

September 2018

TWEDDLE PLACE STORM AND SANITARY SEWER UPGRADES

EPCOR is upgrading the sewer system in Tweddle Place (north and west of Millbourne Road West) to reduce the risk of flooding. New infrastructure is being installed to provide extra flow and storage capacity. Upgrades include expanding the existing Tweddle Place dry pond, upsizing the storm sewers, and installing storage pipe for the sanitary system.

OVERALL SCHEDULE

The overall construction schedule of Tweddle Place Storm and Sanitary Sewer Upgrades is from 2015 to 2021. The work plan schedule is an estimate as delays may be caused by unusual weather conditions, unexpected soil conditions, and other scheduling factors. The typical construction season is May through November.

UPDATES ON WORK PLAN (Task: Planned Duration, Status/Notes)

Please note: All project timelines are estimates and are weather dependent.

Tweddle Place dry pond expansion

July 2017 to December 2018

Pond excavation and the large sewers and inlet/outlet structures were completed in December 2017. The detailed activities for September are:

- Continue top soil placement in the pond area
- Install living wall structure and plant willows
 - The height of the wall will be increased in the low spots. The structural engineer is still working with the contractor and incorporating community feedback, to determine what exactly that will look like – how much height will be added, what length of wall will the height be added to, how the height will be added if the wall is already built, when it will be done, etc.
 - The section of living wall on top of the Kinder Morgan pipeline will have a different appearance from the rest of the wall as willows are not allowed on this section due to restrictions on the proximity of structures to the pipeline. Diagonal bracings will be used at the bottom of the wall and there will be cedar cladding covering the wall. The cedar cladding will be used to help make this section of the wall look closer to the appearance as the rest of the living wall, which is interspersed with wood and the black geotextile fabric. Small shrubs, 1 to 2m in size, will be planted along the wall. The panels are scheduled to be installed in mid-September. Installation will take approximately 2.5 weeks.

MILLBOURNE FLOOD MITIGATION TASK FORCE

MONTHLY REPORT



- Continue planting installations in the dry pond (trees, shrubs, etc.)
- Pave the multi-use pathway west of the living wall
- All equipment travelling to and from the site will use 91 Street
- Water trucks will be used to spray water to reduce dust as necessary

Storm and sanitary sewer upgrades on 42A Avenue between 89 Street and Millbourne Road West Spring 2019 to the end of October 2020

Tree removal has been deferred until Spring 2019. EPCOR will work with the City of Edmonton to ensure that tree removal is done as early in the year as possible and the construction work will begin immediately after.

- Letters were delivered the week of August 3 to the homes in this area advising of the feedback from the Task Force and asking homeowners to contact EPCOR directly with any concerns.
- EPCOR is exploring options to host a pop-up event in the community in late September/October to give residents an opportunity to talk with the project team about the project.

Storm sewer upgrades on 86 Street and north of 43 Avenue August 2018 to November 2018

EPCOR Water started work on the water main crossing the last week of August. The water work involves two phases:

- The first phase was completed on August 28.
- The sewer work began on August 29.
- The second phase of the water work will be done after the sewer work is completed

Attached is the notice that was delivered to the impacted homeowners - those within the cul-de-sac, and on either side of 43 Avenue.

Storm and sanitary upgrades on 44 Avenue and east of 85 Street June 2020 to November 2021

The technical design phase is ongoing. Funding has been approved for this project.

If you have questions or concerns, contact:

EPCOR Drainage Services

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[Project Web Page](#)

September 2018

MALCOLM TWEDDLE & EDITH ROGERS DRY POND AND SEWER IMPROVEMENTS

This flood mitigation project in Tweddle Place (south and east of Millbourne Road West), Michaels Park, and Lee Ridge (northeast area) neighbourhoods involves the design and construction of a dry pond with two cells and approximately 3,300 m of storm and sanitary sewer upgrades.

Overall Schedule

The project is scheduled from 2015 to 2023. The work plan schedule is an estimate as delays may be caused by unusual weather conditions, unexpected soil conditions, and other scheduling factors. The typical construction season is May through November.

UPDATES ON WORK PLAN (Task: Planned Duration, Status/Notes)

Please note: All project timelines are estimates and are weather dependent.

Schedule: The City of Edmonton and the Edmonton Public School Board signed the land acquisition agreement for the dry ponds site in June 2018. EPCOR is working on procurement documents for the dry ponds and it is anticipated construction could get underway in late fall 2018.

Dry ponds design: The detailed design of the selected option is essentially complete and procurement documents are being prepared.

Sewer improvements design: The design documents are being finalized. Some modifications are being made as a result of coordination with the LRT project. Procurement of first stage is planned for 2019.

Sewer improvements construction:

- **66 Street Open-Cut Portion (41 Avenue to ~200 m north of 38 Avenue):** The timeline for this work is dependent on the progress of the LRT construction. EPCOR is working with the City of Edmonton's LRT team and LRT contractor to coordinate sewer construction with LRT construction to avoid disturbance in this area after LRT completion. It is estimated that this work will be done in 2019.
- **Remainder of Locations:** The progress of this work is dependent on the completion of the dry pond and LRT construction. It includes all other locations and the remainder of trenchless construction of sewers on 66 Street north and south of 38 Avenue. There will be some disturbance and it is estimated that the work will be done in 2019 to 2023.

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