

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 an Odour Monitoring Plan?

As part of Port Lands Flood Protection, we'll be dredging existing water bodies like the Keating Channel and excavating a new river valley and spillway.

Contaminated soil that we remove will be stored on-site, treated, reused and, in some cases, transported off site. Because there are contaminants in the soil and groundwater, and because of the decaying peat and organic material found in the soils, dredging and excavating is likely to create some odour. While odour is not necessarily linked to air quality or health concerns, it can still be a nuisance. The Odour Monitoring Plan is a guideline for how we'll monitor and control odour during construction. We have a separate air quality monitoring plan.

This plan includes:

- Project-specific odour monitoring criteria
- Response protocols to follow if odours exceed our criteria
- Methods for real-time monitoring



PORT

How does the Odour Monitoring Plan work?



We use a nasal ranger or olfactometer to measure existing odour in and around the construction site. Crew members who use the olfactometer are trained to detect both the level and quality of odour.

PORT



Before construction, we:

- Identified construction activities or circumstances that may produce odours.
- Identified strategies to reduce odour as much as possible. This includes changing work practices, using odour neutralizing misters and, if necessary, odour suppressing foam.
- Scheduled work so that deeper excavation won't take place until the cooler months, when odours are less impacting.
- Established thresholds for odour that ensure safety and comfort of workers and visitors to the area.
- Collected samples around the perimeter of the site, both upwind and downwind of our work, to establish existing conditions.



During construction, we are:

- Monitoring odour on site and at nearby locations.
- Using daily monitoring results to proactively manage odours.
- Responding to reports and input from members of the public.



What will we do if our tests show an impact?

- We can manage odour in a number of ways, including minimizing our work area, applying odour reducing sprays to materials that may be causing the odour and using odour suppressing foams.

Questions?

- Access our online form at tiny.cc/PLFP or email plfp@ellisdon.com, or contact Toronto Public Health - Barbara Lachapelle, 416-392-7685.