

From: ["Mochrie, Paul" <Paul.Mochrie@vancouver.ca>](mailto:Paul.Mochrie@vancouver.ca)

To: ["Direct to Mayor and Council - DL"](#)

Date: 1/21/2025 6:06:09 PM

Subject: Memo – Summary of Grant Funded One Water Projects in the 2023-2026 Capital Plan

Attachments: [Memo to Mayor and Council - One Water Grant Funding - GM signed. pdf](#)

Dear Mayor and Council,

Below is a summary of the key accomplishments achieved to date with these grant and City funded projects:

- Replaced 4.5 km of existing combined sewers in the Cassiar South neighbourhood to eliminate Combined Sewer Overflows (CSOs) into the Cassiar Outfall, Vancouver's second most active CSO location.
- Replaced the Fraser Street Outfall to protect against flooding of buildings and infrastructure in the Fraser River floodplain, the City's highest priority area for coastal flood management.
- Constructed 146 new Green Rainwater Infrastructure assets that manage over 40 hectares of drainage area by capturing and treating urban rainwater runoff.
- Added 200 new trees to the urban forest and canopy, supporting urban cooling, carbon sequestration, and rainwater management.

For further details, please refer to the link provided in the memo. If you have any further questions, please contact Lon LaClaire at 604-873-7336 or lon.laclaire@vancouver.ca.

Best,

Paul

Paul Mochrie (he/him)

City Manager

City of Vancouver

paul.mochrie@vancouver.ca



The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), and səlilwətaʔ (Tsleil-Waututh) Nations.



ENGINEERING SERVICES
 Lon LaClaire, M.Eng., P.Eng.
 City Engineer/General Manager

MEMORANDUM

January 21, 2025

TO: Vancouver City Council

CC: Paul Mochrie, City Manager
 Armin Amrolia, Deputy City Manager
 Karen Levitt, Deputy City Manager
 Sandra Singh, Deputy City Manager
 Katrina Leckovic, City Clerk
 Maria Pontikis, Chief Communications Officer, CEC
 Teresa Jong, Administration Services Manager, City Manager's Office
 Mellisa Morphy, Director of Policy, Mayor's Office
 Trevor Ford, Chief of Staff, Mayor's Office

FROM: Lon LaClaire
 General Manager, Engineering Services

SUBJECT: Summary of Grant funded One Water Projects in the 2023-2026 Capital Plan

RTS #: N/A

This memo is in response to a Council request for a summary of grant funded One Water projects. One Water is the City of Vancouver's integrated approach to water management, which recognizes value in the interconnected types of water: drinking water, rainwater, wastewater, groundwater, and waterbodies.

City departments look for opportunities to leverage external funding to address current and future drinking water demands, manage flooding, protect groundwater, and collect and treat polluted rainwater and wastewater, in cost-effective ways that benefit the community and the environment. We seek funding from both federal and provincial governments as well as other organizations. Within the 2023-2026 Capital Plan, these projects have leveraged \$36,692,000 in grant funding from a variety of federal and provincial agencies. With this support we have:

- Replaced 4.5 km of existing combined sewers in the Cassiar South neighbourhood to eliminate Combined Sewer Overflows (CSOs) into the Cassiar Outfall, Vancouver's second most active CSO location.
- Replaced the Fraser Street Outfall to protect against flooding of buildings and infrastructure in the Fraser River floodplain, the City's highest priority area for coastal flood management.

- Constructed 146 new Green Rainwater Infrastructure assets that manage over 40 hectares of drainage area by capturing and treating urban rainwater runoff.
- Added 200 new trees to the urban forest and canopy, supporting urban cooling, carbon sequestration, and rainwater management.

A detailed breakdown of the grants received for One Water projects along with project status, is shown in Appendix A.

Please contact me directly if you have any questions.

A handwritten signature in blue ink, appearing to read 'Lon LaClaire'.

Lon LaClaire, M.Eng., P.Eng.
General Manager, Engineering Services

604.873.7336 | lon.laclaire@vancouver.ca

Appendix A: Summary of grants received for One Water implementation projects 2023-2026

Grant	Funding source	Project	Grant Contribution	COV Contribution	Total Project Costs	Status
Natural Infrastructure Fund	Government of Canada – Ministry of Housing, Infrastructure and Communities Canada	Rain City Strategy Implementation (Tatlow Creek daylighting, St. George Rainway, Still Creek Enhancement projects, distributed GRI)	\$18,900,00	\$17,325,000	\$36,225,000	Ongoing, projected completion 2025
Investing in Canada Infrastructure – Green Infrastructure – Environmental Quality	Government of Canada – Ministry of Housing, Infrastructure and Communities Canada	Cassiar Sewer Separation and GI upgrades	\$15,000,000	\$20,000,000	\$35,000,000	Ongoing, projected completion 2026
Community Emergency Preparedness Fund 2023 Disaster Risk Reduction-Climate Adaptation stream	Union of BC Municipalities (UBCM)	Fraser Street Outfall Project	\$1,800,000	TBD. Any project costs above \$1.8 M will be covered through the capital plan	\$1,800,000	Ongoing, projected completion 2026
Community Emergency Preparedness Fund 2020 Structural Flood Mitigation Stream	Union of BC Municipalities (UBCM)	Southlands Tide Gates Replacement Project	\$750,000	\$ 0	\$750,000	Completed 2023
Community Revitalization Fund	Government of Canada	Woodland and E 2 nd Ave Green Rainwater Infrastructure	\$242,000	\$205,007	\$447,007	Completed 2023
Total			\$36,692,000	\$37,530,007	\$74,222,007	