

Background and Previous Council Direction

Background

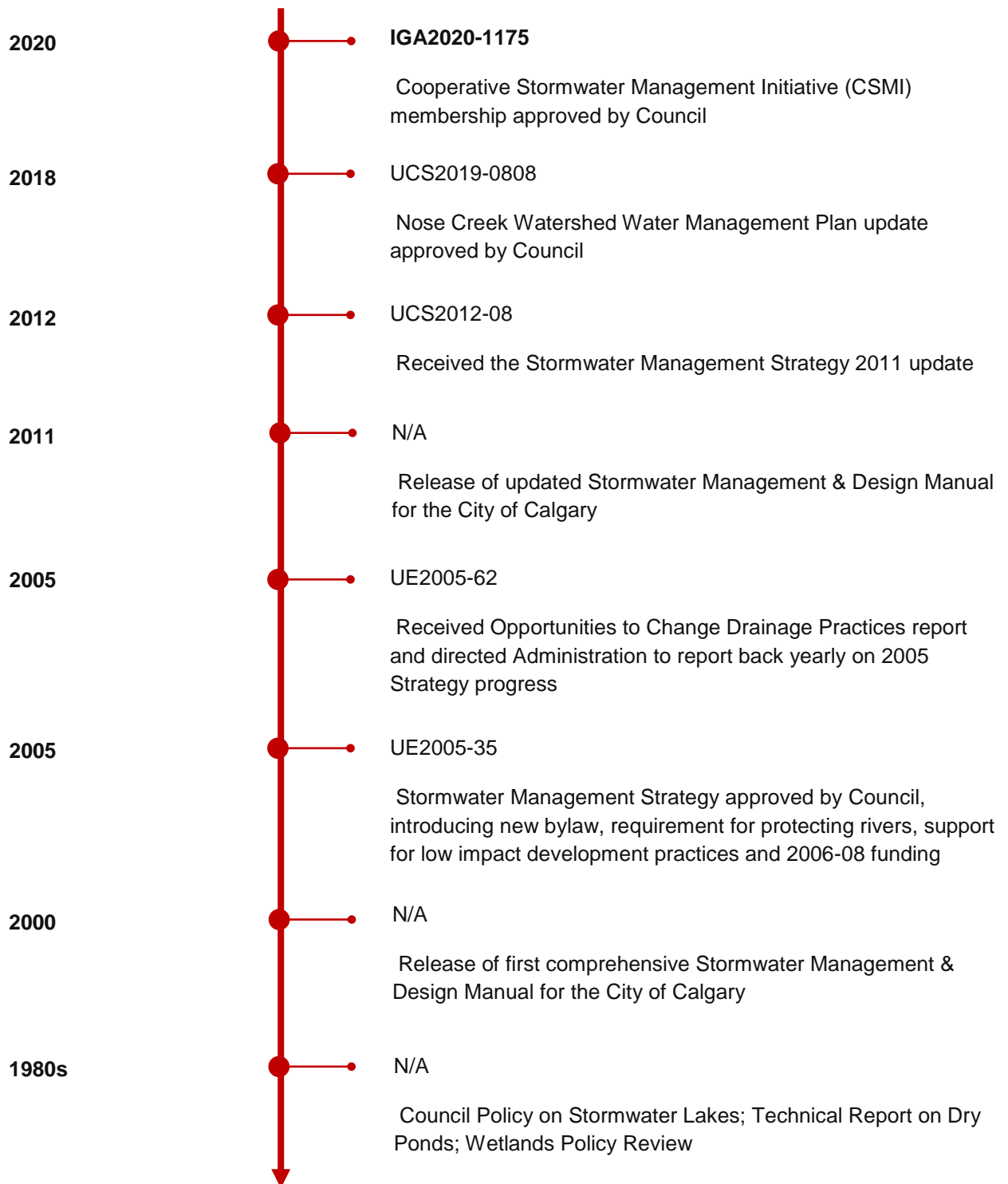
Accommodating runoff from rainfall and snowmelt, or “stormwater”, is a key component of watershed management, city building and service delivery. Since approval of the first Stormwater Management Strategy in 2005, Calgary has grown and intensified significantly, while customer expectations and management considerations have evolved.

In 2018, the Stormwater Management Service Team was formed to steward the delivery of the highly regulated, essential, and public health focused service that protects Calgary from flooding and ensures our drinking water source and watersheds are healthy by working with Calgarians and partners. Recognizing that stormwater management is fundamentally integral to land use planning and development, and presented by a multitude of challenges, the Team has set forth to update the outdated 2005 Stormwater Strategy, now proposed as the 2023 Stormwater Management Strategy.

Previous Council Direction

Previous Council Direction is outlined in a timeline in Figure 1.

Figure 1: Timeline - Stormwater Management Decisions at the City of Calgary



Bylaws, Regulations, Council Policies

Calgary Plan, Land Use Bylaw and Floodplain Regulation Updates

2023-24: In progress; incorporating Provincial regulatory Flood Hazard Area maps update

Code of Practice for Erosion and Sediment Control

2023: The Code of Practice for Erosion and Sediment Control came into effect in May 2023 as per the requirements outlined in Stormwater Bylaw 37M2005 Section 15 (3) (d).

Stormwater Rate Fees Amendment

2023 Amendment 35M2022 for business cycle 2023-26

Municipal Development Plan Update

2022 Amendment 36P2022: Section 3.7.1, Section 3.7.2 regarding land use

Council Declares a Climate Emergency

2021: Calls for the city to accelerate its emissions reduction targets to net zero by 2050, collaborate and engage with First Nations communities, and develop a carbon budget to guide future council decisions.

Bylaw 37M2005 Renamed to the Stormwater Bylaw

Amendment 41M2021 to Bylaw 37M2005: Language revisions for improved enforceability of the Bylaw

Municipal Development Plan (MDP) - 2020

Approved - 2021, February

Council Approval of the Source Water Protection Policy (CP2020-04)

USC2020-1007 Adopted by City Council and directs Administration and Council to integrate source water protection into city and regional planning and development. Source Water Protection Plan (2018) and the Riparian Action Program (2017) are the two key implementation plans under the Policy.

2019 Renewed EPEA Wastewater Operating Approval

Approval conditions set by the Province (AEPA) maintained loading levels of key stormwater parameters (TSS, TP).

Drainage Bylaw Amendments

UCS2015-0078: Proposed Bylaw 7M2015 adopted to amended Bylaw 37M2005, the Drainage Bylaw.

MDP and Land Use Bylaw Updates

2014 Update

Flood Recovery Task Force Update Report and Centre City Levy Update

PFC2014-0670 + PFC2014-0662: Drainage Cost of Service Study, UCS2014-0612

South Saskatchewan River Basin Water Management Plan

2006: Provincial guidance to decision makers and act as a foundation for future watershed management planning of sub-basins in the South Saskatchewan River Basin by watershed planning and advisory councils, as well as stewardship groups.

Drainage Bylaw Review

C2005-56: Drainage Bylaw 26M98 is required to provide protection of City infrastructure, City workers, the general public, and manage the City's environmental liability with respect to water quality within the City of Calgary.