



February 10, 2023

Ken Massé
Lead Senior Engineer
Metro Vancouver
4730 Kingsway
Burnaby, BC

Dear Ken Massé:

Re: **Vancouver Fraser Port Authority Project Permit No. 17-093-04
Request for Construction Outside of Regular Work Hours
Metro Vancouver - Annacis Island Wastewater Treatment Plant New Outfall System**

Vancouver Fraser Port Authority (the "Port Authority") has received a request from you on behalf of Mero Vancouver to allow construction and physical activities related to the above-noted project outside of the hours stated in Revised Condition No. 32 of Project Permit No. 17-093-02. The Port Authority understands that the request for construction outside of regular hours is to allow in-water emergency work to unblock the tunnel-boring machine (TBM).

The work that will be performed outside regular hours includes:

- Ground freezing works:
 - Installing nitrogen injecting equipment
 - Supply liquid nitrogen to freeze the ground 35m below the river
 - Monitoring for temperature and nitrogen flows as required
 - Delivering nitrogen
- Demobilizing nitrogen injecting equipment after the TBM has been rescued

In-water works are proposed 24 hours a day, 7 days a week from March 31, 2023 to December 31, 2023.

The Port Authority has undertaken and completed a review of the requested amendment in accordance with the *Canada Marine Act*, section 5 of the Port Authorities Operations Regulations, and section 82 of the *Impact Assessment Act*, as applicable.

As part of our review, the Port Authority considered additional information provided in the following supporting documents:

- Email dated January 24, 2023, from Yannick Wittner, "RE: Annacis Outfall | Ground Freezing Work Information - TBM Unblocking"
- "Request to conduct construction outside of regular work hours", January 27, 2023, Pomerleau Bessac General Partnership

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Accordingly, the Port Authority authorizes an amendment to Project Permit PER No. 17-093-03 to allow construction outside regular hours of work during the above noted time periods provided the following conditions are met:

1. Metro Vancouver shall ensure the scope of works undertaken during extended hours is limited to the activities outlined in the proposal. No impact pile driving shall be undertaken during extended work hours.
2. Metro Vancouver shall circulate a construction notice to surrounding residents and businesses ten business days in advance of the commencement of works.
3. All Project Permit 17-093-03, 17-093-02, Project Permit 17-093-01, and Project Permit 17-093 conditions shall continue to apply during extended work hours.

The Port Authority reserves the right to cancel or revoke authorization for extended work hours should noise levels exceed reasonable levels or should disturbances to surrounding communities persist.

This amendment has been assigned Amendment PER No. 17-093-04. Thank you for your cooperation throughout our review. Should you have any questions regarding this approval, please contact Andrew Otto-Artavia at 604.353.5284 or Andrew.Otto-Artavia@portvancouver.com.

Yours truly,

Vancouver Fraser Port Authority

ORIGINAL COPY SIGNED

Mary Smulders
Acting Manager, Project and Environmental Review

cc Andrew Otto-Artavia, Project and Environmental Review, Vancouver Fraser Port Authority
Scarlett Chen, Real Estate Specialist, Real Estate, Vancouver Fraser Port Authority

encl (2) Amendment PER No. 17-093-03
Amendment PER No. 17-093-02
Amendment PER No. 17-093-01
Project Permit PER No. 17-093