City of Oak Harbor
Clean Water Facility Project

Foundation preparation continues: Watch us work!
Sheet pile installation planned, increased vibration and noise expected

Before crews can build the foundation for the new Clean Water Facility, they need to continue preparing the underground work area to ensure safe working conditions. On this project, foundation preparation work includes a combination of building stone columns and driving large metal sheets into the ground. Stone column work was completed in late January.

Installing large metal sheets, or "piles", is the next step in preparing for foundation work. Equipment and materials will arrive on site in early February. *Sheet pile installation could start as early as Monday, Feb. 22.*

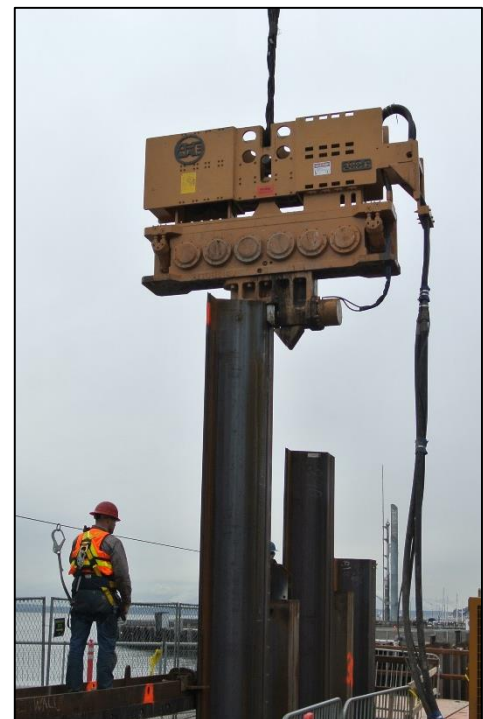*Clean Water Facility construction area map*

What are sheet piles and how are they installed?
Sheet piles are thin, interlocking steel sheets that stabilize soil and keep water out of the work area. Sheet piles are installed using a technique called pile driving. To drive piles, crews use a vibratory hammer to shake the 18 foot tall sheets into place underground. The sheets are driven in pairs and are a little over 4 1/2 feet wide. You may notice an increase in vibration and noise during this work.

Sheet pile installation is expected to take approximately two months; total duration may be adjusted based on soil conditions in the work area.

What to expect:
- Increased vibration and noise around the project site
- Heavy equipment and materials on site
- Work hours typically 7 a.m. – 7 p.m. Monday through Friday
- If weekend work is necessary, the community will be informed via weekly construction update emails – contact treatmentplant@oakharbor.org to sign up

Example of sheet pile installation

For general project information visit the project website at www.oakharborcleanwater.org. To ask questions, talk about the project, or receive weekly construction updates email treatmentplant@oakharbor.org or call 360-914-7000.