

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7366-BS9S8Y

Issue Date: September 1, 2020

Stoney Point Trailer Park Inc.
1003 River Rd
Post Office Box, No. 151
Asphodel-Norwood, Ontario
K0L 1Y0

Site Location: Stoney Point Trailer Park,
1003 River Road,
Township of Asphodel-Norwood,
County of Peterborough
Ontario, K0L 1Y0

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 of sewage Works servicing the existing seasonal Camping Park Site consisting of 103 Trailer Sites and 4 transient trailer Sites for the treatment of domestic sewage and subsurface effluent disposal, rated at a peak design capacity of 17,124 litres per day, consisting of the following:

Proposed Sewage System:

1. Replaced House (Q = 1600L/d) : one (1) two chamber septic tank with effluent filter, having a capacity of 3,600L to discharge into a 716L capacity pump chamber complete with a 1/3Hp submersible pump with all controls to dose effluent into a proprietary treatment system laid on a raised bed as follows:

a: Infiltrator Advanced Treatment Leachfield (ATL): the treatment system consists of twenty (20) 300 mm diameter perforated pipes arranged in 4 rows of 5 pipes joined together and are fed with 100 mm diameter perforated pipes from the dosing forcemain, filled with large and small diameter synthetic aggregates, wrapped in fine geotextile filter cloth and have a built in sampling port to discharge filtered effluent under the pipe system in the disposal bed as described below:

b: A raised bed having an area of 88 sq.m. (16.2mX5.5m), composed of 230 mm deep sand layer with percolation rate of 6 min/cm to 10 min/cm and topped with 150 mm deep native soil backfill with T value not over 20 min/cm;

2. Workshop Area : Sewage flow from six trailer sites in the workshop area is collected in an existing 3,600L capacity septic tank to be converted into a pump tank complete with a 1/2HP submersible pump to discharge sewage into a septic tank to service Recreation Hall as described below:

3. Recreation Hall (Q=3,390L/d): one (1) two chamber septic tank with effluent filter with vented access and charcoal filter, having a capacity of 9,755L to discharge into a 2,970L capacity pump chamber complete with a 1/2Hp submersible pump with all controls to dose effluent at a rate of 565 L/cycle of 15 minute per hour into a treatment system laid on a raised bed as follows:

a: Infiltrator Advanced Treatment Leachfield (ATL): the treatment system consists of forty-nine (49) 300 mm diameter perforated pipes arranged in 7 rows of 7 pipes joined together and are fed with 100 mm diameter perforated pipes from the dosing forcemain, filled with large and small diameter synthetic aggregates, wrapped in fine geotextile filter cloth and have a built in sampling port to discharge filtered effluent under the pipe system in the disposal bed as described below:

b: A raised bed having an area of 186 sq.m. (22mX9.7m), composed of 230 mm deep sand layer with percolation rate of 6 min/cm to 10 min/cm and topped with 150 mm deep native soil backfill with T value not over 20 min/cm;

4. West Washroom Area (Q=2,634L/day): one (1) two chamber septic tank with effluent filter with vented access and charcoal filter, having a capacity of 6,100L to discharge into a 1,350L capacity pump chamber complete with a 1/2Hp submersible pump with all controls to dose effluent at a rate of 439 L/cycle of 15minutes per hour into a proprietary treatment system laid on a raised bed as follows:

a: Infiltrator Advanced Treatment Leachfield (ATL): the treatment system consists of forty-two (42) 300 mm diameter perforated pipes arranged in 6 rows of 7 pipes joined together and are fed with 100 mm diameter perforated pipes from the dosing forcemain, filled with large and small diameter synthetic aggregates, wrapped in fine geotextile filter cloth and has a built in sampling port to discharge filtered effluent under the pipe system in the disposal bed as described below:

b: A raised bed having an area of 145 sq.m. (22mX8.3m), composed of 230 mm deep sand layer with percolation rate of 6 min/cm to 10 min/cm and topped with 150 mm deep native soil backfill with T value not over 20 min/cm;

all to work with the following existing system:

Existing Sewage System

1. Main Camp Ground servicing 90 trailer sites via gravity pipe system into three (3) lift stations (private collection system under Ontario Building Code) and being discharged into two (2) parallel septic tanks each having a capacity of 13,640L. Effluent from the septic tank is discharging into two (2) parallel connected siphon tanks of 3,600 L capacity to dispose effluent into a leaching bed as described below:

- In-ground Leaching bed: an in-ground leaching bed with two (2) cells of 610 m 75mm perforated pipes over an area of 464 sq.m. (30.5m X 15.2m) per cell of imported sand fill with an estimated percolation rate of 10

min/cm;

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

all in accordance with Supporting Documentation submitted to the Ministry as listed in the **Schedule A** in this Approval.

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

1. "Approval" means this entire document and any schedules attached to it, and the application;
2. "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;
3. "District Manager" means the District Manager of the Peterborough *District Office* ;
4. "EPA" means the *Environmental Protection Act* , R.S.O. 1990, c.E.19, as amended;
5. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
6. "Licensed Installer" means a person who is registered under the OBC to construct, install, repair, its behalf;
7. "OBC" means the Ontario Building Code;
8. "Owner" means Stoney Point Trailer Park Inc. and its successors and assignees;
9. "OWRA" means the *Ontario Water Resources Act* , R.S.O. 1990, c. O.40, as amended;
10. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
11. "Rated Capacity" means design daily sanitary sewage flow for which the Works are approved to handle;
12. "Regional Director" means the Regional Director of the Eastern Region of the Ministry;
13. "Works" means the approved sewage works, and includes Proposed Works, and Existing Works.

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 submitted documents, 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.

2. EXPIRY OF APPROVAL

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 Informations 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.

4. CONSTRUCTION

(1) The Owner shall ensure that the construction of the works is supervised by a licensed installer or a Professional Engineer, as defined in the Professional Engineers Act .

(2) Upon construction of the Works, the Owner shall prepare a statement, certified by a licensed installer or 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.

(3) 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.

(5) The Owner shall decommission existing on-site sewage system, if any, to the satisfaction of the District Manager and upon completion report in writing to the District Manager.

5. MONITORING AND RECORDING

The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program in **Table 1 of Schedule B:**

(1) All samples and measurements taken for the purposes of this Approval are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

(2) Samples shall be collected of the effluent being discharged to the subsurface disposal system at the frequency specified, by means of the specified sample type and analyzed for each parameter listed and all results recorded.

(6) The Owner shall measure and record the daily volume of effluent being discharged to subsurface disposal system.

(7) The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following:

(a) the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended from time to time by more recently published editions;

(b) the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions; and

(c) the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition), as amended from time to time by more recently published editions.

(8) 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 monitoring activities required by this Approval.

6. EFFLUENT OBJECTIVES

The Owner shall use best efforts to design, construct and operate the Works with the objective that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent being discharged to the subsurface disposal system as per **Table 2 of Schedule B**.

7. OPERATIONS AND MAINTENANCE

(1) The Owner shall prepare an operations manual within six (6) months of the introduction of sewage to the Works, 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 all the tanks and treatment units;

(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.

(2) 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.

(3) The Owner shall prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology or its authorized agent and a complete set of "as constructed" drawings within one (1) year of Substantial Completion of the Works. The maintenance agreement and drawings must be retained at the site and kept current.

(4) 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 filters are cleaned out at minimum once a year or more often if required.

(5) The Owner shall ensure that grass-cutting is maintained regularly over all the subsurface disposal beds, and the drainage operations in all beds are visually observed on a monthly basis. In the event a break-out is observed from a subsurface disposal bed, the Owner shall ensure that the sewage discharge to the bed is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within one (1) week. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and safely collected and disposed off through a licensed waste hauler to an approved waste disposal site.

(6) The Owner shall ensure that adequate steps are taken to ensure that the area of the Works are protected from all forms of vehicle traffic.

(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. 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 Environmental Protection Act, the Owner shall, within 10 working days of the occurrence of any reportable spill as defined in Ontario Regulation 675/98, loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and schedule of implementation.

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

(4) The Owner shall prepare and submit a performance report, on an annual basis, within ninety (90) days following the end of each operational season to the District Manager. The first such report shall cover the first annual period following the commencement of operation of the Works and subsequent

reports shall be submitted to cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:

- (a) a summary and interpretation of all monitoring data and a comparison to the Effluent Limits (Condition 7) including an overview of the success and adequacy of the Works;
- (b) a review and assessment of performance of sewage works, including treatment units and disposal beds;
- (c) a description of any operating problems encountered and corrective actions taken at all sewage Works located at the property;
- (d) a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property;
- (e) a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- (f) a summary and description of efforts made and results achieved in meeting the Effluent Objectives of Condition 6;
- (g) a summary and interpretation of all flow data and results achieved in not exceeding the maximum daily flow discharged into the subsurface disposal system;
- (h) a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- (i) a summary of all spill or abnormal discharge events;
- (j) a report on decommissioning of all components of the existing sewage works;
- (k) any other information the District Manager requires from time to time;

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 enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives specified in the Approval and that the Works does not cause any impairment to the receiving watercourse.
6. Condition 6 is imposed to establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to strive towards on an ongoing basis. These objectives are to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.
7. Condition 7 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected. As well, the inclusion of an operations manual, maintenance agreement with the manufacturer for the treatment process/technology and a complete set of "as constructed" drawings governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the owner and made available to the Ministry. Such information 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 work.
8. Condition 8 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.

Schedule A

1. Application for Approval of Municipal and Private Sewage Works submitted by Kevin Warner, P.Geo. of Cambium Inc., dated June 10, 2020 and received on July 2, 2020 ;
2. Design brief for a new Environmental Compliance Approval (Sewage) for the existing subsurface disposal works that service Stoney Point Trailer Park: Wastewater System, namely Wastewater System Assessment Report dated June 25, 2020, by Kevin Warner, P.Geo. of Cambium Inc.

Schedule B

Table 1 - Effluent Monitoring - (ALT Effluent from the sampling ports, sample taken prior to discharge to the subsurface disposal beds underneath)	
Frequency	Once a month during the months of May, July, August and October
Sample Type	Grab
Parameters	CBOD ₅ , Total Suspended Solids and Total Nitrogen.

Table 2 - Effluent Objectives	
Effluent Parameter	Concentration Objective (milligrams per litre unless otherwise indicated)
CBOD ₅	15
Total Suspended Solids	15

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 1st day of September, 2020

A handwritten signature in black ink that reads "Fariha Pannu." The signature is written in a cursive style with a horizontal line above the name.

Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

MN/

c: District Manager, MECP Peterborough
Kevin Warner, Cambium Inc