

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5004-CCASC8
 Issue Date: June 10, 2022

1869472 Ontario Inc.
 601 Second Road East
 Hamilton, Ontario
 L8J 2Y1

Site Location: Twin Lakes Resort
 1009 Taylor Road
 Township of Minden Hills, County of Haliburton
 K0M 2K0

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:

Existing and proposed sewage works for the treatment and subsurface disposal of a combined total maximum daily sewage flow of 32,900 litres per day to serve the following facilities, all located at 1009 Taylor Road in Township of Minden Hills, Ontario:

- a. Main building (former dining hall) under renovation with plans for 20 - 1-bedroom units
- b. Building with eight 1-bedroom units (8-plex)
- c. Building with six 1-bedroom units (6-plex)
- d. Eight 1-Bedroom cottages
- e. Three 2-Bedroom cottages
- f. Two 2-Bedroom cottages
- g. One 3-Bedroom dwelling
- h. One duplex building (former sauna building and exercise room)

Design Capacity with All Treatment Trains in Operation	Existing Works
Maximum Daily Flow	32,900 L/d

The sewage works comprise;

Proposed Works - Advanced Treatment Works and Type A Area Bed

Flow Equalization Tank (EQT)

- One (1) 30,200 L flow equalization tank EQT, located north of Proposed A area bed, receiving raw sewage from all buildings (except the two 2-bedroom cottages), designed for a flow rate of 1.35 m³/hour and hydraulic retention time of 22.4 hours, equipped with two 0.5 Hp sewage pumps, discharging via 50mm forcemain to sludge storage and primary clarifier tank;

Sludge Storage and Primary Clarifier Tank (SS and PC)

- One (1) 29,600 L sludge storage and primary clarifier tank SS, located east of proposed EQT tank, receiving flow from the equalization tank EQT as well as recirculated flow from the downstream Secondary Clarifier (SC) tank discharging by gravity into Bioreactor Tank 1 (BR1);

Moving Bed Bioreactor (MBBR) Bioreactor 1 and Bioreactor 2 (BR1 and BR2)

- Two (2) Moving Bed Biofilm Reactor (MBBR) Tanks operating in series, having volume capacities of 7,800 Litres and 7,200 Litres, designed with an overall 9.3 hours retention time, containing a combined volume of 5.5 cubic metres of engineered plastic carrier media, equipped with fine bubble diffuser aeration system, air blowers, effluent recirculation pumps recirculating effluent to primary sedimentation tank SS, discharging into a secondary clarifier by gravity;

Secondary Clarifier (SC) and Effluent Pump Tank (EPT)

- One secondary clarifier (SC) and Effluent Pump Tank (EPT) having a total working volume of 21,000 L, the SC having one (1) sloped wall double hopper, one (1) surface skimmer, and two (2) sludge return pumps to recirculate sludge to the SS tank, discharging by gravity to the EPT which discharges to the type A area bed for final disposal using alternating on-demand duplex 0.5 hp effluent pumps having the capacity to dose 1716 L within 15 minutes at 4.5 m TDH

Phosphorus Removal System FPT (Installed Prviosionally and to be Operational after excedance of the TP Trigger Mechanism)

A Phosphorus Removal system, designed for total phosphorus removal, operating as required, comprising;

- One (1) chemical dosing system FR, injecting coagulant into the moving bed bioreactor MBBR including (1) chemical dosing pump (ProMinent model CNPb-1601), (1) back-pressure valve, tubing, 680 L storage tank, 400 L of coagulant (RE300 or equivalent), and low-level float switch to achieve effluent total phosphorus objectives;

Type A Dispersal Bed

- One Type A Dispersal Bed designed for the percolation rate of native soil (T-time) of 20 min/cm, and design capacity of 30,700 Litres per day, constructed with two cells of distribution pipe. each cell having 10 runs of 75 mm diameter perforated pipes with each pipe approximately 26 m long and equally spaced 1.2 m apart from centre to centre complete with imported sand fill (T-time of approximately 6 to 10 min/cm), and mantle area of 1887 m² contact area all installed in a 300 mm deep continuous stone layer having an area of 653 m², covered with a permeable geo-textile fabric;

Existing Works

- **Cottage 1**
Existing subsurface disposal works, having an estimated capacity of 1,100 Litres per day, servicing a 2-bedroom cottage, comprising of a 4,500 Litre septic tank and in-ground filter bed, located northwest of Cottage 1:
- **Cottage 2**
Existing subsurface disposal works, having an estimated capacity of 11,00 Litres per day, servicing a 2-bedroom cottage, comprising of a 4,500 Litre septic tank and in-ground filter bed, located northeast of Cottage 2;

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 **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. "BOD₅" (also known as TBOD₅) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;
3. "CBOD₅" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

4. "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;
5. "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;
6. "District Manager" means the District Manager of the [, *insert specific office*];
7. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
8. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
9. "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;
10. "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;
11. "OBC" means the Ontario Building Code, Ontario Regulation 332/12 (Building Code) as amended to January 1, 2015, made under the *Building Code Act*, 1992, S.O. 1992, c. 23;
12. "Owner" means 1869472 Ontario Inc., and its successors and assignees;
13. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
14. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
15. "Supporting Documentation" means the documents listed in Schedule A of this Approval;
16. "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 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. B.17* , as amended, shall be included in the notification;
 - 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. C.39* , as amended, shall be included in the notification.

2. The Owner shall notify the District Manager, in writing, of any of the following changes within thirty (30) days of the change occurring:
 - a. change of address of Operating Agency;
 - b. change of Operating Agency, including address of new Operating Agency.
3. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner in writing, of the existence of this Approval, and forward a copy of the notice to the District Manager.
4. The Owner shall ensure that all communications made pursuant to this condition refer to the environmental compliance approval number.

4. CONSTRUCTION

1. All Proposed Works in this Approval shall be constructed and installed and must commence operation within five (5) years of issuance of this Approval, after which time the Approval ceases to apply in respect of any portions of the Works not in operation. In the event that the construction, installation and/or operation of any portion of the Proposed Works is anticipated to be delayed beyond the time period stipulated, the Owner shall submit to the Director an application to amend the Approval to extend this time period, at least six (6) months prior to the end of the period. The amendment application shall include the reason(s) for the delay and whether there is any design change(s).
2. Upon completion of construction of the Proposed Works, the Owner shall prepare and submit a written statement to the District Manager, certified by a Licensed Engineering Practitioner, that the Proposed Works is constructed in accordance with this Approval.
3. One (1) week prior to the commencement of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start-up date.
4. Within one (1) year of completion of construction of the Proposed Works, a set of record drawings of the Works shall be prepared or updated. These drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be readily accessible for reference at the Works.

5. MONITORING AND RECORDING

The Owner shall, upon commencement of operation of the 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 point(s), at the sampling frequencies 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 point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the Effluent Monitoring Table included in **Schedule B**.
4. Samples shall be collected at the sampling point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the Groundwater Monitoring Table included in **Schedule B**.
5. Prior to the startup of the Works, background groundwater quality must be established by collecting groundwater samples and have them analyzed for the parameters listed in the Groundwater Monitoring Table included in **Schedule B**.
6. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal system except gravity systems, 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 the subsurface disposal system.
7. The Owner shall ensure that flow of treated effluent discharged into the subsurface sewage system does not exceed 30,700 Litres per day.
8. 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.
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 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 parameters design objectives listed in the table(s) included in Schedule B.
2. For the purposes of subsection (1):
 - a. The concentrations of CBOD5, TSS and TP, named in Column 1 of Effluent Objectives Table listed in Schedule B, as measured at each monitoring event, should be compared to the corresponding concentration set out in Column 2 of Effluent Objectives Table listed in **Schedule B**.

7. Trigger Mechanism

1. The Owner shall implement Trigger Mechanism for Total Phosphorus in accordance with the Groundwater Trigger Table and Groundwater Monitoring Table in the **Schedule B**.
2. Upon any exceedance of the Groundwater Trigger (Total Phosphorus), the Owner shall commence operation of the Phosphorus Removal System. This system shall remain operational, once it has commenced operation.

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 staffing and training, including training in all procedures and other requirements of this Approval and the OWRA and relevant regulations made under the OWRA, process controls and alarms and the use of process chemicals and other substances used in the Works.
2. The Owner shall prepare/update the operations manual for the Works within six (6) months of completion of construction of the Proposed Works, that includes, but not necessarily limited to, the following information:
 - a. operating procedures for the Works under Normal Operating Conditions;
 - b. inspection programs, including frequency of inspection, for 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 the Works;
 - d. procedures for the inspection and calibration of monitoring equipment;
 - e. operating procedures for the Works to handle situations outside Normal Operating Conditions and emergency situations such as a structural, mechanical or electrical failure, or an unforeseen flow condition;
 - f. 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;
 - g. procedures for receiving, responding and recording public complaints, including recording any followup 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 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.
 5. 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.
 6. 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.
 7. The Owner shall visually inspect the general area where sewage works are located for break-out once every month during the operating season.
 8. In the event a break-out is observed from a subsurface disposal bed, the Owner shall do the following:
 - a. sewage discharge to that subsurface disposal system 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;
 - 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.
9. The Owner shall ensure that the septic tanks be inspected at least twice per year by a qualified person, and the sewage sludge accumulated in the septic tanks be periodically withdrawn at the frequency required to maintain efficiency of the treatment system. The effluent filters in septic tanks shall be cleaned out at least once every six (6) months, when the tank is pumped out, or as determined by the Operating Agency, whichever comes first.
10. The Owner shall ensure that the Operating Agency possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.
11. The owner shall install one (1) groundwater monitoring well between the dispersal bed and the eastern property boundary and two (2) monitoring wells within the plume at or closer to the downgradient property boundary and collect samples at the frequency specified in **Schedule B**, by means of the specified sample type, analyze for each parameter listed and record all results
12. The Owner shall have a valid written agreement with a hauler who is in possession of a Waste Management Systems Approval, for the treatment and disposal of the sludge generated from the Works, at all times during operation of the Works.
13. The Owner shall ensure that flow of treated effluent discharged into the subsurface sewage system does not exceed **32,900 litres per day**.

9. CERTIFICATE OF REQUIREMENT

1. Pursuant to Section 197 of the EPA, no person having an interest in the Property, shall deal with the Property in any way without first giving a copy of this Approval to each person acquiring an interest in the Property as a result of the dealing.

2. The Owner shall:
 - i. within **sixty (60) days** of the date of the issuance of this Approval, submit to the Director for their review, two copies of a completed Certificate of Requirement and a registerable description of the Property; and
 - ii. within **ten (10) calendar days** of receiving the Certificate of Requirement authorized by the Director, register the Certificate of Requirement in the appropriate Land Registry Office on title to the Property and submit to the Director the duplicate registered copy immediately following registration.
3. For the purposes of this condition, Property shall mean the property located at 1009 Taylor Road, Part of Lot 9, Concession 9, Township of Minden Hills, Ontario

10. MONITORING AND RECORDING

1. The Owner shall, upon commencement of operation of the Works, carry out a scheduled monitoring program of collecting samples at the required sampling points, at the frequency specified or higher, by means of the specified sample type and analyzed for each parameter listed in the tables under the monitoring program included in Schedule B and record all results, as follows:
 - a. all samples and measurements are to be taken at a time and in a location characteristic of the quality and quantity of the sewage stream over the time period being monitored.
 - b. definitions and preparation requirements for each sample type are included in document referenced in Paragraph 2.b.
 - c. definitions for frequency:
 - i. Semi-annually means once every six months;
2. 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;
 - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;

- c. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
 - d. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b and 2.c, the written approval of the District Manager shall be obtained prior to sampling.
3. The Owner shall monitor and record the flow rate and daily quantity using flow measuring devices or other methods of measurement as approved below calibrated to an accuracy within plus or minus 15 per cent (+/- 15%) of the actual flowrate of the following:
- a. Influent flow to the Sewage Treatment Plant by continuous flow measuring devices and instrumentations/pumping rates
 - b. Final Effluent discharged from the Sewage Treatment Plant by continuous flow measuring devices and instrumentations/pumping rates
4. 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.

11. 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. 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 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 (Condition 6);
- b. a summary and interpretation of groundwater monitoring data including shallow groundwater flow direction, interpretation of analytical results and comparison with the Groundwater Trigger;
- c. a summary and interpretation of surface water monitoring data;
- d. a review and assessment of performance of sewage works, including all treatment units and disposal beds;
- e. a description of any operating problems encountered and corrective actions taken at all sewage Works located at the property;
- f. 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 septic tank pump-outs, records of sludge pump-outs accumulated from the treatment system, records of visual inspections of all disposal systems;
- g. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- h. 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;
- 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;
- k. any other information the District Manager requires from time to time;

12. 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 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.
6. Condition 6 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.
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 in order to require the Owner to give notice of this Approval to potential future owners of the property before the property is dealt with.
10. Condition 10 regarding monitoring and recording 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 and compliance limits.
11. Condition 11 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 12 is included to ensure that any components of un-used Works are properly decommissioned.

Schedule A

1. Application for Environmental Compliance Approval dated June 22, 2021 and received on June 11, 2021.

Schedule B

Effluent Objectives Table - Prior to the Phosphorus Trigger (Condition 7(2))*

Sampling Location: Effluent Pump Tank (upstream from subsurface disposal bed)

Final Effluent Parameter	Averaging Calculator	Objective (milligrams per litre unless otherwise indicated)
CBOD5	Annual Average Effluent Concentration	10 mg/L
Total Suspended Solids	Annual Average Effluent Concentration	10 mg/L

* Effluent Objectives applicable before any exceedence of Total Phosphorus Trigger as per Condition No. 7(2)

Effluent Objectives Table - After the Phosphorus Trigger (Condition 7(2))*

Sampling Location: Effluent Pump Tank (upstream from subsurface disposal bed)

Final Effluent Parameter	Averaging Calculator	Objective (milligrams per litre unless otherwise indicated)
CBOD5	Annual Average Effluent Concentration	10 mg/L
Total Suspended Solids	Annual Average Effluent Concentration	10 mg/L
Total Phosphorus	Annual Average Effluent Concentration	3 mg/L

* Effluent Objectives applicable after any exceedence of Total Phosphorus Trigger as per Condition No. 7(2)

Influent Monitoring Table

Sampling Location	Equalization Tank, upstream of the Treatment System
Frequency	Semi Annually (Fall and Spring)
Sample Type	Grab
Parameters	BOD5 Total Suspended Solids (TSS) Total Phosphorus (TP)

Effluent Monitoring Table

Sampling Location: Effluent Pump Tank (upstream from subsurface disposal bed)

Parameters	Sample Type	Minimum Frequency
CBOD ₅	Grab	Semi-annually (Spring and Fall)
Total Suspended Solids	Grab	Semi-annually (Spring and Fall)
Total Phosphorus	Grab	Semi-annually (Spring and Fall)

Groundwater Trigger

Parameter (sampled from proposed groundwater monitoring well)	Concentration Objective (milligrams per litre unless otherwise indicated)
Total Phosphorus (field filtered)	3

Groundwater Monitoring Table

Sampling Location	at monitoring well to be installed downgradient in the expected plume
Frequency	Semi Annually (Spring and Fall)
Sample Type	Grab
Parameters	Total Phosphorus (field filtered) Water level

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land 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 ("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:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

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

and

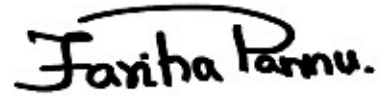
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.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 10th day of June, 2022

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

Fariha Pannu, P.Eng.

Director

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

KH/

c: District Manager, MECP Peterborough District.
Jeremy Tracey, P.Eng., Cambium Inc.