

Engineering Department - Utilities Division

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AUTHORITY: GENERAL MANAGER, ENGINEERING

ATTENTION: LAND DEVELOPMENT CONSULTANTS

SUBJECT: ESC NOTICE

EFFECTIVE: March 20, 2020

During this time of unprecedented concerns, as our community and City collectively navigate the impact of the novel Coronavirus (Covid-19), some construction projects are actively considering shutting down to prioritize the health and safety of workers and their families. This has raised the question as to what the City of Surrey's expectations are when it comes to Erosion and Sediment Control during the periods of construction inactivity.

All construction projects that have commenced works must ensure that the site discharge leaving the site is compliant with the ESC By-laws Water Quality (WQ) criteria of 75mg/L Total Suspended Solids (TSS). This WQ criterion ensures that the municipal infrastructure and receiving environment is protected from sediment pollution. There are no relaxations concerning this WQ discharge requirement should a site be shut down for some time.

Should you be considering shutting down a project, as part of the shutdown procedure, project managers, site supervisors, contractors, and consultants need to ensure that their sites are appropriately managed to protect the public and environment during the period of inactivity. Storm events will still occur and when they do we need to ensure that we are prepared.

What does this mean? All ESC measures stipulated in the ESC Plan must be fully installed and signed off by the ESC Supervisor, not just their designated monitor before the site shuts down. ESC Supervisor must also take into consideration any additional site risks that could compromise the ability of the site to manage their drainage during future rain events.

For sites that require active pumping, this will require contingency measures to ensure that the treatment systems are still operational and functioning. For sites with large areas of exposed soils, this may mean that temporary erodible surface protection measures may be needed to button down the site in addition to the existing BMP's.

Normal ESC Inspection frequencies are still in effect and there is an expectation that the ESC Supervisor and contractor are still in consultation to respond should concerns arise on the site. All inquiries to City staff will be through appointments. As per the existing protocols, the ESC inspection frequency may be relaxed to reflect the site conditions and site risk provided the ESC Supervisor follows the procedure stipulated in the document:

[https://www.surrey.ca/files/On-line ESR document.pdf](https://www.surrey.ca/files/On-line_ESR_document.pdf)



Yonatan Yohannes
Manager, Utilities