

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 0099-C3DRU6
Issue Date: June 28, 2021

1073256 ONTARO INC.
6344 Line 86 Line
Woolwich, Ontario
N0B 2V0

Site Location: West Montrose Family Camp
6344 Line 86 West Montrose
Township of Woolwich, Regional Municipality of
Waterloo
N0B 2V0

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

Class 4 sewage works for the treatment and subsurface disposal of domestic sewage, with a daily sanitary sewage flow of 13,765 litres per day and Class 5 sewage works for the collection of domestic sewage with a daily design sanitary sewage flow not to exceed 74,800 litres per day, for a combined daily design sanitary sewage flow not to exceed 88,565 litres per day, to service existing campground [one hundred and eighty-five (185) trailer sites and twenty (20) tent sites], seasonally operated (from May to October) and a three-bedroom residence, located at above noted Site Location, consisting of the following:

Class 4 Sewage System

Residence Sewage System

The subsurface sewage disposal system servicing the Residence, with a daily domestic sewage flow of 1,600 litres per day and consisting of:

- *Proposed Septic Tank:*
one (1) two-compartment septic tank having a minimum capacity of 4,000 litres, fitted with an approved effluent filter on the outlet pipe, collecting wastewater from the Residence and discharging effluent to the pump tank described below;
- *Proposed Pump Tank:*

one (1) pump tank, having a minimum capacity of 1,800 litres, consisting of an effluent pump, operating on demand, dosing effluent to subsurface disposal bed described below;

- *Proposed Subsurface Sewage Disposal System: Partially Raised Filter Bed:*

one (1) partially raised filter bed, consisting of four (4) runs of 100 millimetres diameter perforated distribution pipes, each 9.2 metres long (for a total length of 36.8 metres), spaced 1.2 metre apart centre to centre, all installed in a stone layer having a minimum area of 50 square metres, covered with a permeable geo-textile fabric layer and installed on top of a minimum 750 mm deep filter medium with an extended contact area of 84 square metres and overall loading area of 257 square metres, including a natural mantle;

- *Existing Septic Tank*

one (1) existing septic tank of unknown capacity, to be decommissioned as described in condition 7, collecting wastewater from the Residence and discharging effluent to the subsurface sewage disposal system described below; and

- *Existing Subsurface Sewage Disposal System: In-ground absorption trench bed*

one (1) existing in-ground absorption trench bed, to be decommissioned as described in condition 7.

Recreation Hall and Nine Trailer Sites Sewage System

The subsurface sewage disposal system servicing the Recreation Hall and Nine Trailer Sites, with a daily domestic sewage flow of 4,465 litres per day and consisting of:

- *Proposed Septic Tank:*

one (1) two-compartment septic tank having a minimum capacity of 13,395 litres, fitted with an approved effluent filter on the outlet pipe, collecting wastewater from the Recreation Hall and Nine Trailer Sites and discharging effluent to the pump tank described below;

- *Proposed Pump Tank:*

one (1) pump tank, having a minimum capacity of 3,150 litres, consisting of an effluent pump, operating on demand, dosing effluent to subsurface sewage disposal bed described below via a distribution box;

- *Proposed Subsurface Sewage Disposal System: Partially Raised Filter Bed:*

one (1) partially raised filter bed divided into two (2) cells, consisting of ten (10) runs of 100 mm diameter perforated distribution pipes, each 7 metres long (for a total length of 70 metres), spaced 1.2 metre apart centre to centre, all installed in a stone layer having a minimum area of 98 square metres, covered with a permeable geo-textile fabric layer and installed on top of a minimum 750 millimetres deep filter medium with an extended contact area of 177 square

metres and overall loading area of 458 square metres, including a natural mantle;

- *Existing Septic Tank*

one (1) existing septic tank of unknown capacity, to be decommissioned as described in condition 7, collecting wastewater from the Recreation Hall and Nine Trailer Sites and discharging effluent to the pump tank described below;

- *Existing Pump Tank*

one (1) existing pump tank of unknown capacity, to be decommissioned as described in condition 7, collecting wastewater from the existing septic tank and discharging effluent to the subsurface sewage disposal system described below; and

- *Existing Subsurface Sewage Disposal System: In-ground absorption trench bed*

one (1) existing in-ground absorption trench bed, to be decommissioned as described in condition 7.

Older Washroom Sewage System

The proposed subsurface sewage disposal system servicing the Older Washroom, with a daily domestic sewage flow of 3,575 litres per day and consisting of:

- *Existing Septic Tank:*

one (1) existing two-compartment septic tank having a minimum capacity of 11,400 litres, fitted with an approved effluent filter on the outlet pipe, collecting wastewater from the Older Washroom and discharging effluent to the pump tank described below;

- *Proposed Pump Tank:*

one (1) pump tank, having a minimum capacity of 1,800 litres, consisting of an effluent pump, operating on demand, dosing effluent to subsurface disposal bed, described below via a distribution box;

- *Proposed Subsurface Sewage Disposal System: Partially Raised Filter Bed:*

one (1) partially raised filter bed divided into two (2) cells, consisting of ten (10) runs of 100 millimetres diameter perforated distribution pipes, each 5.4 metres long (for a total length of 54 metres), spaced 1.2 metre apart centre to centre, all installed in a stone layer having a minimum area of 79 square metres, covered with a permeable geo-textile fabric layer and installed on top of a minimum 750 millimetres deep filter medium with an extended contact area of 152 square metres and overall loading area of 406 square metres, including a natural mantle;

- *Existing Subsurface Sewage Disposal System: In-ground absorption trench bed*

one (1) existing in-ground absorption trench bed, to be decommissioned as described in

condition 7.

New Washroom Sewage System:

The existing subsurface sewage disposal system servicing the New Washroom, with a daily domestic sewage flow of 4,125 litres per day and consisting of:

- *Existing Septic Tank:*
one (1) existing two-compartment septic tank having a minimum capacity of 13,500 litres, fitted with an approved effluent filter on the outlet pipe, collecting wastewater from the existing New Washroom and discharging effluent to the pump tank, as described below;
- *Existing Pump Tank:*
one (1) pump tank, having a minimum capacity of 900 litres, consisting of an effluent pump, operating on demand, dosing effluent to subsurface disposal bed, described below;
- *Existing Subsurface Sewage Disposal System: Partially Raised Filter Bed:*
one (1) partially raised filter bed divided into two (2) cells, consisting of eight (8) runs in total of 75 millimetres diameter perforated distribution pipes, each 10 metres long (for a total length of 80 metres), spaced 1 metre apart centre to centre, all installed in a stone layer having a minimum area of 88 square metres, covered with a permeable geo-textile fabric layer and installed on top of a minimum 750 millimetres deep filter medium and including a natural mantle.

Class 5 Sewage System

Existing Holding Tanks:

two (2) existing holding tanks, with capacity of approximately 11,250 litres (previously approved under Regional Municipality of Waterloo Health Unit Permit # 5-2-90 dated March 30, 1990) and 4,500 litres, each complete with audible and visual high level alarm system, servicing one hundred and seventy-six (176) trailer sites, collecting wastewater from the individual holding tanks attached to each trailer via a private haulage vehicle and discharging to the holding tank system for periodic haulage off-site.

all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage works;

all in accordance with supporting documents listed in **Schedule A**.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Approval" means this entire Approval document and any Schedules to it, including the application

and Supporting Documentation;

2. "Director" means a person appointed by the Minister pursuant to Section 5 of the EPA for the purposes of Part II.I of the EPA;
3. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
5. "Licensed Installer" means a person who is registered under the OBC to construct, install, repair, service, clean or empty on-site sewage systems;
6. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
7. "OBC" means the *Ontario Building Code*;
8. "Owner" means 1073256 Ontario Inc., and its successors and assignees;
9. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
10. "Professional Engineer" means a person entitled to practice as a Professional Engineer in the Province of Ontario under a licence issued under the *Professional Engineers Act*;
11. "Supporting Documentation" means the documents listed in Schedule A of this Approval;
12. "Works" means the sewage works described in this Approval.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. Except as otherwise provided by these conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.

3. Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
4. Where there is a conflict between the documents listed in the Schedule A, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
5. The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.
6. The issuance of, and compliance with the conditions of, this Approval does not:
 - a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the sewage works; or
 - b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. EXPIRY OF APPROVAL

1. This Approval will cease to apply to those parts of the Works which have not been constructed within **five (5) years** of the date of this Approval.

3. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:
 - a. change of Owner;
 - b. change of address of the Owner;
 - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act* , R.S.O. 1990, c.B17 shall be included in the notification to the District Manager;
 - d. change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act* ,

R.S.O. 1990, c. C39 shall be included in the notification to the District Manager;

2. In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.
3. The Owner shall ensure that all communications made pursuant to this condition refer to the number at the top of this environmental compliance approval.

4. CONSTRUCTION

1. The Owner shall ensure that the construction of the Works is supervised by a Licensed Installer or a Professional Engineer.
2. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.
3. The Owner shall ensure that an imported soil that is required for construction of any subsurface disposal bed as per this Approval is tested and verified by the Professional Engineer or Licensed Installer for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.
4. Upon construction of the Works, the Owner shall prepare a statement, certified by a Professional Engineer, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.
5. Upon construction of the Works, the Owner shall prepare a set of as-built drawings showing the works "as constructed". "As-built" drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the site for the operational life of the Works and shall be made available for inspection by Ministry staff.

5. OPERATIONS, MAINTENANCE, AND RECORDING

1. The Owner shall ensure that, at all times, the Works and the related equipment and appurtenances used to achieve compliance with this Approval are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate funding, adequate staffing and training, including training in all procedures and other requirements of this Approval and the OWRA and regulations, adequate laboratory facilities, process controls and alarms and the use of process chemicals and other substances used in the Works.
2. The Owner shall ensure that all septic tanks are pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filter is cleaned out at minimum once a year (or more often if required).
3. The Owner shall enter into a written Agreement with a licensed hauled sewage system operator for the disposal of sanitary sewage from the holding tank, on an as required basis, and shall keep a copy of the

valid Agreement at all times during the operation of the Works.

4. The Owner shall ensure that grass-cutting is maintained regularly over the subsurface disposal bed(s), and that adequate steps are taken to ensure that the area of the underground works is protected from vehicle traffic.
5. The Owner shall visually inspect the general area where sewage works are located for break-out once every month during the operating season.
6. In the event a break-out/ leak or spill is observed from a subsurface disposal bed/ holding tank, the Owner shall do the following:
 - a. sewage discharge to that subsurface disposal system/ holding tank shall be discontinued;
 - b. the incident shall be **immediately** reported verbally to the Spills Action Centre (SAC) at (416) 325-3000 or 1-800-268-6060;
 - c. submit a written report to the District Manager within **one (1) week** of the break-out/ leak or spill;
 - d. access to the break-out area shall be restricted until remedial actions are complete;
 - e. during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to the environment; and
 - f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.
7. The Owner shall maintain a logbook to record the results of Operation and Maintenance activities specified in the above sub-clauses, and shall keep the logbook at the site and make it available for inspection by the Ministry staff.
8. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal system, including but not limited to water/wastewater flow meters, event counters, running time clocks, or electronically controlled dosing, and shall record the daily volume of effluent being discharged to each of the subsurface disposal systems.
9. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the Operation and Maintenance activities required by this Approval.
10. The Owner shall maintain and service the Works in such a manner that leaks and spills are prevented.
11. The Owner shall prepare an operations manual within six (6) months, that includes, but not necessarily

limited to, the following information:

- a. operating procedures for routine operation of all the Works;
 - b. inspection programs, including frequency of inspection, for all the Works and the methods or tests employed to detect when maintenance is necessary;
 - c. repair and maintenance programs, including the frequency of repair and maintenance for all the Works; copies of maintenance contracts for any routine inspections & pump-outs should be included for the tank;
 - d. procedures for the inspection and calibration of monitoring equipment;
 - e. a spill prevention control and countermeasures plan, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the District Manager; and
 - f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
12. The Owner shall maintain the operations manual current and retain a copy at the location of the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

6. REPORTING

1. **One week** prior to the start up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start up date.
2. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges), the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and Ontario Regulation 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.

7. DECOMMISSIONING OF UN-USED SEWAGE WORKS

1. The Owner shall properly abandon any portion of unused existing sewage Works, as directed below, and upon completion of decommissioning report in writing to the District Manager.
 - a. any sewage pipes leading from building structures to unused sewage Works components shall be disconnected and capped;
 - b. any unused septic tanks, holding tanks and pump chambers shall be completely emptied of its content by a licensed hauler and either be removed, crushed and backfilled, or be filled with granular material;

- c. if the area of the existing leaching bed is going to be used for the purposes of construction of a replacement bed or other structure, all distribution pipes and surrounding material must be removed by a licensed hauler and disposed off site at an approved waste disposal site; otherwise the existing leaching bed may be abandoned in place after disconnecting, if there are no other plans to use the area for other purposes.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this Approval the existence of this Approval.
2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.
3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to the approved works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 is included to ensure that the works are constructed, and may be operated and maintained such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.
5. Condition 5 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected.
6. Condition 6 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.
7. Condition 7 is included to ensure that any components of un-used Works are properly decommissioned.

Schedule A

1. Application for Approval of Sewage Works submitted by David Morlock, P.Eng., of FlowSpec Engineering Ltd., and signed by Debbie Reed, President, 1073256 Ontario Inc., dated March 19, 2021, including design report, final plans, specifications and all supporting documentation and correspondence submitted in support of this application.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

AND

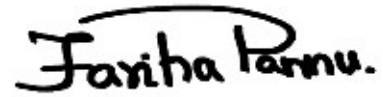
The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 28th day of June, 2021



Fariha Pannu, P.Eng.

Director

appointed for the purposes of Part II.1 of the
Environmental Protection Act

SP/

c: District Manager, MECP Guelph District Office
David Morlock, P. Eng., FlowSpec Engineering Ltd.