

Form 3

The Town of The Blue Mountains Sewer Use Program

Industrial (Non-Domestic) Waste Discharge Permit

Under the provisions of the Town of The Blue Mountains Sewer Use By-law 2019-62, hereinafter referred to as the Permittee, is authorized to discharge Non-Domestic Waste to the Sanitary or Storm Sewer located at _____.

This Waste Discharge Permit, hereinafter referred to as the "Permit", has been issued under the terms and conditions, including definitions, prescribed in the Town's Sewer Use By-law 2019-62 hereinafter referred to as the "By-law"

This Permit sets out the standard conditions, engineering units, and the requirements for emergency procedures.

A. Standard Conditions

1. Except as otherwise provided in this Permit, all terms and conditions stipulated in the By-law shall apply to this Permit.
2. The terms and conditions of this Permit may be amended, by the Town pursuant to By-law 2019-62

B. Maintenance and Operation of Works and Procedures

Wastewater control works and procedures associated with maintaining the discharge criteria and/or the industrial/commercial waters to sewer. All such works and procedures shall be inspected regularly and maintained in good working condition.

C. Emergency Procedures

In the event of an emergency or condition which prevents the continuing operation of any wastewater works or procedures designated by this Permit or results or may result in a violation of any discharge criteria specified in this Permit, the Permittee shall notify the Town at (705) 446-5041 at the first available opportunity and shall undertake appropriate remedial action as soon as possible.

D. By-Passes

The discharge of wastes which by-pass any wastewater works or are not in accordance with procedures designated by the Permit is prohibited, unless prior approval of the Town is obtained and confirmed in writing.

E. Discharge Monitoring

Discharge measurement, sampling, analysis and reporting shall be undertaken by the Permittee when required by the Director of Operations Department or their designate. The Director of their designate may also undertake audit sampling at their discretion.

F. pH Monitoring

Enforcement of pH levels, as listed in this Permit, shall be based on grab samples. The Permittee should be aware that pH levels measured in a Composite Sample (if required) will provide an average pH of the waste stream and will not indicate the total range of pH in the effluent. The Permittee is encouraged to do periodic grab sample pH analyses to ensure permit compliance.

G. Discharge Sampling and Analyses

The Permittee shall carry out the following yearly sampling and analysis program, to commence on the date specified by the Director or their designated. The sampling and analyses program consist of continuous flow monitoring/reporting and a two-week characterization program based on the conventional contaminants and physical parameters contained in section 7 of the By-law – Restricted Wastes – Sanitary Sewer Discharges. The Town may also require one yearly sample to be analyzed for the organic and inorganic contaminants identified in section 7. In the event that any parameter concentration from the two-week characterization program or yearly sample exceeds 50% of the limit specified for that parameter in section 7 of the By-law, additional sampling and analysis requirements will apply.

1. Continuous Discharges

Effective _____, the Permittee shall measure or estimate, using an approved flow monitoring device or method, the daily discharge during each month or operation. Meter used for flow monitoring to be calibrated to the Town's satisfaction. In the event that a specific sewer discharge meter where readings cannot be obtained is not available, discharge will be based on water consumption. The following information shall be recorded:

- i. Total flow for the month (m^3);
- ii. Number of operating days during the month;
- iii. Average daily flow for the month (m^3/day); and
- iv. Maximum daily flow for the month (m^3/day).

2. Continuous and Batch Discharges

Composite samples – A 24-hour (if facility operates 24 hours per day) or 8-hour (if facility operates 8 hours per day) composition sample shall be taken by the discharger using sampling equipment installed in the monitoring access point, or other sample point(s) approved by the Director or their designate, at the following frequency:

- The discharge flow for the periods that the composite sample (if required) are collected shall be recorded.
- If the industry does not have a composite sampler or samplers available to be installed in the monitoring access point(s), the discharger may compensate the Town for the purchase and installation of an automatic sampling device for the purpose of collection a composite sample.

The 24-hour composite samples shall be analyzed for the following parameters:

- Biochemical Oxygen Demand (total BOD_5);
- Suspended solids;
- Total Kjeldahl Nitrogen;

- Total Phosphorus; and
- Oil and Grease.

One grab sample shall be collected from each monitoring access point(s), or other sampling point(s) approved by the Director or their designate during normal facility operating hours, and at the time of day approved by the Director or their designate, at the following frequency:

_____.

The sample date and time shall be recorded. Grab sample(s) shall be analyzed for the following parameters:

- pH; and
- Temperature

3. Sample Analysis

All sampling, measurements, tests and analyses shall be carried out in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater" or an alternative method approved by the Director. Samples shall be submitted for analysis to a laboratory accredited by the Canadian Association of Laboratory Accreditation, at the expense of the discharger, unless other arrangements have been approved by the Director or their designate. The owner shall supply hard copied of the results of the analysis to the Director or their designate in the format and within the time specified by the Director or their designate.

Refer to Canadian Association of Laboratory Accreditation (CALA) website for accredited laboratories: <http://www.cala.ca>

H. Location of Approved Sample Points

The approved sample points are as follows, and as shown on the attached schematic of approved sample points and treatment processes. Sample point _____ is considered to be the point of discharge to sewer.

Sample Point No. Description

Sample Point 1. _____

Sample Point 2. _____

Provide a Photograph of Approved Sampling Point

I. Authorized Discharge Characteristics

This Permit sets out requirements for the quality of the discharge of Non-Domestic Waste from a _____. Where a compliance program has been specified, existing works or procedures must be maintained in good operating condition and operated in a manner to minimize the discharge of contaminants during the interim period until the new works have been installed.

- a. The Permittee shall not discharge prohibited waste, as defined in Section 6 of the By-law.
- b. The Permittee shall not discharge restricted waste, as defined in Section 7 of the By-law with the following exceptions:
 - i. The discharge is in accordance with an **Extra Strength Surcharge Agreement**, as approved by the Director or their Designate.
- c. The Permittee shall not discharge storm water or cooling water into the sanitary sewer system.

J. Authorized Works and Procedures

This Permit sets out the waste sources, works and procedures for the authorized discharges to sewers. The Director or designate may require that further works be installed if the existing works, in his/her opinion, do not provide an acceptable level of treatment. New works or alterations to the existing works must be approved, in principle, by the Director or designated.

New waste sources must be authorized, in writing, by the Director or their designate.

The authorized waste sources, works and procedures to treat and/or control the waste discharge are:

Source	Completion Date	Works & Procedures
1. _____	_____	_____
2. _____	_____	_____

K. Reporting Requirements for Waste Discharge Permit

The Permittee is required to submit the following reports to the Director or their designate:

- a. The Permittee shall submit the results of effluent sampling (as required by the Director or their designate) to the Director or their designate at the following frequency _____.
- b. By not later than _____, the Permittee shall submit a written report outlining the specifications of the flow monitoring device or method used to determine the discharge flow rate.
- c. Additional reporting shall be undertaken by the Permittee when required by the Director or their designate.