



NORTH MERCER ISLAND/ENATAI Sewer Upgrade Project

North Mercer Pump Station Gets An Upgrade



Upgrading the North Mercer Pump Station will ensure the pump station is compatible with the new pipeline, address the condition of aging equipment, and allow the system to handle the expected increase in flows through 2060.



Future pump station seen from SE 22nd Street

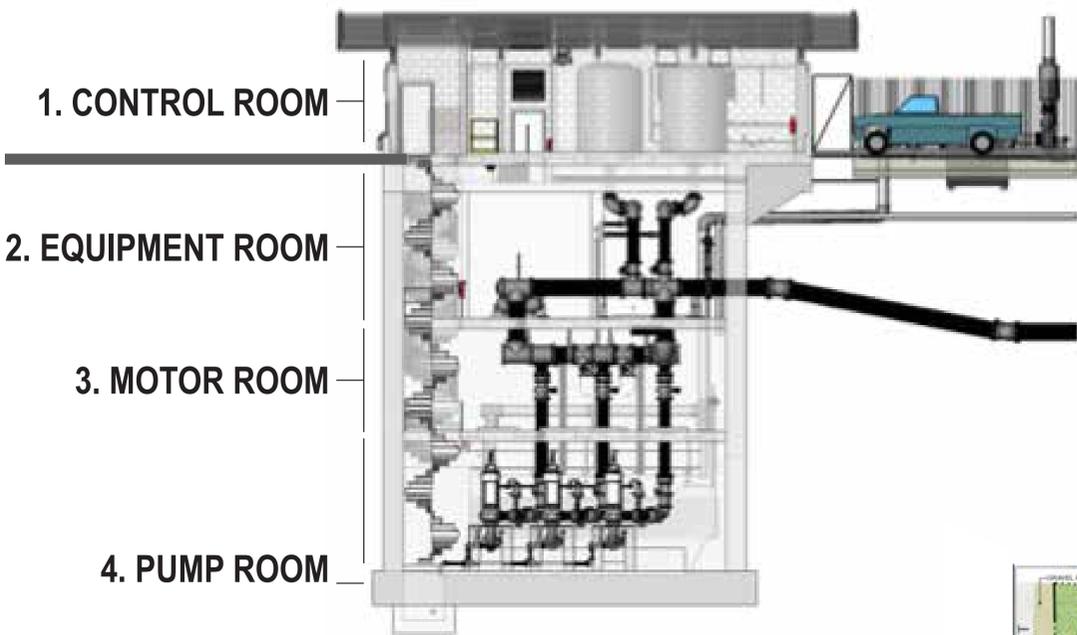


Future pump station seen from driveway west of site

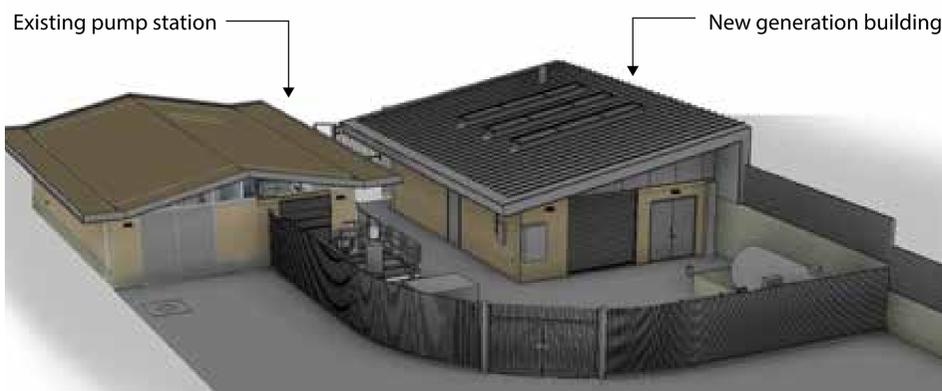
The upgraded pump station site will have new landscaping and a new generator building to the west of the existing pump station building.

The western boundary of the pump station site includes a new retaining wall, soil enrichment, and vegetation to screen the site from neighbors.

What are we doing in the existing pump station?



The pump station is like an iceberg – most of it is below ground. Upgrades in the pump station include new pumps, new odor control, new pipes and modification to the existing wet well and heating and ventilations systems.



A new generator building to the west of the existing station will include a standby generator and upgraded electrical equipment. The generator will ensure the pump station stays operational even during a power outage. The generator will have a silencer to minimize noise.



Looking down on the site from above. After construction is complete, King County will remove invasive plants such as knotweed and ivy, and plant new trees and landscaping around the site. Most of the new landscaping will be native forest species.

Due to the stream on the east side of the property, most construction must happen on the west side of the site. But the west side is hilly, so a retaining wall will be constructed southwest of the pump station building to stabilize the site and allow a landscaped buffer to be planted.