

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 6029-C5MPT6

Issue Date: September 29, 2021

2076939 Ontario Inc.
5507 Co-op St
Plympton-Wyoming, Ontario
N0N 1T0

Site Location: 5507 Co-op Street
Plympton-Wyoming Town, County of Lambton
N0N 1T0

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:

the establishment, use and operation of private sewage Works for the collection, transmission, treatment and reuse of up to 21,850 L/day of agricultural vehicle washwater, located at the above noted location, consisting of the following proposed Works:

- one (1) 6,813 L two-compartment primary sedimentation tank, equipped with two (2) access risers fitted to grade with watertight and lockable covers, receiving agricultural washwater from the indoor equipment wash pit via floor drains and gravity pipes, and discharging effluent via a 50 mm diameter gravity pipe to the secondary sedimentation tank described below;
- one (1) 6,813 L two-compartment secondary sedimentation tank, equipped with two (2) access risers fitted to grade with watertight and lockable covers, discharging effluent via a 50 mm diameter gravity pipe to the intermediate pump tank described below;
- one (1) intermediate pump tank with a minimum volume of 1,892 L, equipped with a high level audible/visual alarm and two (2) access risers fitted to grade with watertight and lockable covers, discharging effluent via a 50 mm diameter suction pipe to the packaged treatment system described below;
- one (1) 13,249 L holding tank, equipped with a high level audible/visual alarm and two (2) access risers fitted to grade with watertight and lockable covers, receiving effluent from the intermediate pump tank described above during malfunctions of the packaged treatment system described below only;

- one (1) packaged treatment system (Clean Technologies Inc. PR50 water reclamation unit), consisting of pump with a rated capacity of 151.4 L/min, a 5 micron high-media filter, a filter backwash system using fresh water, and an ozone injection system, discharging:
 - backwash water and ozone-dosed water to the primary sedimentation tank; and
 - filtered water for reuse in the agricultural wash pit at a maximum flow of 21,850 L/day;

including all other mechanical system, electrical system, instrumentation and control system, standby power system, piping, pumps, valves and appurtenances essential for the proper, safe and reliable operation of the Works in accordance with this Approval, in the context of process performance and general principles of wastewater engineering only;

all in accordance with the submitted supporting documents listed in Schedule A.

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

"Approval" means this entire document including the application and any supporting documents listed in any schedules in this Approval;

"Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;

"District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;

"EASR" means Environmental Activity and Sector Registry, a public, web-based system that allows businesses conducting certain activities to register them with the ministry, rather than applying for an environmental approval.

"EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;

"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;

"NMA" means the *Nutrient Management Act*, 2002, S.O. 2002, c. 4, as amended;

"Owner" means 2076939 Ontario Inc., including any successors and assignees;

"OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40;

"Works" means the sewage works described in the Owner's application, and 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 terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.
3. Where there is a conflict between a provision of any document referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.

2. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within 30 days of the change occurring:
 - a. change of address of Owner;
 - b. change of Owner, including address of new 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. RECORD DRAWING

1. A set of as-built drawings showing the works “as constructed” shall be prepared. These drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the Works for the operational life of the Works.

4. 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 prepare an operations manual prior to the commencement of operation of the sewage works, that includes, but not necessarily limited to, the following information:
 - a. operating procedures for routine operation of the Works;
 - b. a description of the system which ensures that washwater and sludge are:
 - a. transferred by a hauler approved by the Ministry or registered on EASR; and
 - b. managed in accordance with the NMA, EPA, and/or OWRA;
 - c. inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary;
 - d. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
 - e. contingency plans and procedures for dealing with spills and abnormal situations and for notifying the District Manager; and
 - f. complaint procedures for receiving and responding to public complaints.
3. The Owner shall maintain the operations manual up to date through revisions undertaken from time to time and retain a copy at the location of the sewage works. Upon request, the Owner shall make the manual available for inspection and copying by Ministry personnel.
4. The Owner shall inspect the Works at the beginning and end of the season at a minimum, and monthly when processing is in operation.
5. The Owner shall ensure that the sludge/sediment within wastewater treatment system's tanks is removed at a minimum of twice per season or at the frequency required to maintain efficiency of the treatment system, whichever comes first.
6. The Owner shall maintain a logbook to record the results of all inspections, repair and maintenance undertaken, calibrations, monitoring and spill response or contingency measures undertaken and shall

make the logbook available for inspection by Ministry staff. The logbook shall include the following:

- a. the name of the operator making the entry; and
 - b. the date and results of each inspection, repair, maintenance, calibration, monitoring, spill response and contingency measure, including a tabulation of the volume of washwater and sludge sent for off-site disposal or deposition and a summary of the locations and volumes to where the washwater and sludge were disposed or deposited;
7. The Owner shall employ for the overall operation of the Works a person who possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.
 8. The Owner shall monitor and record the flow rate and daily quantity of influent flow to the wastewater treatment system by continuous flow measuring devices and/or instrumentations/pumping rates calibrated to an accuracy within plus or minus 15 per cent (+/- 15%) of the actual flowrate.
 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. Washwater and the sludge from the tanks shall only be disposed as follows:
 - a. if land-applied to agricultural lands, the washwater and sludge shall be managed in accordance with the requirements of the NMA and EPA; or
 - b. if disposed of at an approved wastewater treatment plant, the washwater and sludge shall be managed in accordance with the EPA, OWRA and any other relevant Ministry legislation;
 11. Washwater and sludge shall only be removed from the Works by a hauler approved by the Ministry to transport such waste/wastewater, or registered on the EASR, as required.

5. REPORTING

1. 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.
2. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.

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

1. Condition 1 regarding general provisions is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted.
2. Condition 2 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.
3. Condition 3 is included to ensure that the Works are constructed in accordance with the approval and that record drawings of the Works “as constructed” are maintained for future references.
4. Condition 4 regarding operation and maintenance is included to require that the Works be properly operated, maintained, funded, staffed and equipped such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. As well, the inclusion of a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the Owner. Such a manual is an integral part of the operation of the Works. Its compilation and use should assist the Owner in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for Ministry staff when reviewing the Owner's operation of the Works.
5. Condition 5 regarding reporting 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 this Approval.

Schedule A

1. Environmental Compliance Approval Application for a Municipal and Private Sewage Works submitted and signed by Pat Belanger, President of 2076939 Ontario Inc., dated May 12, 2021 and received on May 13 and all supporting documentation and information.
2. Emails from Ian McGuire, Cornerstone Group, to Nick Zambito, MECP, dated August 11, 2021, August, 12, 2021, August 13, 2021, and August 22, 2021.

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

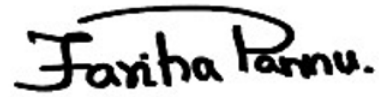
The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** 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 29th day of September, 2021



Fariha Pannu, P.Eng.

Director

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

NZ/

c: District Manager, MECP Sarnia
Pat Belanger, Cornerstone Group