

## DRAINAGE SERVICES West Jasper Place/Sherwood Bi-Weekly Project Update – December 11, 2015

The City of Edmonton's Drainage Services is committed to providing the residents of West Jasper Place and Sherwood with regular information updates about Phase I of the City's sewer rehabilitation project. You can go to [edmonton.ca/westedmontonsewer](http://edmonton.ca/westedmontonsewer) for more information or call 311 if you have an odour complaint (please identify that you are from West Jasper Place or Sherwood communities).

The previous update focused on **construction information** and **concerns**. This week's will address residents' additional inquiries and provide more information on construction.

### Letters and inquiries to the City

Here are the answers to the questions asked by residents in letters to The City of Edmonton.

- **Update on gas chromatographs (equipment that monitors for different gases):** The City has contacted two independent labs that use gas chromatography equipment and a manufacturer of chromatographs for the oil and gas industry. The City is currently following procurement policies to select a vendor to analyze gases within the sewer. There are no gas chromatographs that give immediate "real time" data for all compounds found in sewer air since portable gas monitors can only test for a specified small range of gases. The only way to sample a broad spectrum of compounds in the air is through sending samples to a lab for analysis.
- **Third-party monitoring:** A third-party expert will review and interpret monitoring data. Results will be shared with Alberta Health Services, the community league and the task force.
- **Is WESS W13 operating as per the approved design?** WESS W13 is designed to mitigate flooding during heavy rain fall events by storing flows within the system, and it will operate as per the design. The connection from WESS W13 to the existing sewer is 10 centimetres (4 inches) below the tie in and this will be addressed with the rehabilitation work.

### Thank you to residents for informing us...

- **Pedestrian Access:** You may have recently noticed barricades and signs directing where people can walk appearing in your neighbourhood. Our apologies for not alerting you in our last project update about this change. We are working closely with our field staff to try and make sure you receive an update before changes start happening in your neighbourhood. Pedestrian traffic along the west side of 151 Street may be temporarily disrupted. Pedestrian traffic along the east side of 151 Street will not be affected. The crossing of 100 Avenue will be completed in two stages, and access for pedestrians to cross 100 Avenue will be maintained. The north half of 100 Avenue will be completed while vehicle traffic is split on the south lanes. Once complete, traffic will be diverted to the north lanes as the crossing of the south half of 100 Avenue is completed.

- **Odour Control:** Thanks to one of our community task force members for their inquiry about whether or not bioxide was still being injected into the sewer to reduce odours. They noted that the pumps did not appear to be operating. Bioxide injections into the sanitary trunk sewer east of the 151 Street and 99 Avenue shaft stopped last week as the City is awaiting shipment of additional supplies. Injections are scheduled to resume the week of December 14th. The City has been continuously monitoring the hydrogen sulphide levels at the above ground ambient monitor at 151 Street and 99 Avenue. The readings have been zero both before, and since, the injections have stopped. Again, we will strive to make residents aware of these types of changes in the future, prior to them happening.

## Construction Update

- Excavation of the shaft has been completed and the construction of the shaft structure will begin. The construction of the shallow bypass pipe started on December 8.
- The air scrubber at 151 Street and 99 Avenue will be removed as space is needed to install the bypass pipe at the intersection of 151 Street and 99 Avenue.
  - The shaft is still capped, and no sewer gas can escape from it. A new larger capacity air scrubber will be shipped to the intersection, in January 2016, to control odour before the cap will be removed.
- AquaCoustic Remote Technologies Inc. will be working on site for the next two weeks to complete the condition inspection of the sanitary trunks along 151 Street (from 93 Avenue to 99 Avenue), 100 Avenue (from 156 Street to 151 Street) and 151 Street (from 105 Avenue to 100 Avenue). AquaCoustic was unable to inspect the line fully in August 2015 due to technological issues.
- Construction will halt over the holiday season on December 23 and resume on January 4, 2016.

## Diagram of the Sewer System

- **Where sewage/drainage lines connect into the line along 99 Avenue. A cross-section diagram of the WESS 13 tie-in at 99 Avenue and an explanation of how the line between 99 and 100 Avenues connects, along with how the flow happens would be helpful.**  
The cross section has been completed, but due to size constraints (to save paper) we have uploaded it to the City's website at [edmonton.ca/westedmontonsewer](http://edmonton.ca/westedmontonsewer) under Related Documents. If anyone would like a paper copy mailed to them, please email [drainageprojects@edmonton.ca](mailto:drainageprojects@edmonton.ca).

As this is the last update before the seasonal break, we would like to thank everyone in West Jasper Place and Sherwood for your continued patience and understanding and wish you happy holidays! We look forward to continuing to work with the community in the new year, and the next update is scheduled for January 8, 2016 — unless there are any urgent matters that arise, in which case, we will contact you earlier.

### For More Information:

Call: **311** -- Email: [drainageprojects@edmonton.ca](mailto:drainageprojects@edmonton.ca)

Website: [edmonton.ca/westedmontonsewer](http://edmonton.ca/westedmontonsewer)

