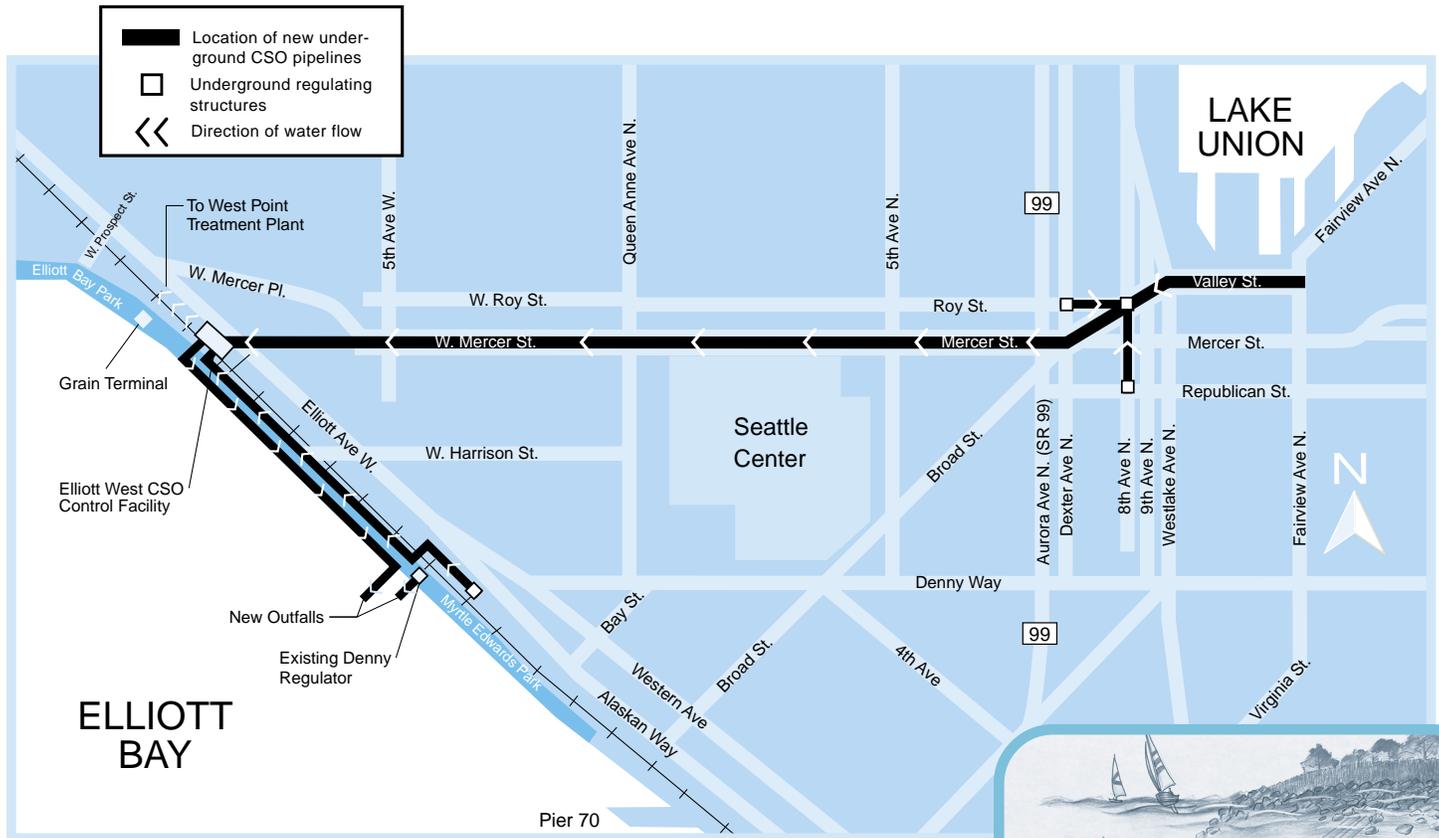
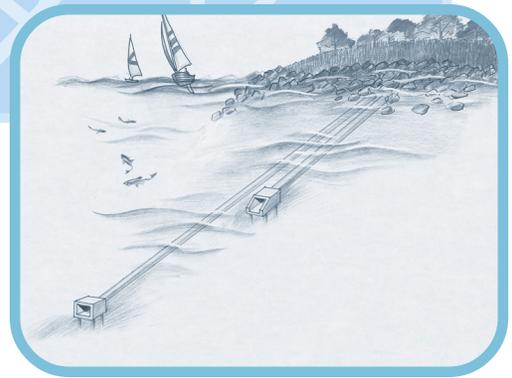


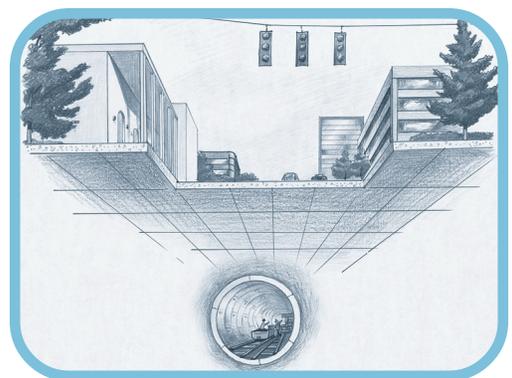
How will the *New System* work?



1. During dry weather, wastewater will continue to flow in the existing collection system. As levels rise in the pipes during storms, flows will be diverted into a 6,200-foot long tunnel under Mercer Street. During many storms, flows will be stored in the tunnel until the storm subsides. After the storm, the flows will be pumped through the Elliott West CSO Control Facility and transported for treatment at the West Point Treatment Plant.
2. Approximately 10-20 times per year, during large storms, the tunnel storage will fill up. When this happens, flows will undergo CSO treatment at the Elliott West Facility. After treatment, flows go through an effluent pipeline and then are discharged 500 feet offshore through an outfall that is 60 feet deep.
3. During the largest storms—on average, once a year—flows may exceed the pumping capacity of the Elliott West Facility. When this happens, excess flows will be discharged untreated, 100 feet from shore, through an outfall that is 20 feet deep. Treated flows will continue to be discharged through the deeper outfall as well.



Two new outfalls will be installed at the Denny Regulator in Myrtle Edwards Park. One outfall is 500 feet offshore and 60 feet deep; the other is 100 feet offshore and 20 feet deep. The existing overflow at the shoreline will be removed.



The depth of the Mercer Street Tunnel varies from 155 feet deep near 1st Avenue N. to 38 feet deep at the West Portal at 545 Elliott Avenue W.