

From: "Johnston, Sadhu" <Sadhu.Johnston@vancouver.ca>

To: "Direct to Mayor and Council - DL"

CC: "City Manager's Correspondence Group - DL"
"LaClaire, Lon" <lon.laclaire@vancouver.ca>

Date: 5/15/2020 12:03:51 PM

Subject: Memo - Quebec St Phase 3

Attachments: ENG - Memo to Mayor and Council - Quebec Phase 3 - NEU Mount Pleasant Ex...pdf

Dear Mayor and Council,

Please find attached memo from Lon LaClaire regarding the start of construction on the Mount Pleasant NEU Expansion project. A summary of the memo is outlined below:

- ☐ The Mount Pleasant NEU Expansion project starts construction May 19, 2020 and will be complete by October 2020.
- ☐ Construction will occur on Quebec Street between 3rd Ave and 6th Ave, including branches on 3rd Ave, 4th Ave and 6th Ave
- ☐ In February 2018, Council approved the expansion of the NEU into various areas, including Mount Pleasant along Quebec Street.
- ☐ Funding for the project is included in the current Capital Plan and approved for spending in 2020.

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

Best,
Sadhu

Sadhu Aufochs Johnston | City Manager
Office of the City Manager | City of Vancouver
604.873.7627 | sadhu.johnston@vancouver.ca

Pronouns: he, him, his



The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the Musqueam, Squamish, and Tsleil-Waututh peoples.

MEMORANDUM

May 15, 2020

TO: Mayor and Council

CC: Sadhu Johnston, City Manager
Paul Mochrie, Deputy City Manager
Karen Levitt, Deputy City Manager
Lynda Graves, Administration Services Manager, City Manager's Office
Rena Kendall-Craden, Civic Engagement and Communications Director
Rosemary Hagiwara, Acting City Clerk
Anita Zaenker, Chief of Staff, Mayor's Office
Neil Monckton, Chief of Staff, Mayor's Office
Alvin Singh, Communications Director, Mayor's Office
Karima Mulji, Director Engineering Project and Development Services
Donny Wong, Acting Director of the Integrated Strategy and Utilities Planning Division

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: Quebec St. Phase 3: NEU Mount Pleasant Expansion – Start of Construction

This memo is to update Mayor and Council on the planned construction scheduled to begin May 19th to build the Council approved expansion of the Neighbourhood Energy Utility on Quebec Street between 3rd Avenue and 6th Avenue, including legs down 3rd Avenue, 4th Avenue and 6th Avenue. Construction will be delivered by an external contractor with support from the City's Water Operations Branch acting as the Prime Contractor with completion anticipated in fall 2020.

Background

The City of Vancouver owns and operates the False Creek Neighbourhood Energy Utility (NEU). The NEU provides buildings in the False Creek area with thermal energy for heating and domestic hot water which is delivered from the False Creek Energy Centre through a buried distribution piping system (DPS).

The NEU began operation in 2010 and has rapidly expanded since then, currently servicing 35 buildings. Each year the system expands to connect new buildings as they are developed. In February 2018, City Council approved expansion of the utility into various areas, including Mount Pleasant along Quebec Street, as shown in Figure 1.

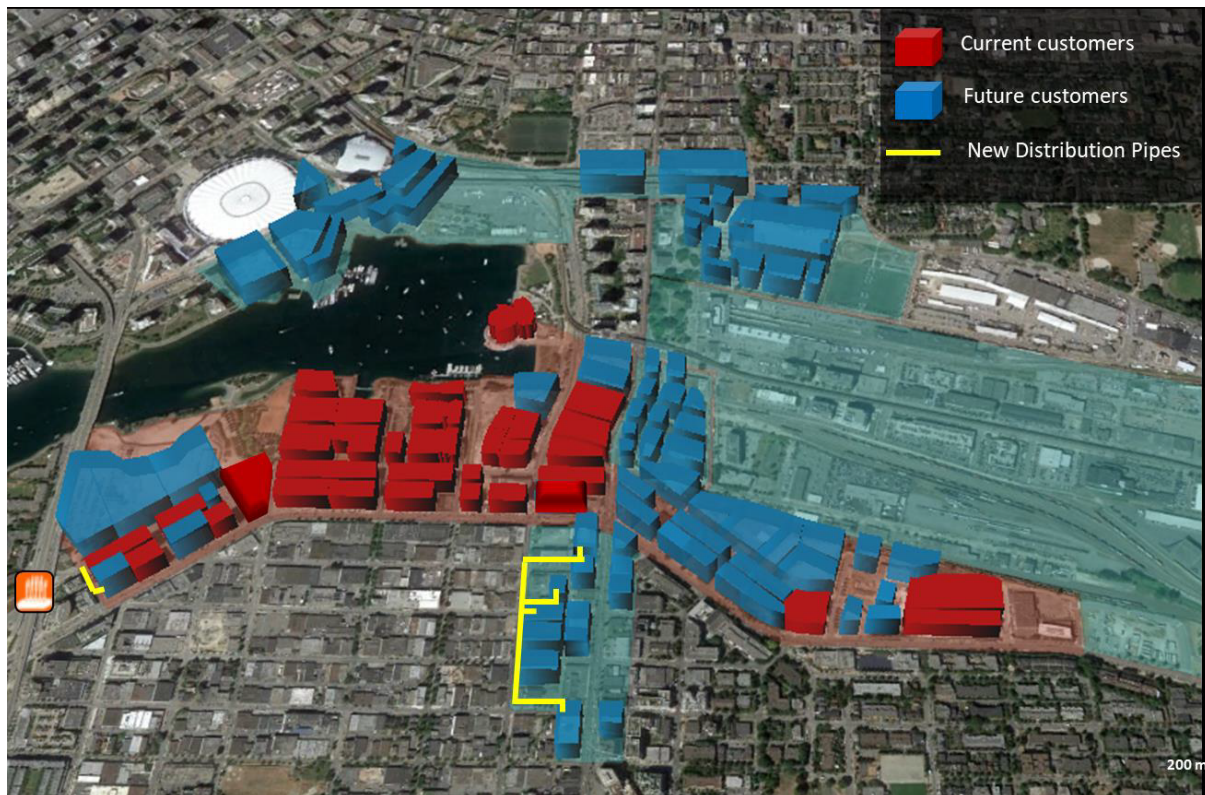


Figure 1

Earlier this year, staff tendered the project on BC Bid and received the low bid of \$1.1M by Division 15, a contractor well known to the City for their work on other NEU projects.

Project Benefits

Once constructed, this new extension of the NEU will provide service to four new developments currently under construction and will connect new buildings as they are developed. The extension will also connect the current NEU system with a new satellite boiler plant at 2221 Main St.

Thermal energy is transferred to buildings at an Energy Transfer Station (ETS) installed in each building. Through using sewage heat recovery as its low carbon energy source, the NEU provides substantial greenhouse gas emission reductions relative to traditional methods of providing heat and hot water.

Public Communications

The Project Delivery Branch's Corporate Communications representative will coordinate communication for the project. Project impacts will be communicated to stakeholders according to the Project Communication Plan with adjustments made as needed in consideration of COVID-19. Communication tactics for this project include:

- Advance notification letters to residents and businesses;
- Meetings/Check-ins with the local neighborhood, residents, businesses, and key stakeholders along the project corridor as needed;
- Project signage for drivers, pedestrians and cyclists
- A Project Website has been established allowing for regular project updates;
- For day-to-day support of area businesses and residents, a community/stakeholder liaison has been added to the project team (Community Liaison, Do Nguyen do.nguyen@vancouver.ca)
- Social media through the City's various channels

If you have any questions or would like more information on this project, please contact me directly at 604.873.7336 or lon.laclaire@vancouver.ca.

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