

# City of Saskatoon Climate Adaptation Projects

## Storm Water Systems

| Project  | Locations  |
|--|--|
| <p><b>Dry Ponds for Flood Control</b></p> <p>The City of Saskatoon received funding through Canada's Disaster Mitigation and Adaptation Fund to implement a nine-year Flood Control Strategy. This work includes dry ponds and stormwater storage to reduce flood risk in Saskatoon's most flood-prone areas. Three dry ponds are completed and work is ongoing at three other sites.</p> <p>A dry stormwater pond temporarily holds rain water during intense rain events. The water is stored in the pond temporarily before it drains back into the underground pipe system. Most of the time the dry pond will not hold any water and can be used as park space.</p> | <p>① W.W. Ashley Park, 814 2<sup>nd</sup> St E</p> <p>② Churchill Park, 1015 Wilson Cres</p> <p>③ Weaver Park, 38 Eastlake Ave</p> |
| <p><b>Kensington Floating Wetlands</b></p> <p>In 2024, floating treatment wetlands were installed in the Kensington stormwater pond. Floating treatment wetlands are floating gardens for plants that normally grow in shallow water. They filter out pollutants and nutrients, reduce greenhouse gas emissions, control algae, reduce sediments to improve water quality, and provide a home for wildlife and pollinators.</p> <p>The stormwater pond water will be tested annually for five years to track the effect of the floating treatment wetlands on water quality.</p>   | <p>④ 33<sup>rd</sup> St W and Elk Point Road</p>   |

## Natural Infrastructure & Community Space

| Project   | Locations  |
|---|--|
| <p><b>Aspen Ridge Greenway Landscaping</b></p> <p>The kīwētin Greenway is a naturalized multipurpose corridor that balances human use with nature. Natural Infrastructure Funding supported enhancement of the buffer area between residential development and the Northeast Swale through the inclusion of trees, shrubs, native and drought tolerant plants, as well as nature lookout spaces and interpretive signage.</p>   | <p>⑤ Aspen Ridge Neighbourhood: kīwētin Greenway. Access at Stryjek Park, 655 Bolstad Turn</p> |
| <p><b>20<sup>th</sup> Street Streetscaping</b></p> <p>This project received Natural Infrastructure Funding to redesign the streetscape on 20<sup>th</sup> Street East between Idylwyld Drive and 2<sup>nd</sup> Avenue East to include new trees and plantings supported by structural soil cells, stormwater capture, and irrigation, as well as a narrowing of traffic lanes, expansion of sidewalks, revised traffic pattern, improved drainage, enhanced pedestrian connectivity, seating, bike parking, and pedestrian lighting.</p> | <p>⑥ 20<sup>th</sup> Street from Idylwyld Dr to 2<sup>nd</sup> Ave</p>                         |

| Project  | Locations   |
|--|---|
| <p><b>Lower-Flow and Misting Nozzle Improvements</b></p> <p>The spray pad in Stonebridge is among the newest and highest water consuming spray pads in Saskatoon. In 2024, this site was upgraded with lower-flow and misting nozzles. Results of this pilot project showed replacing 1/3 of the original spray nozzles helped save 18% water compared to the site's average water use in 2021-23. The remaining nozzles will be upgraded in 2025.</p> <p>Spray pads help the community stay cool during extreme heat. In 2025-2027, along with water conservation upgrades, shade structures, water fountains, and misting stations will be installed at six spray pads and paddling pools. This work is funded by Canada's Local Leadership in Climate Adaptation initiative and a City of Saskatoon Green Loan to be paid back with water bill savings.</p> | <p>⑦ Alexander MacGillivray Young Park, 155 Stonebridge Common</p> <p>Other spray pad sites close to the conference venue:</p> <ul style="list-style-type: none"> <li>• ⑧ River Landing, 110 Spadina Crescent E)</li> <li>• ⑨ Kinsmen Park, 619 25<sup>th</sup> St E</li> </ul> |
| <p><b>Custom-Designed Nozzle Improvements</b></p> <p>The spray pad in Briarwood is among the oldest in Saskatoon. Being an older facility, there were no latest nozzles available for upgrade, so this site was upgraded with custom lower-flow nozzles.</p> <p>Results of this pilot showed replacing all possible original spray nozzles with these custom lower-flow nozzles helped save 71% water compared to average water use at this site in 2021-23.</p>   | <p>⑩ Briarwood Park, 1015 Briarwood Road</p>  |

