



Project update

July 6, 2016

Tide gate work begins this week, increased noise and vibration expected during shoring installation

As early as Thursday, July 7, King County's contractor will begin installing a piece of metal called a tide gate on the outfall pipe in the southwest corner of Lowman Beach Park. The outfall acts as a safety valve for the Murray Pump Station, sending excess flows into Puget Sound when the pump station is full to prevent sewage spills in homes, streets, and parks. When operational, the Murray CSO Control Project facility will reduce these occurrences by storing up to one-million gallons of wastewater and stormwater during rainfall events. The new tide gate on the outfall will only open when there is water being released from the pump station. When closed, the gate will prevent salt water from travelling back up the outfall, which can damage the pump station's equipment. The new tide gate is needed to protect the pump station from salt water during high tides, which have become more frequent in recent years.

The tide gate installation is expected to take approximately one month to complete. This includes shoring, installation of the tide gate, and removal of shoring. The contractor will first install a steel box and thin steel sheets called sheet piles to reinforce the work zone and keep the area dry. The steel box will be installed using an excavator, similar to the one used to install shoring on Beach Dr. S.W. during street work. Once the box is in place, a vibratory hammer attached to a crane will be used to install each sheet pile around the steel box. The crane will be taken off site during installation of the tide gate and brought back to remove the shoring once the installation is complete. **There will be increased noise and vibration during shoring installation and removal. Shoring installation and removal are both expected to take approximately one week to complete.**

Work will continue on Beach Dr. S.W. and on the project site while the tide gate is installed. Thank you for your continued patience during construction. Please contact the project hotline at 206-205-9186 with any questions or concerns.

What to expect:

- Work on weekdays from 7 a.m. to 6 p.m. and Saturdays from 9 a.m. to 6 p.m.
- Crews working in the project site, on Beach Dr. S.W., and in Lowman Beach Park
- Increased noise and vibration during shoring installation and removal
- A new crane on-site during shoring installation and removal
- No impacts to access at Lowman Beach Park



Tide gate work will begin this week in Lowman Beach Park and is expected to take approximately one month to complete.

Alternative Formats Available
206-477-5371 / TTY Relay: 711

For more information:

Call the 24-hour project information hotline: 206-205-9186

Email caryn.sengupta@kingcounty.gov or <http://www.kingcounty.gov/murraytank>