

UTILITIES INFRASTRUCTURE West Jasper Place/Sherwood Project Update – June 30, 2016

The City of Edmonton is committed to communicating with the residents of West Jasper Place and Sherwood with 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).

In order to receive more timely updates and save paper, please consider identifying your street address and preferred email address if you would like to receive these notices electronically rather than through the mail.

Construction Update

Phase 1

151 Street/100 Avenue

- Within the next two weeks the installation of a weir and bulkhead will take place within the two connections to the pump station. This will divert the flow of sewage into the pump station.
- Upon completion of the work within the pump station, the air scrubber at 151 Street and 100 Avenue will be started and the pump station will be sealed. At that time, the air scrubber from 153 Street and 100 Avenue will then be relocated to 151 Street and 99 Avenue.
- The air scrubber located at 153 Street and 100 Avenue is running 24/7 to reduce odours. One lane is closed on 100 Avenue but once the air scrubber is relocated, both lanes will reopen, likely in the next 3 weeks.
- Moving the air scrubber to 99 Avenue and 151 Street will cause no additional traffic impacts.

151 Street/99 Avenue

- At this time there is no Phase 1 work taking place at this location.

Phase 2

- Divers have completed the opening of two connections of the bypass tunnel. Crews are working within the bypass tunnel shaft East of 151 Street and 99 Avenue to install the manhole. Once this is complete the crew will seal the manhole frame and cover.
- When the manhole is not capped during work hours, the potential exists for some odour to occur. The City will make every effort to reduce odours during work hours and prevent it after hours.
- Ambient air monitors on site show no levels of hydrogen sulphide (H₂S) have been detected at dangerous levels.
- To reduce odours while working in the shaft, there is a ventilation fan blowing air into the shaft in an effort to force air downstream and reduce the likelihood of odour being released.

Real-time ambient air monitoring available for residents to view

- Real-time ambient H₂S and carbon monoxide (CO) monitors are in place at the southwest corner of 99 Avenue and 151 Street and can be viewed behind the construction fence. Residents are welcome to go and check out the data.
- These monitors will show H₂S and CO levels as they occur at the site in real time (see photo). The City is also currently exploring the possibility of uploading the data so that it can be viewed online.
- Although CO is not a component of sewer gases, ambient monitors were installed at the same locations as the H₂S to address community concerns. All monitoring data, real time and other ambient monitors, will continue to be provided to Alberta Health Services.
- Please note the sensor readings are affected by temperature, humidity, air pressure and wind speed and each, or a combination, of these factors will affect the accuracy of the readings. The sensors can measure H₂S and CO levels to an accuracy of +/- 0.5 parts per million, and they will be calibrated once every six months.



Task Force

The West Jasper Place Community Task Force met on Monday, June 20 to discuss the recent changes in the project. More details and responses to inquiries that came out of the meeting will be provided in the next update.

For More Information:

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

Website: edmonton.ca/westedmontonsewer

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