

# Discovery Ridge storm pond sediment removal

October 2024

## Project description

To reduce the risk of flooding in your community and improve stormwater treatment to protect the health of our rivers, we will be draining and removing sediment from the Discovery Ridge storm pond located south of Stoney Trail and east of Discovery Drive S.W. beginning mid-October 2024.

## Background

Storm ponds play an important role in your community. They help protect the health of our rivers by removing sediment, fertilizer, pesticides and other contaminants, as well as protect your community from flooding.

Since the Discovery Ridge storm pond was built in 1998 it has been accumulating sediment. The City conducted a sediment accumulation estimation and found the pond's cleaning and storage capacity has been reduced up to 60 per cent.

By removing the sediment, we will restore the treatment and full storage capacity of the pond, which is especially critical during intense storm events.

## Project timeline and steps

The project will begin in mid-October 2024 and is anticipated to end in mid-January 2025 (weather dependent). The work has been scheduled to avoid disrupting the habitat of nesting birds.

The project will follow the steps outlined below:

- For safety, fencing will be placed at the temporary accesses to the pond. Notification signage will be installed along the pathway.
- Once the pond has been partially drained, we'll begin excavating the sediment. The excavator will load the sediment into trucks and haul sediment away. Traffic control signage will be in place to ensure public safety.
- Some odour may be noticeable from the pond as organic material is exposed to the air. This is normal and the odour will dissipate quickly.
- Residents may hear generator noise. The work will comply with the Community Standards Bylaw with respect to hours of operation and noise limits.
- Restoration of the pond will be performed in the first week of May 2025, weather permitting. This includes re-grading and replacement of the topsoil materials, pathway repairs (if damaged), and seeding.

## Project information

For more information on stormwater ponds visit [calgary.ca/stormponds](https://calgary.ca/stormponds). If you have questions or concerns regarding this project, please call 311.

# Project location and layout map

