

UTILITIES INFRASTRUCTURE West Jasper Place/Sherwood Bi-Weekly Project Update – March 4, 2016

The City of Edmonton is committed to providing the residents of West Jasper Place and Sherwood with regular information updates about the City's sewer rehabilitation project in your neighbourhoods. You can go to edmonton.ca/westedmontonsewer for more information or call 311 if you have a concern or comment (when you call, please identify that you are from the West Jasper Place or Sherwood communities).

Please consider identifying your street address and preferred email address if you would like to receive these notices electronically rather than through the mail.

Public Meeting

Utilities Infrastructure held a public meeting on February 22, 2016 for residents of West Jasper Place and Sherwood. Todd Wyman, Acting Executive Director, Utilities Infrastructure and Clem Yong, Director, Project Delivery, Utilities Infrastructure, presented information on the ongoing assessments of the condition of local sewers, an update on Phase 1 and 2 construction and steps taken and planned to reduce odour and noise. The [presentation](#) can be found on the project page (under Public Engagement / Information Updates) along with a [survey](#) for those who attended the meeting.

Concerns From the Public Meeting

Noise levels from two scrubbers and general construction work

- The City is putting **noise barriers and sound absorption materials** around the air scrubbers' fans, a major source of the noise. The air scrubbers will only operate if the noise levels are within the Community Standards Bylaw.
- The City of Edmonton will perform **regular noise monitoring** to ensure the noise levels remain within the Community Standards Bylaw.
- Chemicals added to the local wastewater pump stations to reduce the level of H₂S may **over time also reduce the amount the air scrubbers are used**. Diversion of the live sewer flow to the bypass tunnel will also minimize H₂S odours from reaching the street level at 99 Avenue.

City's request for exemption to Community Standards Bylaw

- The City has requested an exemption to this bylaw **only to be able to work an extra hour longer** in the day, up to 11 p.m. This is only for the excavation of the tunnel portion of the Phase 2 bypass tunnel (about eight weeks — mid-March to the end of April). The City will meet the Community Standards Bylaw and it will reduce the noise level to a level at a local intersection with normal traffic (50 dBA) at night.

The impact of major construction on home values versus increased annual assessment increases.

- Further information on this issue will be communicated in the next update.

Toxicity of chemicals used in odour control and from sewer shafts

- Alberta Health Services has indicated that the odours coming from the sewers do not pose a health problem. All chemicals being used to reduce odours (calcium nitrate, hydrogen peroxide and iron salts) are commonly used in sewer systems and, when used properly, they can significantly reduce odours without any health impact. We will continue to monitor hydrogen sulfide and carbon monoxide levels outside of the 99 Avenue shaft and share the results with residents.
- Several people were concerned about other toxic gases (other than H₂S) coming from the sewers. In response, we are redoing the gas sampling and gas chromatographic tests that were done throughout the system by Toxicon (an independent third party) in the late 1990s.
- We are in the final stages of installing an online gas monitoring system that can detect H₂S and carbon monoxide. Residents and any interested members of the public will be able to see the monitoring results 24/7 once it is in place.

Explore moving one of the air scrubbers.

- The possibility of moving one air scrubber from in front of a resident's home to a street corner in the same location is being investigated. We will communicate with all residents about our plans.

Construction Update

Phase 1

- There are no planned activities which may cause changes to the impacts of traffic, pedestrian access and odour control over the next two weeks.
- As mentioned in the last update, estimated completion date has been revised to the end of **October 2016**.
 - February - May: New shaft and pump station connections
 - May - August: Liner installation/sewer rehab
 - August - October: Finishing of shaft structures and sealing of manholes
- For the remainder of Phase 1, hours of construction will be 7:00 a.m. to 5:30 p.m., Monday to Saturday.
- The map of the 151 Street and 100 Avenue laydown can be found online. If you would like to receive a paper copy, please contact us.

Phase 2

- Crews started excavating the new shaft on 99 Avenue on February 29 and will complete excavation by mid-March.
- After the shaft has been excavated, crews will begin excavating the west hand tunnel.
- Please refer to the project page for maps of the laydown areas to see how the different stages of construction will impact pedestrian and vehicular access.

For More Information:

Call: **311** -- Email: drainageprojects@edmonton.ca

Website: edmonton.ca/westedmontonsewer

