

Saddle Ridge stormwater pond sediment removal

February 2019

Project description

Stormwater washes away from rooftops, driveways, lawns, streets and sidewalks and through communities into storm drains, collecting dirt, gravel and other pollutants along the way. Storm ponds capture and hold stormwater, slowing its flow down long enough to settle out sediments and pollutants, helping return cleaner water to our rivers and streams.

The Saddle Ridge stormwater pond was built in 1999 to control the flow and improve the quality of the surface water runoff. The pond consists of 3 main cells and 3 sedimentation forebays. For the past 19 years, the Saddle Ridge stormwater pond has been working well, and accumulating sediment which now needs to be removed.

In 2018, The City conducted the sediment survey of the pond and found that the forebays cleaning capacity has been reduced by 70%. The removal of sediment from the Saddle Ridge stormwater pond will reduce environmental impacts downstream, and restore the treatment capacity, which is especially critical during intense storm events.

Project timelines and impacts

This work will take place February – May 2019 so that the pond is operational in the spring. The City will remove sediment from the stormwater pond and restore the shorelines and banks impacted by the project. The project will follow the steps outlined below:

- The dewatering process for the forebays will begin in late of February 2019. This process will take approximately 21 days. Residents may notice water levels beginning to lower over this time. They may notice some odours from the pond as organic material is exposed to the air. Those smells are normal and will dissipate quickly.
- Protective fencing will be placed around the work areas. For public safety, portions of the pathways will be closed for the duration of the sediment removal.
- Phase 1 sediment removal will take approximately 2 weeks and will be conducted in the last two weeks on March, weather pending.
- Phase 2 sediment removal will take approximately one week and will be performed in the first week of April, weather pending.
- The site restoration will be performed in the first week of May.
- From February to May, residents can expect to see trucks entering and leaving the site on a regular basis. Traffic control signage will be in place to ensure the safety of people.
- This work has been coordinated with The City of Calgary - Parks' *Naturalization initiative*.
- The work on site will comply with the *Community Standards Bylaw* with respect to hours of operation and noise limits.
- A project map has been provided on the following page.

Project location and layout map



Project information

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