

PROJECT UPDATE

Lauderdale Flood Mitigation Project

JUNE 2024

PROJECT OVERVIEW

The Lauderdale Flood Mitigation Project has been initiated to lower the risk of flooding in Lauderdale and the surrounding neighbourhoods.

Stormwater management facilities, like dry ponds and low impact development, are built to catch excess water runoff during heavy storms and when snow melts. Stormwater management facilities play a big role in keeping our neighbourhoods safe from flooding.

There is no stormwater management facility in the Lauderdale neighbourhood and the current surface drainage system is not sufficient. There are several areas in this neighbourhood at lower elevation where water pools, putting the Lauderdale community at risk of flooding during storms.

To reduce the risk of flooding, EPCOR is constructing a dry pond in the Grand Trunk Off-Leash Dog Park and upgrading the drainage infrastructure across the neighbourhood. Dry ponds are green spaces that temporarily hold excess water during severe storms to help protect residents and businesses from flooding. The stormwater drains from the dry pond into the drainage system when there is capacity. **Dry ponds are dry the vast majority of the time.**

The Lauderdale Flood Mitigation project is in the planning phase and is part of EPCOR's Stormwater Integrated Resource Plan (SIRP) to reduce the risk of flooding in Edmonton neighbourhoods. SIRP is funded in part by the Government of Canada's Disaster Mitigation and Adaptation Fund.

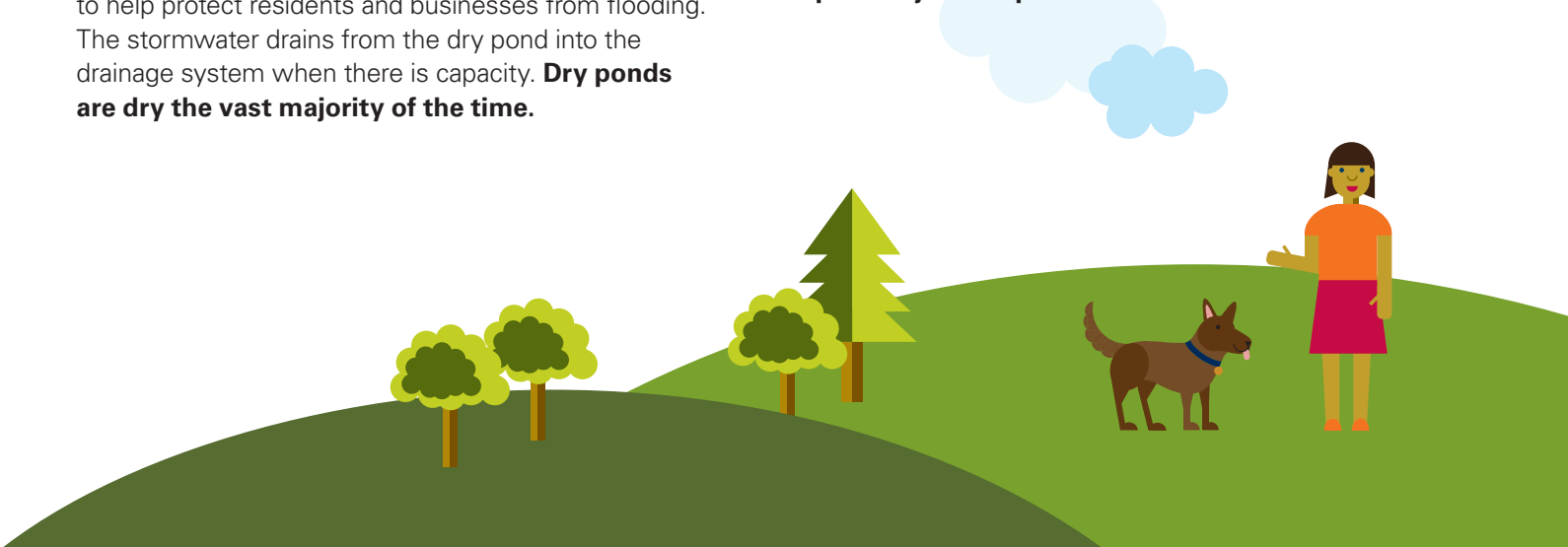
Once construction is complete, the City of Edmonton takes over responsibility for maintenance of the dry pond surface, vegetation and amenities. EPCOR maintains the underground drainage infrastructure.

PROJECT SCHEDULE

Overall construction will tentatively be from 2024 to 2028. Construction of manholes and sewers has been initiated and construction of the dry pond (within the dog park) and other sewer upgrades is tentatively planned to start in 2025, continuing through 2027.

PROJECT UPDATES

If you would like to receive updates on the Lauderdale Flood Mitigation Project, including opportunities to provide feedback, please send your email address to **EpcorProjects@epcor.com**.



COMMUNITY ENGAGEMENT

In 2022, EPCOR hosted public information sessions and surveyed residents and dog park users to collect feedback on the Lauderdale Flood Mitigation project. During this engagement, EPCOR heard from over 200 people and their input helped us come up with the layout we are showing you now. The proposed layout has also been reviewed by the City of Edmonton to make sure what we are suggesting is technically feasible for future upkeep and maintenance.

WHAT WE HEARD

People told us how important this space is as a community hub, and how well-used and important the dog park is for dogs to play and socialize. The amenities ranked the highest by respondents were: additional trees, garbage cans, benches and places to socialize, and poop bag dispensers. A paved trail, better lighting, and washrooms were also suggested.

WHAT WE ARE DOING

The proposed layout includes benches, picnic tables, garbage cans, poop bag stations, sun/wind shelters, community notice boards throughout the park, a paved path, and lighting. While construction may require the replacement, relocation, and removal of some trees, we will be adding over 100 trees to the park. These enhancements will contribute to improving the Grand Trunk Off-Leash area as a place to socialize with your dogs and other people in the community.

We are also exploring the possibility of adding permanent washrooms in the park. We are doing a feasibility study to establish overall costs, construction feasibility, and operational aspects of adding washrooms. This would require final approval by the City of Edmonton.

If you want to provide further feedback on these enhancements to the dog park, we invite you to attend the information session, or complete our online survey.

WHAT YOU CAN DO

We want to hear from people and businesses in the communities where we operate. Your input is an important part of our decision-making process. We know how important the Grand Trunk Off-Leash Dog Park is to the Lauderdale community. As we continue to develop the Lauderdale flood mitigation project, we will consider your feedback and the impact on the community.

We want your feedback on the proposed design that we've shared in this newsletter. We appreciate your involvement in this process.

After reviewing all the community input, the City of Edmonton will make the final decisions on the layout and amenities.

HOW CAN YOU GET INVOLVED?

Here are some ways that you can learn more about the project and share your feedback:

In-Person Information Session

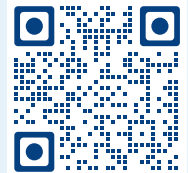
Date: June 17, 2024 from 5pm to 8pm

Location: Calder Community League,
12721 120 Street NW, Edmonton

Online Survey

Date: June 1 to 28, 2024

To learn more please visit
epcor.com/Lauderdale



Contact Us

Phone: 780-412-4200

E-mail: EpcorProjects@epcor.com

As part of the Lauderdale Flood Mitigation Project, a large area of the green space in the Grand Trunk Off-Leash Dog Park will be used during the construction of the dry pond. Residents and dog owners will still be able to access the park, but areas under construction will be fenced off for safety. The fence around the outside of the off-leash dog park will stay in place. Once construction and landscaping have been completed, the Grand Trunk Off-Leash Dog Park will return to its existing size and the dry pond area will be used as part of the fenced dog park.

PROPOSED LAYOUT



DID YOU KNOW?

This is what a typical dry pond can look like.

This dry pond was built in the park next to Steinhauer School (10717 32A Avenue) in 2021. Originally, the park had three soccer fields (U7, U11, U13) and a baseball diamond. As part of the dry pond engagement process, EPCOR talked to the community about their priorities for recreation in the area. Construction of this dry pond is complete and the site now has three different sized soccer fields (U7, U9 and U11) and a baseball diamond.



- 1 DRY PONDS ARE MOSTLY DRY:** These stormwater management facilities are designed to stay dry most of the time.
- 2 COMMON IN SCHOOL YARDS:** Many dry ponds in Edmonton are found in school yards and include recreational facilities like soccer fields and baseball diamonds.
- 3 EDMONTON HAS 79 DRY PONDS:** The city has 79 dry ponds; three of these are off-leash dog parks, in Tweddle Place, Satoo, and Meyonohk neighbourhoods.
- 4 QUICK WATER DRAINAGE:** Water collected in a dry pond often drains within one to three hours after heavy rainfall.
- 5 ACTIVATED BY SEVERE RAINFALL:** Dry ponds start collecting stormwater during severe rainfall when the drainage system cannot handle the water volumes.
- 6 BUILDING TAKES TIME:** Constructing a dry pond, including restoration, can take one to two years, depending on its size.
- 7 GENTLY SLOPED SIDES:** Dry ponds have sides that slope gently, rising one foot for every five to seven feet of horizontal distance.
- 8 SAFE FOR PETS:** Dry ponds have inlet and outlet grates for drainage and are designed to be safe for pets and small animals.

After construction is completed and landscaping is established, the Grand Trunk Off-Leash Dog Park will go back to its existing size. The dry pond area will go back to being a fenced dog park, with improved amenities. These improvements will be based on what the community and park users suggest, with the final decision made by the City of Edmonton.

MORE INFORMATION

EPCOR Water Services

Phone: 780-412-4200

Email: EpcorProjects@epcor.com

This project is funded in part by the Government of Canada.

