

PORT

What is an Environmental Management Plan?

The Port Lands Flood Protection project team has developed a series of plans to ensure we minimize potential impacts to the environment during construction. These potential impacts were noted in the [Don Mouth Naturalization and Port Lands Flood Protection Environmental Assessment](#). As construction progresses, these plans may be modified to reflect new information or challenges encountered on the construction site.

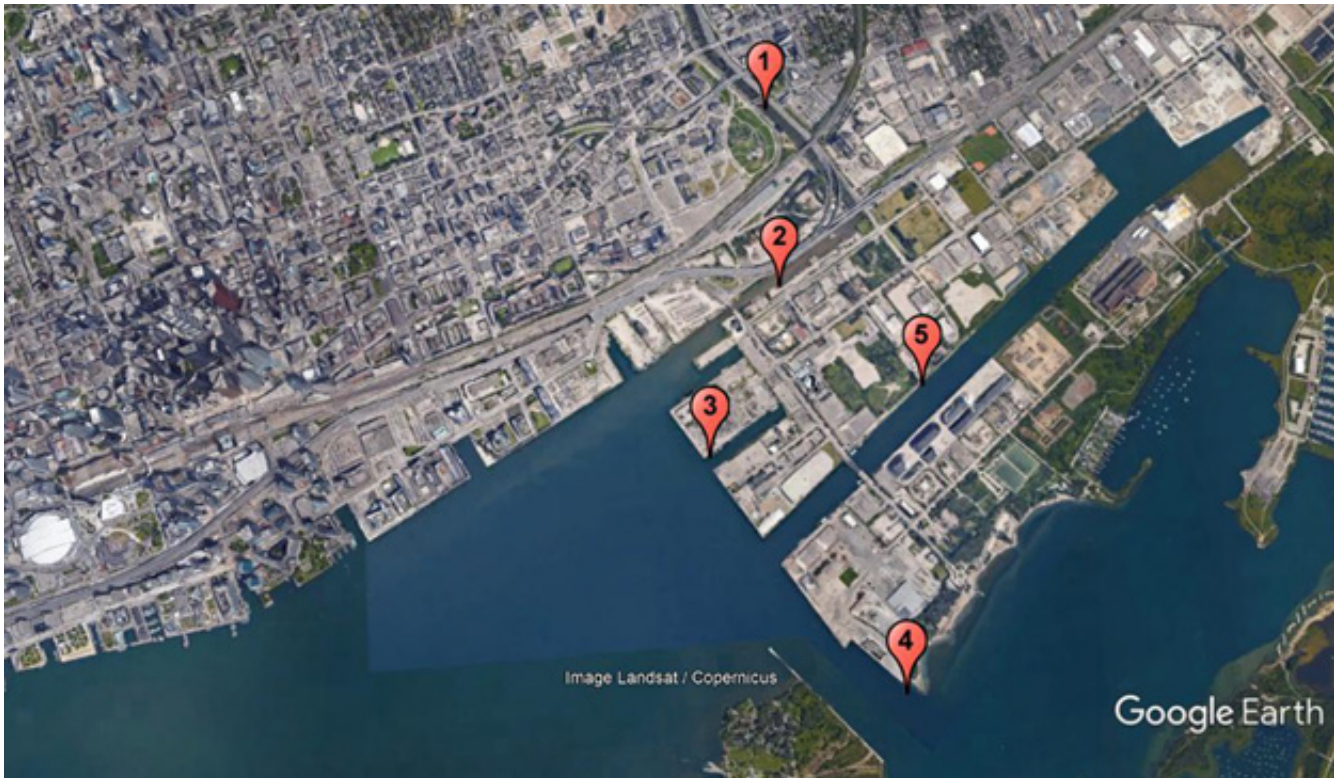
What is a Surface Water Management Plan?

As part of Port Lands Flood Protection, we'll be excavating over 1 million cubic metres of soil – much of it contaminated – to create a new river valley and spillway. As we excavate and treat contaminated soil during construction, we need to monitor and control any impacts on the surrounding surface water bodies. This plan is about protecting surface water during construction in areas such as the Don River, Keating Channel and Ship Channel.



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How does the plan work?



Examples of surface water: the Don River (1), Keating Channel (2), Polson Slip (3), Eastern Channel (4) and Ship Channel (5).



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Before construction, we will:

- Test the existing water quality in the Lower Don River, Keating Channel, Polson Slip, Eastern Channel and Ship Channel during dry and wet weather to establish baseline conditions.



Once excavation starts near these water bodies, we will:

- Test the water clarity in and around the site twice daily when construction crews are working near surface water.
- Test for contaminants of concern (including petroleum hydrocarbons, polycyclic aromatic hydrocarbons, metals, polychlorinated biphenyls, volatile organic compounds) four times per season, during wet and dry weather.



What will we do if our tests show an impact?

- If testing shows an impact, the appropriate response measures will be implemented to quickly identify and control the source of contamination and to manage impacts on nearby surface water. This will also trigger a review of our sediment and erosion control plans.

Questions?

- Access our online form at tiny.cc/PLFP or email plfp@ellisdon.com.

