



Copperfield storm pond sediment removal

October 2023

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 Copperfield stormwater pond beginning late October 2023.

Background

Storm ponds play an important role in your community helping protect our rivers by removing sediment, fertilizer, pesticides, and other pollutants, as well as protecting your community from flooding.

Since the Copperfield pond was built in 2001 it has been accumulating sediment. Last fall, we reduced water levels in the pond and found it had accumulated a significant amount of sediment, affecting its cleaning and storage capacity. By removing the sediment, we will reduce environmental impacts downstream and restore the treatment and storage capacity of the pond, which is especially critical during intense storm events.

Project timeline and impacts

The project will begin at the end of October and is anticipated to be completed in mid-December 2023 (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 around the perimeter of the pond. Pathway closure and detour signage will be installed.
- 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 2024, weather permitting. This includes re-grading and replacement of the topsoil materials, sidewalks repairs (if damaged), and seeding.

Project information

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

Project location and layout map

