

CONSTRUCTION NOTICE

Stormwater Management Facility Improvements Graydon Hill

APRIL 2025

PROJECT OVERVIEW

EPCOR is responsible for the maintenance of the drainage infrastructure in Edmonton.

As part of the integrated drainage system, stormwater management facilities have several roles. They reduce the risk of neighborhood flooding by managing runoff from the neighbourhoods and improve water quality by filtering pollutants that flush off streets and yards. This reduces contaminants from entering our creeks and river.

Starting at the end of April, EPCOR will be completing an improvement project at the stormwater management facility located in the Graydon Hill neighbourhood.

WHAT'S HAPPENING

Phase 1: Installation of power panel and monitoring equipment

Starting at the end of April 2025, for approximately two weeks, EPCOR will be installing monitoring equipment to measure the water levels at the stormwater management facility. The data collected from the equipment will allow us to make informed decisions on the maintenance and planning of the system.

As part of this project, a control panel will be installed in the area marked in orange on the map (last page). To connect the control panel to power, we will be installing an underground power cable from a nearby transformer box using a directional drill.

In order to ensure we are not impacting nearby services, we will be hydrovacating holes to expose the underground utility crossings, prior to the directional drilling. The drilling and underground cable installation will take approximately eight to nine days to complete.

Residents may experience general noise from the hydrovacating and directional drill that will be used as well as the sound of equipment on site.

TRAFFIC IMPACTS

Residents can expect street parking to be limited in the work areas during this time.

PEDESTRIAN IMPACTS

There may be temporary periodic impacts to the nearby trail and sidewalks as equipment will be used to transport materials to the site.



Example of a control box that will be mounted near the existing concrete structure

WHAT'S HAPPENING

Phase 2: Aeration system installation

Starting mid-June 2025 for approximately one month, EPCOR will begin construction activities to help reduce the excessive duckweed growth at the Graydon Hill stormwater management facility. Duckweed is a native, free-floating plant that can be seen on the surface, and is a bright, vibrant green. Excessive duckweed growth can impact the facilities water circulation and appearance.

To help mitigate this issue, EPCOR will be installing an aeration system in the facility with submerged hoses to introduce compressed air and improve water circulation.

An aeration system consists of a compressor and submerged discs (bubblers) and hoses that will be installed at the bottom of the pond which will help introduce more oxygen. This will help to improve the overall water quality of the stormwater management facility and reduce odours. In order for the system to function properly, a power source and compressor will be installed near by.

WHAT TO EXPECT

- The aeration system will produce constant bubbles in the stormwater management facility.
- It is important to note that the installation of the aeration system is designed to help mitigate the issue over time. Complete control of the duckweed growth will be very difficult to achieve as the facility is designed to mimic the natural wetland ecosystem.
- Residents will notice minimal noise while the compressor is in operation.

SCHEDULE

Construction is scheduled to begin **at the end of April 2025** and is expected to be completed by **mid- July 2025**. *Please note, these timelines are estimates and may change based on weather and construction conditions.*

Typical hours of operation will be from **8:00 a.m. to 7:00 p.m. Monday to Saturday**. If required, these hours may be extended, and construction may occur on Sundays from 9:00am to 7:00pm.

All affected landscaping, pavements and sidewalks will be restored to their original condition once the project is complete.

EPCOR works to limit noise associated with the construction, when possible. We will work to ensure that the construction is completed within the requirements of the City of Edmonton Noise Bylaw.

SAFETY

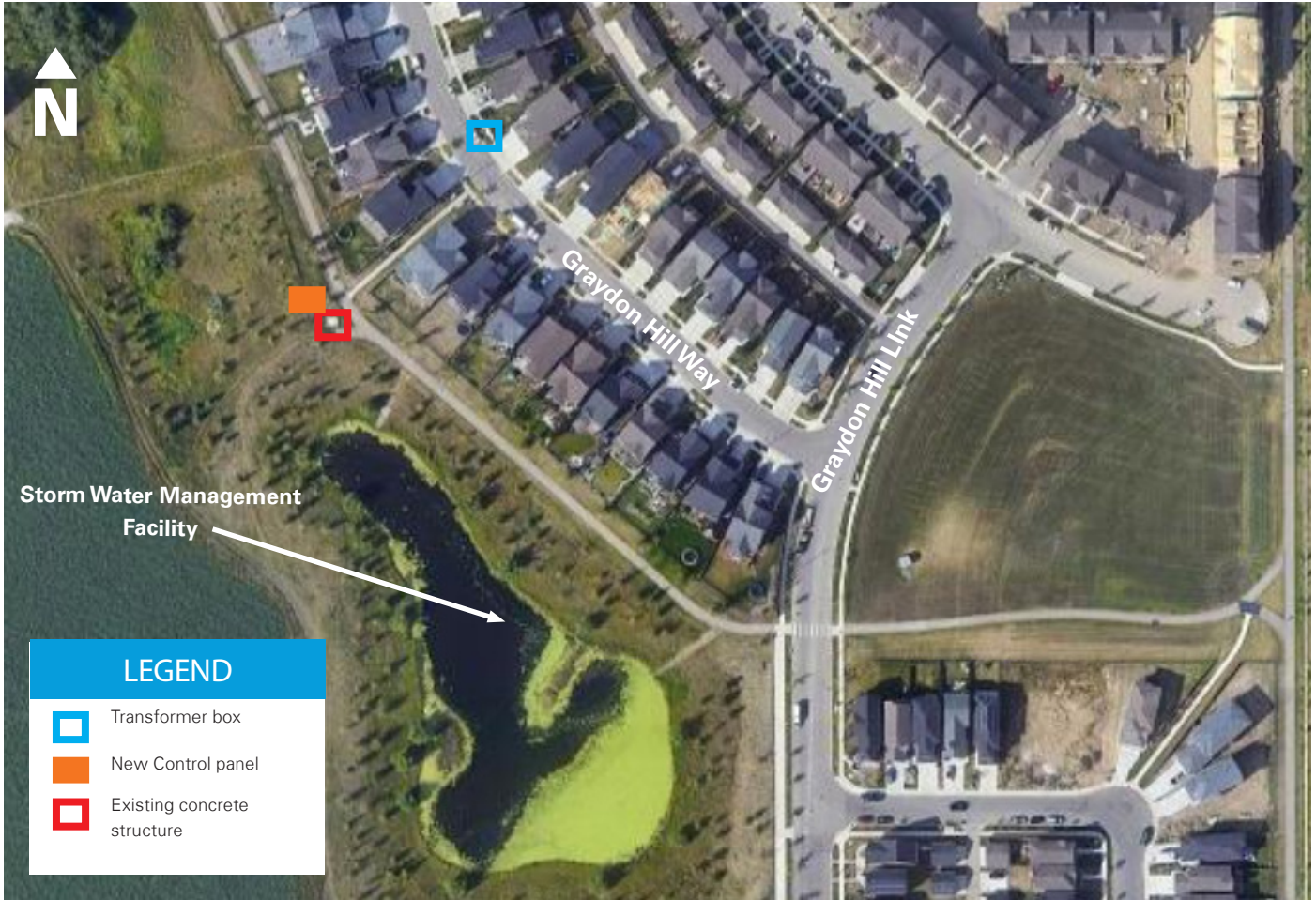
The construction area will be marked as a restricted area. We will take every precaution to ensure public safety, and we request your assistance in keeping children and pets a safe distance from the construction site and the equipment.

We thank you for your patience and understanding as we perform this necessary work.



Example of a similar power source & compressor that will be installed nearby.

MAP OF WORK AREAS



Graydon Hill storm water management facility



MORE INFORMATION

EPCOR Water Services

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