

Appendix A: Report WMC17-010 – Neil Drive Odour Study by AECOM

City of Peterborough

City Sanitary Collection System Odour Emissions Study

The City has hired the consulting firm AECOM to study the odour problem now being experienced. The City's sanitary sewer system that begins at the Landfill site and extends to the crossing of the sewers at Hwy 115 will be investigated.

Project Objective

To identify the source and cause of the odour complaints and to provide recommendations on eliminating future odour emissions from the sanitary system.

Field Sampling Work Plan

AECOM will install sampling and monitoring instrumentation at 5 locations between the Landfill and the location where the sewer crosses Hwy 115. The expected source of the issue will also be tested in various locations at the Landfill. Field sampling is expected to be completed in one week.

Pumping Station Operation & Performance Review

Sampling results, pumping station performance and hydraulic modelling will be used to identify the source and cause of the odour emissions and create possible solutions.

Study Findings

AECOM has already started the work on this project and expects to complete a draft study report within five to six weeks.

Next Steps

Following the Study recommendation, the City will begin the implementation stages to fix the problem. Depending on the recommendations, some proposed solutions may be implemented immediately while any infrastructure upgrades etc. will follow funding approval. Any health and safety matters will be addressed immediately.

Contact

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This notice issued on May 17, 2017

Appendix A: Report WMC17-010 – Neil Drive Odour Study by AECOM

City of Peterborough- Odour Study Update #1

The City has hired the consulting firm AECOM to study the odour problem that is being experienced in your area. The City's sanitary sewer system that begins at the Landfill site and extends to the crossing of the sewers at Hwy 115 is being investigated.

The objective of the project is to identify the source and cause of the odour complaints and to provide recommendations on eliminating future odour emissions from the sanitary system.

Field Sampling Work Done to Date

AECOM has installed sampling and monitoring instrumentation at 5 locations between the Landfill and the location where the sewer crosses Hwy 115. Various locations at the Landfill are also being tested. Field sampling has been extended to get a more complete set of data to use in a possible solution.

Three weeks of odour, waste water and air pressure studies on the Neal Drive sewer main have been completed with approximately one week left on this portion of the project.

Next Steps

Analysis of the data will be undertaken immediately hopefully enabling a cause/effect determination to be made. This will lead to the development of options to resolve the problem.

A further update will be issued in July.

Contact

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