

Hidden Valley stormwater pond sediment removal (4WPA)

November 2020

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 clearing out sediment from the Hidden Valley stormwater pond beginning mid-December, 2020 through the mid-April, 2021.

Project description

During a rainfall, water runs over rooftops, driveways, lawns, streets and sidewalks. This stormwater collects dirt, gravel and other pollutants along the way, before entering a storm drain where storm pipes are waiting to direct it to a storm pond. The storm pond collects and holds the stormwater, allowing the dirt and other pollutants it collected to separate and settle to the bottom of the pond, helping return cleaner water to our rivers and streams.

Since the Hidden Valley pond (4WPA) was built in 1981, it has been accumulating sediment. In 2016, The City conducted a sediment survey of the pond and found:

- the pond's cleaning and storage capacity has been reduced up to 48%;
- the inlet pipe is half full of sediment, reducing its ability to transport water.

Project timeline and steps

The project will begin mid-December 2020 and is anticipated to end in mid-April 2021 (weather dependent). The work has been scheduled to avoid disrupting the habitat of nesting birds. The project will follow the steps outlined below:

- We will begin draining the pond around December 15, 2020, and continue work for approximately three and a half months.
- Fencing will be placed around the perimeter of proposed temporary accesses to the pond for safety.
- The south pathway and the northwest pathway will be used for the project. Pathway closure and detour signage will be installed to inform and direct the public during the closure.
- Once the pond has been partially drained, we'll begin excavating the sediment. The excavator will load sediment out from the stockpile into trucking units to haul sediment out.
- From the beginning of February 2021 to the end of March 2021, trucks will be entering and leaving the pond on a regular basis. 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.

Project information

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

Project location and layout map

