

From: "Mochrie, Paul" <Paul.Mochrie@vancouver.ca>

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

Date: 9/16/2024 2:58:01 PM

Subject: ENG - Memo - Cambie Sheet Pile Wall Decommissioning & Crowe Street Outfall Replacement Update.

Attachments: ENG - Memo - Cambie Sheet Pile Wall Decommissioning and Crowe Street Outfall Replacement Update.pdf

Dear Mayor and Council,

Please see the attached Council Memo from Lon LaClaire regarding Cambie Sheet Pile Wall Decommissioning & Crowe Street Outfall Replacement Update. A short summary of the memo is as follows:

- Staff are developing conceptual designs and cost estimates to remove the deteriorating Cambie sheet pile wall and replace the Crowe Street outfall, which discharges into False Creek through the sheet pile wall;
- This work is expected to progress into Q4 2024, as there are a number of technical issues to be worked through;
- Actual removal of the structure is not likely to begin until 2026, due to the (often lengthy) Department of Fisheries and Ocean's permitting process;
- An emergency response plan has been created for a sheet pile wall failure scenario that would reinstate the outfall in case it becomes blocked with soil/debris.

If you have any questions, please feel free to contact Lon LaClaire at 604-873-7336 or lon.laclaire@vancouver.ca.

Best,
Paul

Paul Mochrie (he/him)
City Manager
City of Vancouver
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The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xw'kməy (Musqueam), Səwxwú7mesh (Squamish), and səlilwəta' (Tsleil-Waututh) Nations.



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

MEMORANDUM

September 12, 2024

TO: Mayor and 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: Cambie Sheet Pile Wall Decommissioning & Crowe Street Outfall Replacement Update

RTS #: N/A

This memo provides an update on the Cambie sheet pile wall & Crowe Street outfall located north of the seawall pathway and east of the Cambie St bridge (as illustrated in Figure 1 below.)

City staff are developing conceptual designs and cost estimates to remove the deteriorating Cambie sheet pile wall structure and replace the Crowe Street outfall, which discharges into False Creek through the sheet pile wall. This work is expected to progress into Q4 2024, as there are a number of technical issues to be worked through.

When a preferred design concept has been selected, the project team will proceed with detailed design for decommissioning of the sheet pile wall structure and replacement of the Crowe Street outfall. Construction is anticipated to begin in 2026, following the Department of Fisheries and Ocean's permitting process.

To ensure public safety until the sheet pile wall is decommissioned, the seawall pathway was realigned earlier this year. In addition, if further movement/failure of the sheet pile wall starts to affect the outfall, City staff are prepared to implement emergency response measures to maintain outfall operation.



Figure 1 – approximate location of the Cambie sheet pile wall and Crowe St outfall (highlighted in orange)

Please contact me directly if you have any questions.

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

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