

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 5398-BYHJ6X  
Issue Date: June 30, 2021

Egan's Campground Inc.  
4159 County Road 50  
Loretto, Ontario  
L0G 1L0

Site Location: Egan's Campground  
4159 County Road 50, Loretto  
Lot 26, Concession 6  
Township of Adjala-Tosorontio, County of Simcoe  
L0G 1L0

*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 for the treatment and subsurface disposal of domestic sewage, rated at a total maximum design capacity of 72,300 L/day, constructed in three phases identified as Phase I, Phase II and Phase III, sewage works serving each phase rated at a maximum design capacity of 24,100 L/day, to service a seasonal campground operating from May to October and consisting of one hundred fifty (150) existing trailer sites, one (1) comfort station building, one (1) maintenance building, one (1) store building, one (1) events building and one (1) outdoor pool, located within the Egan's Campground, in the Township of Adjala-Tosorontio, County of Simcoe, consisting of the following:

Holding Tanks

- one hundred fifty (150) individual precast concrete holding tanks (Newmarket Precast Concrete Products Model 675 Tank or Equivalent Equipment), each tank located at each trailer site and collecting raw sewage from one (1) trailer, each tank having a minimum working capacity of 669 L, complete with one (1) liquid level float connected to a device that shall produce an audible and visual warning alarm and pump-out on as needed basis by an on-site mobile pump trailer to the first of two septic tanks;

## Phase I

the establishment of sewage works for the treatment and subsurface disposal of domestic sewage, rated at a maximum design capacity of 24,100 L/day, consisting of the following:

- two (2) one-compartment precast concrete septic tanks (Newmarket Precast Concrete Products Model 50000 Tank or Equivalent Equipment), installed in series, each tank having a minimum working capacity of 46,865 L and two (2) access ports, each complete with a vented raiser lid equipped with activated charcoal pellets for odour control, the first tank receiving raw sewage from individual holding tanks and the second tank complete with one (1) effluent filter (PolyLok PL525 or Equivalent Equipment) rated at a design capacity of 48,865 L/day, installed on the outlet pipe and discharging the effluent by gravity to a dosing pump chamber;
- a phosphorous removal system placed into a prefabricated spill containment enclosure (PIG roll-top hard cover spill pallet Model PAK601 or Equivalent Equipment) consisting of a 272 kg capacity alum drum and one (1) alum dosing pump (Prominent Concept plus solenoid-driven diaphragm metering pump Model #CNPb 1000 or Equivalent Equipment) having a rated capacity of approximately 0.7 L/h with 40:1 turn-down, dosing a calculated amount of alum to the inlet pipe of the first septic tank;
- one (1) one-compartment precast concrete dosing pump tank (Newmarket Precast Concrete Products Model 13500 Tank or Equivalent Equipment), receiving effluent from the second septic tank, having a minimum working capacity of 14,112 L and two (2) access ports, each complete with a vented raiser lid equipped with activated charcoal pellets for odour control, housing two (2) alternating on-demand submersible effluent pumps (Little Giant Model WS50HM-12-20 or Equivalent Equipment), each pump rated at 350 L/min at a total dynamic head (TDH) of 7.2 m, complete with a watertight access cover, discharge piping and three (3) liquid level floats with a high liquid level float connected to a device that shall produce an audible and visual warning alarm, discharging via one (1) 50 mm diameter forcemain delivering approximately (7) cycles per day of an approximate volume of 3,514 L/cycle for a total effluent flow of 24,100 L/day via one (1) splitter box and two (2) distribution boxes to an Equalizer 36 Chamber System;
- a 37 m long and 72.2 m wide Equalizer 36 Chamber System in lieu of absorption trenches constructed of stone and distribution pipe, rated at a maximum design capacity of 24,100 L/day and having a total contact area of approximately 2,671 m<sup>2</sup>, consisting of a raised leaching bed consisting of two (2) cells, each cell having two hundred eighty eight (288) - 1.22 m long Infiltrator Quick 4 Equalizer 36 Chambers with a total length of infiltration chambers of 351.4 of Infiltrator Quick 4 Equalizer 36 Chambers installed in twelve (12) - 29.3 m long runs and complete with 75 mm diameter distribution piping located within the chambers and extending the total length of the chambers, centred at least 1.6 metres apart, installed within a minimum 1.35 m deep layer of imported sand fill with a percolation time of 8 min/cm, with the bottom of the chambers installed at least 900 mm above the high groundwater table, rock or soil with a percolation time greater than 50 min/cm, complete with a minimum 250 mm thick native soil with a percolation time of 8 min/cm mantle extending a minimum of 15 m beyond the outermost infiltration chambers in any direction which effluent will move laterally in the soil away from the leaching bed;
- all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage works;

## Phase II

the establishment of sewage works for the treatment and subsurface disposal of domestic sewage, rated at a maximum design capacity of 24,100 L/day, consisting of the following:

- two (2) one-compartment precast concrete septic tanks (Newmarket Precast Concrete Products Model 50000 Tank or Equivalent Equipment), installed in series, each tank having a minimum working capacity of 46,865 L and two (2) access ports, each complete with a vented raiser lid equipped with activated charcoal pellets for odour control, the first tank receiving raw sewage from individual holding tanks and the second tank complete with one (1) effluent filter (PolyLok PL525 or Equivalent Equipment) rated at a design capacity of 48,865 L/day, installed on the outlet pipe and discharging the effluent by gravity to a dosing pump chamber;
- a phosphorous removal system placed into a prefabricated spill containment enclosure (PIG roll-top hard cover spill pallet Model PAK601 or Equivalent Equipment) consisting of a 272 kg capacity alum drum and one (1) alum dosing pump (Prominent Concept plus solenoid-driven diaphragm metering pump Model #CNPb 1000 or Equivalent Equipment) having a rated capacity of approximately 0.7 L/h with 40:1 turn-down, dosing a calculated amount of alum to the inlet pipe of the first septic tank;
- one (1) one-compartment precast concrete dosing pump tank (Newmarket Precast Concrete Products Model 13500 Tank or Equivalent Equipment), receiving effluent from the second septic tank, having a minimum working capacity of 14,112 L and two (2) access ports, each complete with a vented raiser lid equipped with activated charcoal pellets for odour control, housing two (2) alternating on-demand submersible effluent pumps (Little Giant Model WS50HM-12-20 or Equivalent Equipment), each pump rated at 350 L/min at a total dynamic head (TDH) of 7.2 m, complete with a watertight access cover, discharge piping and three (3) liquid level floats with a high liquid level float connected to a device that shall produce an audible and visual warning alarm, discharging via one (1) 50 mm diameter forcemain delivering approximately (7) cycles per day of an approximate volume of 3,514 L/cycle for a total effluent flow of 24,100 L/day via one (1) splitter box and two (2) distribution boxes to an Equalizer 36 Chamber System;
- a 37 m long and 72.2 m wide Equalizer 36 Chamber System in lieu of absorption trenches constructed of stone and distribution pipe, rated at a maximum design capacity of 24,100 L/day and having a total contact area of approximately 2,671 m<sup>2</sup>, consisting of a raised leaching bed consisting of two (2) cells, each cell having two hundred eighty eight (288) - 1.22 m long Infiltrator Quick 4 Equalizer 36 Chambers with a total length of infiltration chambers of 351.4 of Infiltrator Quick 4 Equalizer 36 Chambers installed in twelve (12) - 29.3 m long runs and complete with 75 mm diameter distribution piping located within the chambers and extending the total length of the chambers, centred at least 1.6 metres apart, installed within a minimum 1.35 m deep layer of imported sand fill with a percolation time of 8 min/cm, with the bottom of the chambers installed at least 900 mm above the high groundwater table, rock or soil with a percolation time greater than 50 min/cm, complete with a minimum 250 mm thick native soil with a percolation time of 8 min/cm mantle extending a minimum of 15 m beyond the outermost infiltration chambers in any direction which effluent will move laterally in the soil away from the leaching bed;
- all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage works;

### Phase III

the establishment of sewage works for the treatment and subsurface disposal of domestic sewage, rated at a maximum design capacity of 24,100 L/day, consisting of the following:

- two (2) one-compartment precast concrete septic tanks (Newmarket Precast Concrete Products Model 50000 Tank or Equivalent Equipment), installed in series, each tank having a minimum working capacity of 46,865 L and two (2) access ports, each complete with a vented raiser lid equipped with activated charcoal pellets for odour control, the first tank receiving raw sewage from individual holding tanks and the second tank complete with one (1) effluent filter (PolyLok PL525 or Equivalent Equipment) rated at a design capacity of 48,865 L/day, installed on the outlet pipe and discharging the effluent by gravity to a dosing pump chamber;
- a phosphorous removal system placed into a prefabricated spill containment enclosure (PIG roll-top hard cover spill pallet Model PAK601 or Equivalent Equipment) consisting of a 272 kg capacity alum drum and one (1) alum dosing pump (Prominent Concept plus solenoid-driven diaphragm metering pump Model #CNPb 1000 or Equivalent Equipment) having a rated capacity of approximately 0.7 L/h with 40:1 turn-down, dosing a calculated amount of alum to the inlet pipe of the first septic tank;
- one (1) one-compartment precast concrete dosing pump tank (Newmarket Precast Concrete Products Model 13500 Tank or Equivalent Equipment), receiving effluent from the second septic tank, having a minimum working capacity of 14,112 L and two (2) access ports, each complete with a vented raiser lid equipped with activated charcoal pellets for odour control, housing two (2) alternating on-demand submersible effluent pumps (Little Giant Model WS50HM-12-20 or Equivalent Equipment), each pump rated at 350 L/min at a total dynamic head (TDH) of 7.2 m, complete with a watertight access cover, discharge piping and three (3) liquid level floats with a high liquid level float connected to a device that shall produce an audible and visual warning alarm, discharging via one (1) 50 mm diameter forcemain delivering approximately (7) cycles per day of an approximate volume of 3,514 L/cycle for a total effluent flow of 24,100 L/day via one (1) splitter box and two (2) distribution boxes to an Equalizer 36 Chamber System;
- a 37 m long and 72.2 m wide Equalizer 36 Chamber System in lieu of absorption trenches constructed of stone and distribution pipe, rated at a maximum design capacity of 24,100 L/day and having a total contact area of approximately 2,671 m<sup>2</sup>, consisting of a raised leaching bed consisting of two (2) cells, each cell having two hundred eighty eight (288) - 1.22 m long Infiltrator Quick 4 Equalizer 36 Chambers with a total length of infiltration chambers of 351.4 of Infiltrator Quick 4 Equalizer 36 Chambers installed in twelve (12) - 29.3 m long runs and complete with 75 mm diameter distribution piping located within the chambers and extending the total length of the chambers, centred at least 1.6 metres apart, installed within a minimum 1.35 m deep layer of imported sand fill with a percolation time of 8 min/cm, with the bottom of the chambers installed at least 900 mm above the high groundwater table, rock or soil with a percolation time greater than 50 min/cm, complete with a minimum 250 mm thick native soil with a percolation time of 8 min/cm mantle extending a minimum of 15 m beyond the outermost infiltration chambers in any direction which effluent will move laterally in the soil away from the leaching bed;
- 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 the Supporting Documentation listed in Schedule A.

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

1. "Annual Maximum Daily Influent Flow" means the maximum Influent collected in a single day during a calendar year;
2. "Approval" means this entire Approval document and any Schedules to it, including the application and Supporting Documentation;
3. "BOD<sub>5</sub>" (also known as TBOD<sub>5</sub>) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;
4. "CBOD<sub>5</sub>" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;
5. "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;
6. "Grab Sample" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;
7. "District Manager" means the District Manager of the Barrie District Office;
8. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
9. "Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;
10. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;
11. "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;
12. "OBC" means the Ontario Building Code;
13. "Owner" means Egan's Campground Inc. and its successors and assignees;
14. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
15. "Rated Capacity" means design daily sanitary sewage flow for which the Works are approved to handle;
16. "Seasonal Average Daily Effluent Flow" means the cumulative total Final Effluent discharged during a season divided by the number of days during which Final Effluent was discharged that

season;

17. "Seasonal Average Effluent Concentration" means the arithmetic mean of all Single Sample Results of the concentration of a contaminant in the Final Effluent sampled or measured, or both, during a seasonal discharge period;
18. "Supporting Documentation" means the documents listed in Schedule A of this Approval;
19. "Works" means the sewage works described in the Owner's applications, this Approval and in the supporting documentation referred to herein, to the extent approved by 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. 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 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 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 Engineering Practitioner.
2. The Owner shall ensure that the Infiltrator Quick 4 Equalizer 36 Chambers are installed in accordance with the Manufacturer's Installation Manual.
3. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the Ontario Building Code are satisfied.
4. 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 Licensed Engineering Practitioner for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.
5. The Owner shall ensure that the construction of the next Phase sewage works will commence as soon as the daily sewage flow generated at the site approaches 24,100 L/day (Phase I) and 48,200 L/day (Phase II).
6. Upon construction of the Works, the Owner shall prepare a statement, certified by a Licensed Engineering Practitioner, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.
7. 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. MONITORING AND RECORDING**

The Owner shall, upon commencement of operation of the Phase I sewage works, carry out the following monitoring program:

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 at the sampling points, at the sampling frequency and using the sample type specified for each parameter listed in the Influent Monitoring Table included in Schedule B.
3. Samples shall be collected at the sampling points, at the sampling frequency and using the sample type specified for each parameter listed in the Effluent Monitoring Table included in Schedule B.
4. 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 subsurface disposal system.
5. The Owner shall ensure that flow of treated effluent discharged into each subsurface sewage system does not exceed 24,100 L/day. The sewage generated at the site above the daily design sanitary sewage flow of 24,100 L/day shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site until the introduction of sewage to the next Phase sewage works.
6. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
  - 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.
7. 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**

1. The Owner shall design and undertake everything practicable to operate the Works in accordance with the following objectives:
  - a. Final Effluent parameter design objective listed in the table included in Schedule B;



2. For the purposes of subsection (1):
  - a. The Seasonal Average Effluent Concentration of Total Phosphorus named in Column 1 of Effluent Objective Table listed in Schedule B, as expressed as seasonal average concentration, should be compared to the corresponding concentration set out in Column 2 of Effluent Objective Table listed in Schedule B.

## **7. EFFLUENT LIMITS**

1. The Owner shall design, construct, operate and maintain the Works such that the concentration of the material named as effluent parameter in the Effluent Limit Table in Schedule B is not exceeded in the effluent from the outlet pipe of the second septic tank of Phases I, II and III, prior to discharge to the Equalizer 36 Chamber System of Phases I, II and III:
2. For the purposes of determining compliance with and enforcing subsection (1):
  - a. The Seasonal Average Effluent Concentration of Total Phosphorus named in Column 1 of Effluent Limit Table listed in Schedule B shall not exceed the corresponding maximum concentration set out in Column 2 of Effluent Limit Table listed in Schedule B.

## **8. OPERATIONS AND MAINTENANCE**

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, 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 within six (6) months of the introduction of sewage to the Phase I sewage 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 Spills Action Centre (SAC) and District Manager;

and

- f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
3. The Owner shall maintain an up to date operations manual and make the manual readily accessible for reference at the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.
4. The Owner shall, upon the construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.
5. The Owner shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the sewage Works do not constitute a safety or health hazard.
6. The Owner shall maintain and service the Works in such a manner that leaks and spills are prevented, and shall use best efforts to immediately identify and clean up all spills.
7. The Owner shall ensure that during the operating season, each holding tank and the on-site mobile pump trailer are inspected on a weekly (once every week) basis.
8. The Owner shall maintain a logbook and keep the logbook at the site and make it available for inspection by the Ministry staff. The logbook shall include the following:
  - a. the results of Operation and Maintenance activities specified in the above sub-clauses;
  - b. the date, time and volume of the sewage pump-out from each holding tank;
  - c. observances (including location) of any leaks and/or spills at or around any component of the holding tanks and the on-site mobile pump trailer, including recommendations for remedial action and the actions taken to mitigate the situation.
9. 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.
10. The Owner shall ensure that grass-cutting is maintained regularly over the subsurface disposal beds, and that adequate steps are taken to ensure that the area of the underground works is protected from vehicle traffic.
11. The Owner shall visually inspect the general area where sewage Works are located for break-out once every month during the operating season.

12. In the event a break-out is observed from a subsurface disposal bed, or a leak or spill is observed from any component of a holding tank, the Owner shall do the following:
  - a. sewage discharge to that subsurface disposal system or 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 or leak or spill;
  - d. access to the break-out or leak or spill 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.
13. 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.
14. 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

## **9. REPORTING**

1. One week prior to the start up of the operation of the Phase I sewage works, the Owner shall notify the District Manager (in writing) of the pending start up date.
2. The Owner shall report to the District Manager orally as soon as possible any non-compliance with the compliance limits, and in writing within seven (7) days of non-compliance.
3. 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.
4. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
5. 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 Phase I sewage works and subsequent reports shall cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:

- a. a summary and description of efforts made and results achieved in meeting the Effluent Objectives of Condition 6;
- b. a summary and interpretation of all monitoring data and a comparison to the Effluent Limits of Condition 7 including an overview of the success and adequacy of the Works, and a Contingency Plan in the event of not in compliance with the Effluent Limits.
- c. a tabulation of the time and volume of sewage pump outs from the holding tanks in the reporting period;
- d. a summary and interpretation of all daily flow data and results achieved in not exceeding the maximum daily sewage flow discharged into each one of the subsurface disposal system;
- e. a review and assessment of performance of sewage works, including all treatment units and disposal beds;
- f. a description of any operating problems encountered and corrective actions taken at all sewage Works located at the property;
- g. a record of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property' including but not limited to: records of maintenance inspections for the treatment system, records of septic tank effluent filters cleaning, records of holding tanks pump-outs records of septic tanks pump-outs, records records of visual inspections of the on-site mobile pump trailer and all holding tanks and disposal systems;
- h. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- i. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- j. a summary of all spill or abnormal discharge events; and
- k. any other information the District Manager requires from time to time;

## **10. 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 of 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 imposed to ensure that the effluent discharged from the Works to the groundwater meets the Ministry's effluent quality requirements thus minimizing environmental impact on the receiver.
8. Condition 8 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.
9. Condition 9 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.
10. Condition 10 is included to ensure that any components of un-used Works are properly decommissioned.

## **Schedule A**

1. Environmental Compliance Approval Application submitted by Cambium Inc., dated October 17, 2019 and received on October 30, 2019.
2. The design report titled "Hydrogeological Assessment for Sewage Works Environmental Compliance Approval, Egan's Campground", dated October 25, 2019, including final plans and specifications, prepared by Cambium Inc.
3. All other information and documentation provided by Cambium Inc.

## Schedule B

### Influent Monitoring Table

<b>Sampling Location</b>	Upstream of the first septic tank of Phases I, II and III
<b>Frequency</b>	Twice per year during the operating season
<b>Sample Type</b>	Grab
<b>Parameters</b>	BOD <sub>5</sub> Total Suspended Solids (TSS) Total Kjeldahl Nitrogen (TKN) Total Phosphorus (TP)

### Effluent Monitoring Table

<b>Sampling Location</b>	The outlet pipe of the second septic tank of Phases I, II and III, prior to discharge to the Equalizer 36 Chamber System of Phases I, II and III
<b>Frequency</b>	Monthly (once every month) during the operating season
<b>Sample Type</b>	Grab
<b>Parameters</b>	Total Phosphorus (TP)



### Effluent Objective Table

<b>Effluent Parameter</b> (the outlet pipe of the second septic tank of Phases I, II and III)	<b>Seasonal Average Effluent Concentration Objective</b> (milligrams per litre unless otherwise indicated)
Total Phosphorous	1

### Effluent Limit Table

<b>Effluent Parameter</b> (the outlet pipe of the second septic tank of Phases I, II and III)	<b>Seasonal Average Effluent Concentration Limit</b> (milligrams per litre unless otherwise indicated)
Total Phosphorous	2

*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

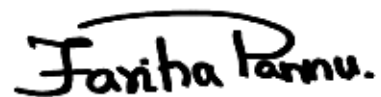
The Director appointed for the purposes of  
Part II.1 of the Environmental Protection Act  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* 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](http://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 30th day of June, 2021

A handwritten signature in black ink that reads "Fariha Pannu." The signature is written in a cursive style with a large, sweeping initial 'F'.

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Fariha Pannu, P.Eng.

Director

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

KC/

c: District Manager, MECP Barrie District Office

Kevin Warner, P.Geo., Senior Project Manager - Hydrogeologist, Cambium Inc.

Doug Sittand, Director of Infrastructure and Development, Township of Adjala-Tosorontio