


A NOTE TO OUR NEIGHBOURS



Rosssdale Water Treatment Plant
Summer 2022



Summer is here and as you are outside enjoying our Edmonton summer and beautiful river valley, you may see construction activities happening at the Rosedale Water Treatment Plant. Here's what's happening at our site, and how you can find out more.

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UPDATE ON THE EDMONTON WATER TREATMENT PLANTS FLOOD MITIGATION PROJECT

Edmonton's water treatment plants are located in the North Saskatchewan River floodplain. EPCOR is taking action to protect the water supply for Edmonton and more than 65 surrounding communities in the event of a major flood, while also partnering with local communities on flood resilience.

As part of this project, EPCOR is planning to build flood barriers around the Rossdale water treatment plant. In the first half of 2022, we have been listening to community members and Indigenous Nations about the type and design of these barriers.

We also heard that residents are concerned about the potential impact of a major flood on their homes. EPCOR has programs to help protect Edmonton neighbourhoods from flooding, and is working to share information with you about those programs. Visit epcor.com/floodprevention to learn more.

We are now compiling all of the input we heard about the proposed flood barriers, which will inform our project plans going forward. Thank you for your input. We look forward to sharing what we heard and what we're doing with your feedback soon.

For more information about the project, visit epcor.com/floodprotection.

PROJECT UPDATES

Reservoir Cell 1 upgrades were completed in 2021. These upgrades included the installation of a waterproof membrane on the roof, and interior structural upgrades. The work was completed to extend the life of the tank. In June we completed landscaping, including changing the slope and vegetation to support flood mitigation at the plant.

Lead management strategy – In 2019, Health Canada recognized the serious health impacts of lead by lowering the maximum allowable concentration in drinking water. While there is no lead in drinking water when it leaves our treatment plants, lead can still leach from home fixtures and other plumbing surfaces.

EPCOR has developed a multi-pronged lead management strategy that includes controlling corrosion in water services, plumbing and fixtures. As part of this strategy, we are constructing special facilities where we will add orthophosphate to the treated water at both the E.L. Smith and Rossdale water treatment plants. While this work is happening entirely within our sites, residents may notice noise, traffic and other impacts typical to construction.

The new facilities are expected to be in service by early 2023. To learn more, [visit epcor.com/ortho](https://epcor.com/ortho).

Rossdale Substation Cable Termination Replacement – Starting August 29 for approximately two weeks, we will be repairing a high voltage cable termination inside the Rossdale Substation. The substation converts electricity from high voltage power lines (transmission lines/cables) to lower voltages that can be distributed to homes and businesses in the area. A cable termination is the point where a transmission line/cable starts or ends. The repair will create noise typical to construction. Work hours will be Monday to Friday from 7:30 a.m. to 5:00 p.m.; however, occasional evening and weekend work may be required.

CONTRIBUTING TO THE COMMUNITY

Annual community cleanup

On June 9, plant staff cleaned up the area around the plant to contribute to keeping Edmonton's River Valley safe, clean and attractive. We picked up litter and made note of graffiti that needs to be cleaned up by the City.

Bringing ceremony back to Rossdale

As a company that operates across North America, we respectfully acknowledge that our work takes place on the territory and traditional lands of many Indigenous Peoples. As EPCOR learns from its history and experiences, and from others with different perspectives, a shift is occurring. EPCOR is declaring our commitment to recognizing and respecting the rights, traditions and worldviews of Indigenous Peoples, and learning from and collaborating with them.

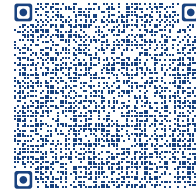
In June 2022, EPCOR invited members of 32 Indigenous Nations to participate in ceremony at the Rossdale Utilities site. The event included a pipe ceremony to acknowledge our shared history and commitment to honour those who lived and gathered at Rossdale. EPCOR values Indigenous perspectives and strives to listen authentically and respond genuinely to the interests of Indigenous Peoples as they relate to EPCOR's operations. More ceremonies are now being planned as part of our ongoing engagement with Nations.

VEGETATION MANAGEMENT PLAN

EPCOR's Edmonton water and wastewater treatment plants are all situated in the river valley, within the Ribbon of Green. As we complete projects in this region, we have a unique opportunity to improve the environmental quality of areas within our plant fence lines.

To realize these improvements, we have begun to develop a vegetation management plan to improve overall ecological structure and function by initiating habitat restoration on our sites. The initiation phase will involve mapping current vegetation at each site and outlining a plan to increase natural areas as part of long-term planning. This could include wildflower/pollinator gardens, developing a diverse undergrowth and forest succession strategy around already treed areas, and planting more trees to support city-wide goals toward improving the urban forest. Watch for more information as this plan develops.

Use the QR code to read more and sign up for email updates about the Rossdale water treatment plant.



LET'S TALK

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