



CLOSER TO A CLEANER PUGET SOUND FOR LOWMAN BEACH PARK AND YOU

Keeping sewage out of Puget Sound Murray Basin Combined Sewer Overflow (CSO) Control Project

King County is building an underground storage tank across the street from Lowman Beach Park in West Seattle. During storms, the tank will hold up to one million gallons of sewage and polluted stormwater that would otherwise overflow into Puget Sound.

The new facility will have equipment to control odors from the tank and the underground pump station working across the street in Lowman Beach Park.



The new facility will be located east of Lowman Beach Park.

King County’s project team worked closely with the community to design a facility that fit in with the look and feel of the neighborhood. Crews started construction in 2014 and will finish in late 2016.

Murray CSO project on target for 2016 completion

	2014				2015				2016			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Soil Nail Wall												
Secant Piles												
Excavation												
Underground Tank												
Facility Building												
Utilities												
Pump Station												
Street Work												
Closeout												

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King County’s contractor is currently building the underground tank.

King County’s contractor for the Murray Basin CSO Control Project worked hard in 2014 to ready the site for construction of the underground storage tank. The facility is on schedule to be completed in 2016.

LOOKING BACK AT A YEAR OF PROGRESS

King County knows that a productive construction project can be disruptive to those living and working near it. King County's project team appreciates the community's patience and accommodation throughout all of the work listed below:

Spring 2014 ▶



Site stabilized

- Crews built a 25-foot soil nail wall along the site's eastern and southern boundaries
- The wall prevents the hillside from sliding, which protects nearby homes, roads and utilities
- The wall will remain in place permanently

Summer 2014 ▶



Groundwater controlled

- Crews drilled 100 concrete cylinders, called secant piles, 80 feet deep into the ground
- The cylinders create a water-tight ring that makes it safe to dig out the underground tank's location
- The ring will also serve as the tank's outer wall

Fall 2014 ▶



Underground tank area excavated

- Crews removed more than 21,000 cubic yards from the site
- As many as 50 trucks a day delivered soils from the site to landfills in Renton and Black Diamond
- The amount of material removed from the site could fill Colman Pool twice

End of 2014 ▶



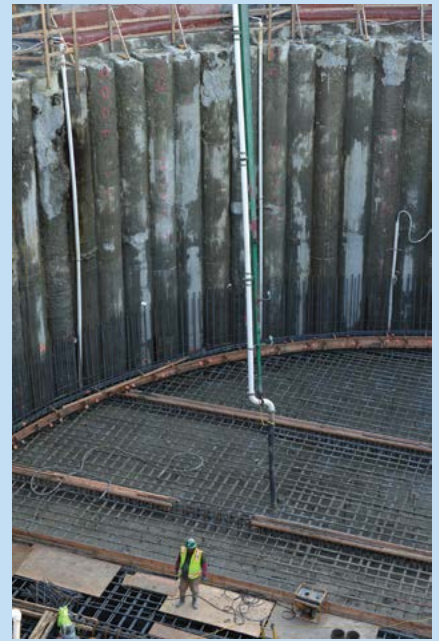
Concrete slab poured

- Nearly 5,000 cubic yards of concrete were placed inside the ring over three days
- More than 200 trucks delivered concrete to the site each day - nearly 600 overall
- The slab will prevent the site's groundwater from pushing the tank out of the ground, serving as the foundation for the underground storage tank

WHAT'S HAPPENING IN 2015

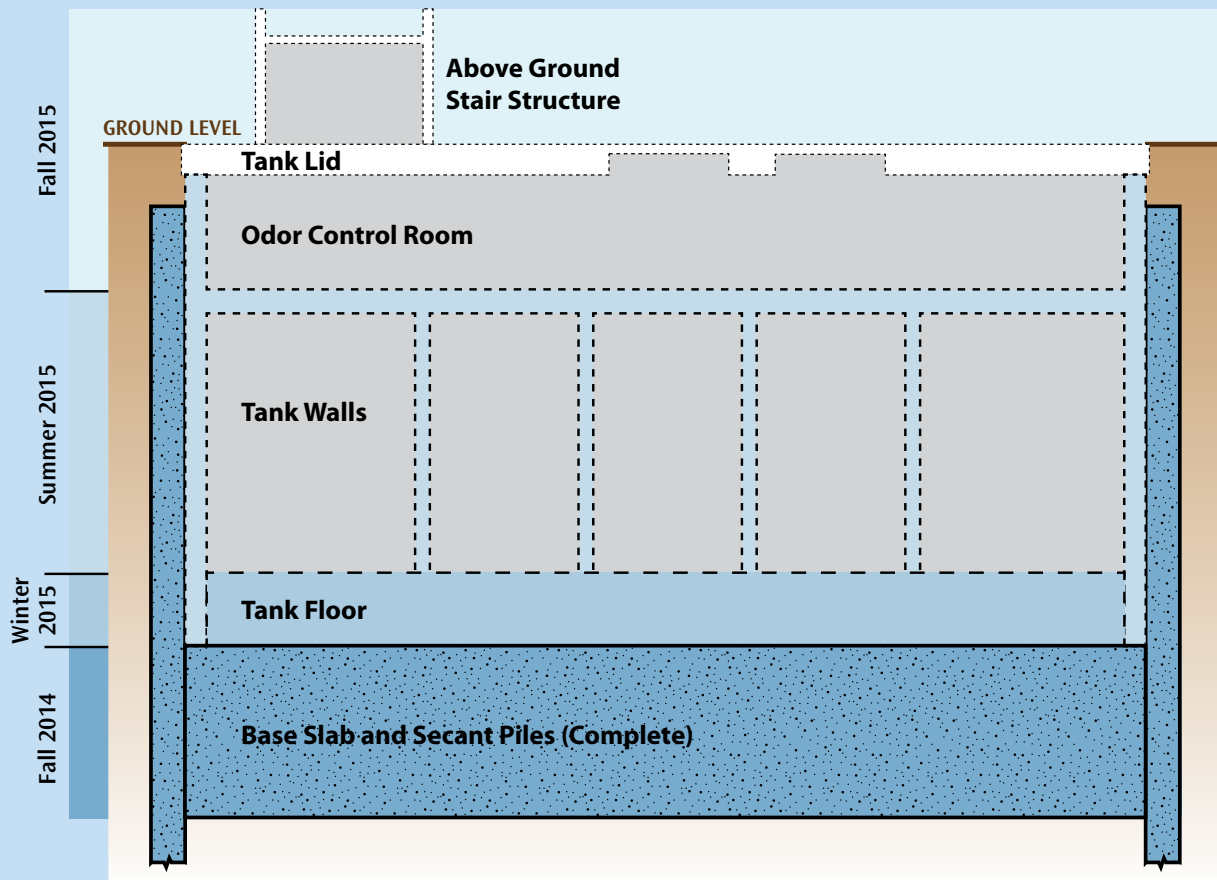
King County's contractor will spend most of the next year building the underground storage tank. When complete, the tank will be 100 feet wide and 60 feet deep. Crews will use wooden frames, called forms, for each part of the tank. Then they will pour concrete into the forms built around rebar to construct the one-million gallon tank and roof. Preliminary electrical and mechanical work for the tank will also occur. When the tank is complete, they will turn off groundwater pumps and work will turn to constructing the facility building above the tank.

Community members can expect increased truck traffic around the site and on haul routes when concrete is delivered to the site. Deliveries of rebar, electrical and mechanical equipment will also increase traffic on and around the site. Lowman Beach Park and nearby roads will remain open during construction.



Crews pour concrete for the floor of the underground storage tank.

Facility Building Schedule (Fall 2014 Through the End of 2015)



For more information or to receive email updates:

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

Email doug.marsano@kingcounty.gov or search "Murray CSO" at kingcounty.gov



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A Year Of Progress

Learn more about how King County
is working towards a cleaner
Puget Sound at Lowman Beach Park

Want more information?

- Visit us at an information session, fair, or festival
- Ask us to participate in your community group meetings
- Join our mailing list to receive project newsletters and meeting announcements
- Call the project hotline: 206-205-9186
- Email: doug.marsano@kingcounty.gov
- Submit comments online at the project website by searching for "Murray CSO" at www.kingcounty.gov

*The project team is available to answer questions 24 hours a day.
Every project inquiry will receive individual attention.*

STAY SAFE! Please avoid the site or engaging workers.



*Scan this QR code
with your smart
phone to visit the
project website*

Alternative Formats Available
206-477-5549 (voice) or 711 (TTY)