

## **DRAFT - London District Project Charter**

### **London Air Monitoring Network:**

2019-2020

2020-2021

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#### **General Project Information**

**Client(s):** StormFisher Environmental Ltd., Renewi Canada Limited (formerly Orgaworld Canada), Ministry of the Environment, Parks and Conservation (MECP), City of London- TBD

**Physical Address:** multiple

**Primary Environmental Officer(s):** Sybil Kyba, Andrew Woodhouse, Nicole Does (Jessica Ceneviva), Jeff Mills

**Date of Initial Engagement:** Spring 2019

**Stakeholders:** Local residents and businesses, StormFisher, Orgaworld, Ingredion, City of London, City of Toronto's GreenLane landfill, Middlesex London Health Unit

#### **Environmental Plan Alignment**

##### **Clean Air**

The ministry will work in partnership with municipalities, industry, public health units and other community stakeholders to address local air quality concerns and achieve air quality objectives.

##### **Background and Purpose**

The geographic area of south London has a high concentration of industrial facilities including the Renewi Canada composting facility, the StormFisher Environmental Ltd. bioenergy facility, the City of London's W12A landfill, the City of Toronto's GreenLane landfill, Ingredion and several other private waste processing and handling facilities. The ministry continues to receive odour complaints from the community attributed to the local waste processing and handling industries.

In the spring of 2019, StormFisher Environmental and Renewi Canada began preliminary discussions with the ministry to investigate the feasibility of an odour monitoring network in London.

The London Air Monitoring network will be led, funded and implemented by local industry, in partnership and coordination with the ministry. The ministry will also provide technical expertise and oversight during the implementation and operation of the network.

This project charter defines the ministry's role/oversight in the development and implementation of an air monitoring network in London, as well as the goals and objectives of the industry network.

The London Air Monitoring network would not impact ministry compliance and abatement processes. The ministry will continue to ensure any adverse effects are resolved through proactive measures and/or compliance and enforcement measures and/or with operational and maintenance work conducted by the industry/facilities to mitigate odour. The network will help all stakeholders to address the subjectivity of odour sources and the receptors that may be detecting them.

### **Issues Summary**

Local industry implemented facility improvements and best management practices to help mitigate odours in the community.

The ministry has also undertaken compliance and enforcement actions when waste handling, and processing, odours have impacted the community.

In order to further address odour concerns raised by the community, and the potential source of odours, local industry and municipalities, will lead the development of an air monitoring network, with the support of the ministry, to provide a more objective measure of odour in the community.

### **Project Objectives**

#### **The local industry and municipalities will:**

1. Fund the implementation of the London Air Monitoring network.
2. Retain a qualified vendor to implement and operate the London Air Monitoring network.

3. Provide information to the local community at Community/Public Liaison Committees, or similar forums, to provide information, and invite feedback, about the implementation and functionality of the London Air Monitoring network. In the case of StormFisher Environmental, this will occur through its public liaison committee which has been meeting quarterly for a number of years.
4. StormFisher will install and begin collecting air quality and meteorological data in London by no later than July 1, 2020. Establish a website, or similar platform, to clearly display the information and make the data generated from the London Air Monitoring network available in “real time” to the community. Additional air monitors will be phased in as other participants join the network.

**The industry led London Air Monitoring network will:**

1. Assess current local air conditions. The minimal operational time and data validity of the air monitoring network should be 95% in any given year.
2. Ensure air monitoring equipment is maintained and operated according to manufacturer specifications and the [ministry operations manual for air quality monitoring in Ontario](#).
3. Utilize current and available technology to assist in the determination of the presence/absence of odours in the community.
4. Develop a data base of air quality and weather-related information that will help to continuously improve predicative modelling in the community. Maintain this database in a format that is publicly available online.

**The ministry will:**

1. Endorse, assist and support the London industry with engaging stakeholders to inform them of the implementation of the air monitoring network and to solicit feedback and help address concerns (where appropriate and feasible). This will include support and assistance at the public meetings or at StormFisher’s public liaison committee meetings.
2. Review, recommend and provide technical input and feedback, to the companies, on the location of equipment.
3. Review and provide technical input on the validity of the air monitoring equipment and the data generated from the London Air Monitoring network.

4. Endorse and assist with promoting a website, or similar online platform, for the London Air Monitoring network to clearly display and publicly share the data generated, where feasible.
5. Undertake an annual review, or more frequently as required, of the data generated from the London Air Monitoring network.
6. Ensure that routine voluntary or mandatory abatement actions are undertaken by industry to resolve any odour incidents identified in the community.

### **Project Outcomes**

1. Local industry/municipalities develop and implement an Air Monitoring network in London.
2. Local industry/municipalities establish a website, or similar platform, to clearly display the information and make the data generated available in “real time”, and ensure historical data is also available online.
3. The air and meteorological data generated from the air monitoring network is publicly available to provide local residents/stakeholders with a better understanding of the current status of local air quality along with potential odours in the community.
4. The London Air Monitoring network will provide a more objective measure of odours, and their sources, in the community. Information from each monitor is representative of the odours present at that location.

### **Key Performance Indicators**

- Reliable, publicly accessibility, data is generated from the London Air Monitoring network. The minimal operational time and data validity of the air monitoring network should be 95% in any given year.
- Industry/municipalities implement facility improvements and best management practices when information demonstrates odours are from a particular industry are in the community.
- Evaluation/review of data generated from the London Air Monitoring network will be used for continuous improvement by local industry, municipalities, and the ministry to address any odours in the community.
- The community, facilities, municipalities, and the ministry all have a better understanding of local air quality.
- Collaboration is improved between industry, municipalities, the public and the ministry to reduce and resolve odour concerns.

### Communication and Reporting

Ministry commits to regular communication between the London District Office and individual stakeholders, including industry who request information. When possible, the ministry will collaborate with appropriate stakeholders and organizations to explore effective avenues of communication.

Industry and municipalities will provide an annual report to the ministry that provides a summary and assessment of the data and corrective actions related to the London Air Monitoring network.

### Tools and Additional Project Resources

#### Document Tracking

Date	Summary of Changes	Author	Approval (Initial / Date)
December 17, 2019	V .02	MECP-SF comments	
March 23, 2020	V .03	City of London comments	
April 24, 2020	V .04	Formatting edits	