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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 the Air Quality and Noise Monitoring Plan?

As part of Port Land Flood Protection, we'll be digging a new river valley and spillway. Much of the soil in the Port Lands has been contaminated by various industrial activities. When we excavate, we will monitor air quality on site and at nearby locations to ensure any release of contaminants does not negatively impact air quality. We will also minimize dust and noise. We have a separate odour monitoring plan to track and mitigate odours caused by dredging and excavation.

This plan monitors and protects against:

- Dust
- Emissions from vehicles and construction equipment
- Contaminant release from exposed soil and groundwater



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How does the Air Quality and Noise Monitoring Plan work?



We're monitoring air quality at five locations on the construction site and at nearby locations.



Noise is being monitored in and around the site using sound level meters.



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Before construction, we will:



- Measure existing air quality and noise at multiple locations in and around the construction site.
- Identify the criteria, means and methods for monitoring air and noise during construction.
- Outline the actions that will be taken if monitoring finds that levels exceed the criteria.

During construction, we will:



- Measure air quality and noise and compare to existing levels established before construction.
- Monitor continuously, daily, weekly or monthly depending on the construction stage and weather. We'll monitor noise levels to ensure they stay within limits we have set for this project.
- Use Ontario's Compliance Ambient Air Quality Criteria to determine whether air quality meets applicable provincial and federal ambient air quality standards.
- Respond to emails or phone calls from members of the public.



What will we do if our tests show an impact?

- If noise or air quality exceeds our criteria, we will immediately investigate, review the controls in place at the construction site, and implement new mitigation measures as appropriate. This might include increasing personal protective equipment for construction crews.

Questions?

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



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Air Quality Monitoring Locations

