

Environment and Climate Change
Environmental Stewardship Division
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Attention: Yvonne Hawryliuk, MSc, Director

RE: COMBINED SEWER OVERFLOW (CSO) 2024 ANNUAL REPORT

Further to your December 24, 2025 letter, below are the clarifications requested related to the 2024 Combined Sewer Overflow (CSO) Annual Report.

Financial planning is based on city-only funding scenario. Has the City requested funding from other levels of government to meet the 2045 deadline?

The City's current funding strategy is based on a typical annual investment of \$30 million, escalated annually from 2029. Along with an additional \$60 million in funding between 2024 and 2027, this is estimated to accumulate nearly sufficient funds to match the class 5 estimate of \$1.15 billion by 2045. Funding is adjusted annually as part of the Capital Budget process and is based on anticipated contracts for the coming years. Funds will continue to be adjusted to meet the provincial deadline.

To date, there have been no federal or provincial funding programs available to the City for support on the CSO program. The City will continue to seek external funding sources to limit the impact of this critical work on rate payers.

Can the City provide more details on the pilots for green infrastructure and floatable management, as well as the schedule of the feasibility study for the real time control system?

Green Infrastructure

- Green infrastructure projects undertaken to date include the John Hirsh Place reconstruction in the North East Exchange District and the Parker Storm Retention Basin.
 - An engineering study in the North East Exchange District was conducted in 2017. Construction involved using a soil retention green technology called Strata cells for the reconstruction of John Hirsh Place. This technology increases water retention and storage, added trees and urban canopy, and improved drought resilience. The 2022 flow monitoring data showed a delay in runoff response from the catchment, which aligns with expected performance.
 - The Parker Storm Retention Basin was constructed as a part of the Cockburn Combined Sewer Separation works. Located north of the South West Transitway, east of Beaumont Street and west of Rockman Street, it stores stormwater and reduces combined sewer overflows in the sewer district. This also resulted in significant cost savings by allowing the large land drainage trunk sewer to be downsized.
- Green infrastructure solutions are also being incorporated into a number of ongoing combined sewer separation projects.
 - In the Armstrong Sewer Separation project, which is moving to construction in the third quarter of 2026, the proposed solutions include the construction of a new bioretention facility located north of Leila Avenue and west of McGregor Street, as well as green streetscapes along Leila Avenue.
 - In the Cockburn East Sewer Separation works, two solutions are moving to the detailed design phase. Both incorporate rain garden and bioswale components.
 - The Mission and Roland Sewer Separation preliminary design will identify and evaluate a variety of green infrastructure opportunities. Up to six potential green infrastructure solutions will be progressed to a preliminary design level of detail.

- Green infrastructure solutions will continue to be explored as combined sewer district separation works are initiated and progress through design.

Floatable Management

- An allowance has been included in the District Engineering Plans for the Jessie, Polson, and Marion sewer districts to pilot the alternative floatable management approach. These districts are planned for the tail end of CSO implementation. Floatable management will be required where overflows can't be fully eliminated through sewer separation. Staging this work later in the program after key separation works have been completed allows us to align it with other related investments, such as Real-Time Control, additional sewer storage, and mechanical controls.

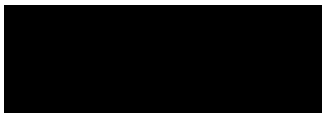
Real-Time Control

- The work related to Real-Time Control will commence with the West End Real-Time Control Feasibility Study. The work will involve hiring a consultant to create and evaluate a real-time control plan for future program implementation. A Request for Proposal will be posted in Q1 2027; the feasibility study is expected to take 3 to 5 years to complete.
- In addition to the larger feasibility study, real-time control opportunities are assessed as a part of a district's preliminary design process. Solutions identified in the Cockburn East Sewer Separation preliminary design are being progressed for future implementation.

The items above will be included in the upcoming 2025 CSO Annual Report.

Should you have any questions, please contact Mikhaela Solis at msolis@winnipeg.ca or 204-619-2458.

Sincerely,



Cynthia Wiebe, P.Eng., CAMP
Manager of Engineering

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