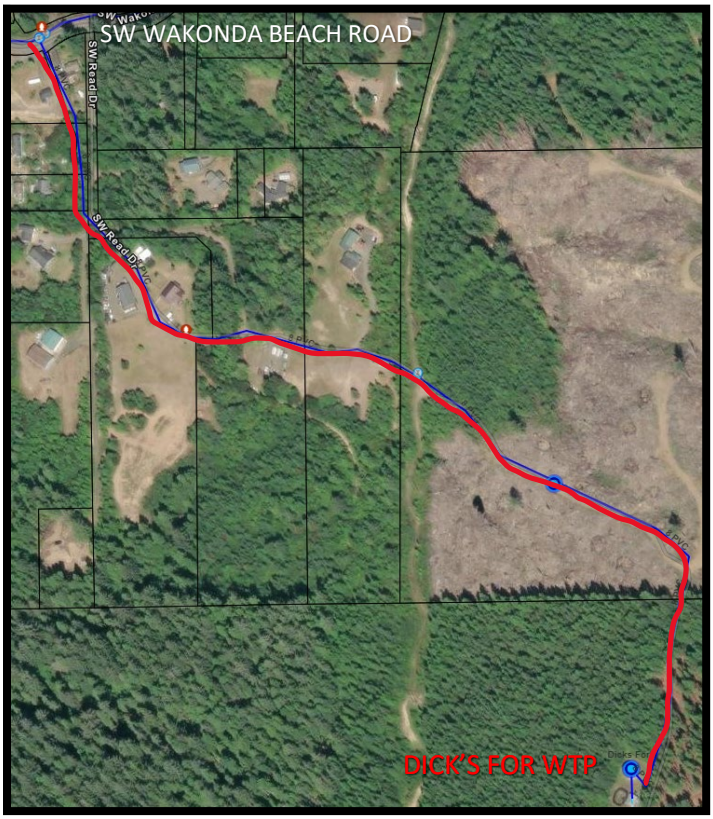

Figure 11 – Dick's Fork Waterline Site Improvement Layout

11. Wakonda Beach Road – 11,0000-feet - Not Included in the PER

The project entails the replacement of the 8" PVC transmission line extending along Wakonda Beach Road from Highway 101 to SW Kathleen Street. The existing pipe does not meet existing construction standards (pipe is too thin, and radius of curvature is far beyond industry standards). In recent months the pipe has begun to fail in

multiple locations. This project will replace 10,452 feet of transmission main. The waterline alignment is along a paved and gravel roadway within street right of way.

Figure 12 – SW Wakonda Beach Road Site Improvement Layout

Additional Project Information:

Physical Construction:

The new waterlines in all listed projects are all waterline replacement projects. The replacement waterline projects will require waterline trenching, pavement patching, water service and fire hydrant reconnections, and installment of various other waterline appurtenances. For most projects power is overhead, and the cable and telecom are underground. The contractor will need to use caution when trenching to avoid existing utilities.

Land Ownership and Disturbed areas:

The new waterlines in these projects are all replacement projects and are within existing right of ways. With the exception of Hwy. 101, all projects are within county road right of ways. They are also in soils that were previously disturbed for roadway and utility construction.

This project is eligible for a categorical exclusion according to the criteria stated in OAR 333-061-0063 (2) (a).

Please let me know if you need anything else. Please feel free to contact either myself or James Parmenter in our office.

Sincerely,
Civil West Engineering Services, Inc.

Keven T. Shreeve, PE, Principal
North Coast Regional Manager

cc: Tui Anderson, SWLCWPUD Manager