Groundwater Discharge (Construction Excavation Sites & Contaminated Sites) Submission Form

Site remediation, redevelopment activities and construction excavation can lead to the collection of groundwater that needs to be appropriately managed and removed from the site. In the City of New Westminster's urban setting, this is most readily done by discharging to the sanitary/combined system or storm sewer system. All discharges to any part of the sewer systems are regulated by City of New Westminster's *Sewer and Drainage Regulation Bylaw No. 7746.* If groundwater discharge is required, special consideration is required to determine whether the discharge must be directed to the sanitary/combined sewer system or the storm sewer system.

CAN YOUR SITE DISCHARGE GROUNDWATER TO THE STORM SEWER SYSTEM?

Construction excavation projects or site remediation projects where groundwater is to be discharged to the storm sewer system are subject to the below requirements. A Contaminated Site is an area of land in which the soil or underlying groundwater or sediment contains a hazardous waste or prescribed substance in any quantities or concentrations exceeding provincial risk based or numerical criteria, standards, or conditions. This includes sites with confirmed contamination, a risk-based Certificate of Compliance, or a requirement from the BC Ministry of Environment and Parks to undertake further investigation. Discharges from dewatering activities on contaminated sites or construction excavation sites are not permitted to be directed to the storm sewer system unless permitted by an Inspector. In order to obtain permission from an Inspector, an application shall be submitted to engpost@newwestcity.ca.

The **application** shall include the following:

a) written declaration (attached) satisfactory to the **City** from a **Qualified Environmental Professional** that the quality of the proposed **discharge** from the **dewatering** complies with the numerical aquatic life use standards in the Contaminated Sites Regulation of the BC Environmental Management Act, and the British Columbia Water Quality Guidelines for the Protection of Aquatic Life; or

b) a copy of the written approval of the proposed **discharge** from the applicable federal or provincial regulatory authority as required by the applicable **environmental laws**; and

c) if required by the City, a water quality monitoring and response plan satisfactory to the City; and

d) if required, a capacity analysis of the drainage system and, based on the capacity analysis, a letter signed and sealed by a Professional Engineer confirming that the drainage system has capacity to accommodate the flow rate of the proposed discharge; and

e) if required by the City, evidence satisfactory to the City that the owner has been denied a permit to discharge the substance resulting from the dewatering into the sanitary/combined sewer system servicing the parcel, if any; and

f) Any supporting documentation requested by the City relevant to the matters referred to in subsections (a), (b), (c) and/or (d) above.

GROUNDWATER DISCHARGE TO THE STORM SEWER FROM YOUR SITE IS NOT PERMITTED, BUT CAN YOU DISCHARGE TO THE SANITARY/COMBINED SEWER?

If the conditions to discharge to the storm drainage system cannot be met for a site, then the discharge from dewatering activities must be directed to the sanitary/combined sewer system. However, *Greater Vancouver Sewerage & Drainage District Sewer Use Bylaw No. 299, 2007* prohibits the discharge of contaminated groundwater or storm water to the sanitary/combined sewer without a Waste Discharge Permit, which is subject to a number of conditions. Metro Vancouver administers these permits for the City of New Westminster. Information on applying for the Waste Discharge Permit and the application form can be found at: https://metrovancouver.org/services/liquid-waste/Documents/groundwater-discharge-application.pdf

Contact Us

Engineering and Public Works
604 527 4592 | engpost@newwestcity.ca

GROUNDWATER QUALITY DECLARATION

SITE IDENTIFICATION

Address: _____
Parcel Identifier (PID):_____
Ministry of Environment and Parks Site ID: _____

SITE INFORMATION

Schedule 2 Uses under the Contaminated Sites Regulation (B.C. Reg. 375/96):

_____

Areas of Potential Environmental Concern (APECs):

_____

Potential Contaminants of Concern (PCOCs)/Contaminants of Concern (COCs):

_____

GROUNDWATER QUALITY

Summary of investigation work completed:

_____
_____
_____
_____

Tables of groundwater quality data and laboratory analysis reports are attached Y ☐

DECLARATION

I,_____, certify that the information provided on this form is consistent with the findings of the site investigation work completed and the attached groundwater quality data. I have reviewed the site investigation findings and confirm that the groundwater does not contain any substance in a concentration that exceeds any of the following standards:

a) numerical aquatic life use standards in the Contaminated Sites Regulation of the *Environmental Management Act*; and
b) aquatic life use or the aquatic life water quality standards contained in applicable protocols, policies or guidance issued by the BC Ministry of Environment and Parks.

_____ _____
Signature of Qualified Professional (with stamp) Date

***Please send completed Declaration to** engpost@newwestcity.ca

The City of New Westminster is committed to protection your privacy. This information is collected by the City under section 26(c) of the *Freedom of Information and Protection of Privacy Act* and will be used for the purpose of administering and processing your Groundwater Discharge Submission Form. Should you have any questions about the collection or use of your personal information, please contact the FOI and Privacy Coordinator, 511 Royal Avenue, New Westminster, V3L 1H9, 604-527-4523, privacy@newwestcity.ca.

Office Use Only
Issued by the City on _____ by _____Permit No.