Ontario

Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7642-DFYS9A
Issue Date: June 13, 2025

The Camp Kintail Foundation
85153 Bluewater Highway
Township of Ashfield-Colborne-Wawanosh, ON N7A 3X9

Site Location: 85153 Bluewater Highway
Lot part of 22, Concession Front
Township of Ashfield-Colborne-Wawanosh, ON N7A 3X9

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 expansion, upgrades, usage and operation of the Works for the treatment of sanitary sewage and subsurface disposal of treated effluent, rated at a Maximum Daily Flow of 60,000 litres per day with a balanced flow of 52,000 litres per day, at the above site location and consisting of the following:

PROPOSED WORKS

one (1) sewage system servicing the Nest building, Harmony House, Camper/staff Cabins, and the McDonald Lodge, rated at Maximum Daily Flow of 60,000 litres per day with a balance flow of 52,000 litres per day and consisting of the following:

- one (1) 50,000 litres balancing tank, providing approximately 35,000 litres of balancing storage, equipped with duplex pumps each with rated capacity of 4.7 litres per second at 5.4 meters total dynamic head (TDH), discharging via a 50 millimetre diameter forcemain to the inlet of the first Anaerobic Digester of the Waterloo Biofilter Treatment System;

- one (1) Waterloo Biofilter Treatment System consists of the following:

    - three (3) 45,400 litres septic/sludge tanks (identified as Waterloo Biofilter Anaerobic Digester Tanks), equipped with three (3) effluent filters on the outlet of the third digester tank, operating in series, discharging to the Waterloo Biofilter Pump Tank;

    - one (1) 50,000 litres Waterloo Biofilter Pump Tank, equipped with one basket containing 12.1 cubic metres of the Waterloo Biofilter foam media and includes two submersible

effluent pumps operating alternatively via timer to provide dosing of the effluent to the Waterloo Biofilter Treatment Tanks;

- two (2) 50,000 litres Waterloo Biofilter Treatment Tanks, operating in parallel, each bulk filled with 51.0 cubic metres of biofilter media, with all tanks hydraulically interconnected with bottom drains such that effluent collects in the bottom of the 27,500 litres basket biofilter tank;

- one (1) 27,500 litres Waterloo Biofilter Treatment Tank, containing two (2) mesh baskets each basket filled with 10.8 cubic metres of biofilter media, hydraulically connected at the bottom by under drains, equipped with four (4) pumps -one simplex pump operates on a timer to recirculate a portion of the treated effluent to the inlet of the first anaerobic digester, second simplex pump doses a maximum of 15,000 litres per day to the two baskets of biofilter media within the tank providing enhanced treatment of effluent, and two (2) effluent pumps, P1 rated for 3.3 litres per second at a TDH of 20.9 metres and dose volume of approximately 650 litres per dose, P2 rated at 3.5 litres per second at a TDH of 20.1 metres and dose volume of approximately 650 litres per dose, P1 and P2 will dose the full design flow over a 24-hour period in accordance with the OBC requirements for Shallow Buried Trench Subsurface Disposal Bed; and

- one (1) Shallow Buried Trench Subsurface Disposal Bed, with a total of 1,740 metres of shallow buried trenches arranged in three (3) zones, Zone #1 has twenty-two (22) runs of 29 metre long chambers, Zone #2 has twenty (20) runs of 29 metre long chambers, Zone #3 has eighteen (18) runs of 29 metre long, each run of chambers spaced at a minimum centre-line distance of 2.0 metres, each installed at a maximum depth of 600 millimetres and each equipped with a 38 millimetre diameter pressurized perforated pipe, installed in imported sand fill with a percolation time of 6 to 10 minutes per centimetre constructed on native soil with a percolation time of greater than 50 minutes per centimetre.

EXISTING WORKS

- one (1) 9,000 litres septic tank, to be converted into pump tank, equipped with duplex grinder pumps, pumping sewage from the Nest Building to the proposed Balancing Tank;

- one (1) dual compartment septic tank with a capacity of 4,500 litres and equipped with baffles, conveying raw sewage via a 100 millimetre diameter pipe from the building to the septic tank and then conveying sewage via a 100 millimetre diameter pipe to the leaching bed; and

- one (1) fully raised bed with an area of 900 square metres and overall dimensions of approximately 30 metres by 30 metres and comprising of a 900 millimetre deep layer of fill material with a percolation time of 5-15 minutes per centimetre; one cell 15 metres by 15 metres containing a 300 millimetre deep layer of clean gravel screened to between 19 millimetres to 35 millimetres in size, overlying the fill material and 150 metres of 75 millimetre diameter pipes; sides of the bed backfilled with fill material with a percolation time of 5-15 minutes per centimetre with a maximum slope of one vertical to four horizontal; filter cloth on the surface of

the clear gravel layer overlain by 150-250 millimetres of sand fill and 50-100 millimetres of topsoil; 50-100 millimetres of topsoil on the side slopes on top of the backfill material; seeding or sodding on the top of the bed and side slopes; diversion swales beyond the side slopes directing drainage away from the bed.

TO BE DECOMMISSIONED

one (1) sewage system servicing the McDonald Lodge, consisting of the following:

- one (1) dual compartment septic tank with a capacity of 18,200 litres and equipped with baffles directed to a pump chamber;

- one (1) pump chamber with a capacity of 5,460 litres;

- one (1) fully raised bed of six (6) cells with a combined surface area of 4,410 square metres and overall dimensions of approximately 63 metres by 70 metres, comprising of a 1,500 millimetres deep layer of fill material with a percolation time of 12 minutes per centimetre; six (6) cells each 14.5 metres by 23.0 metres containing a 330 millimetres layer of crushed stone overlying the fill material and 1,097 metres of 100 millimetre diameter pipe; a 330 millimetres deep layer of fill material with a percolation time of 12 minutes per centimetre between six cells; sides of the backfilled with fill material with a percolation time of 12 minutes per centimetre and sloped at a maximum slope of one vertical to four horizontal; filter cloths on the surface of the crushed stone layer overlain by 250-350 millimetres of sand and topsoil; 50-100 millimetres of topsoil on the side slopes on top of backfill material;

one (1) sewage system servicing the Nest Building, consisting of the following:

- one (1) 20,000 litres trash tank;

- four (4) Whitewater Treatment Units each with a capacity 5,700 litres per day, the effluent from it flowing to a existing pump chamber described below;

- one (1) pump chamber with a storage capacity of 6,800 litres and equipped with two (2) pumps, piping valves, vents, liquid level control system, control panel, and effluent filters, pumping the effluent to the drip irrigation disposal system described below;

- one (1) drip irrigation disposal system, installed in an area of 1,600 square metres and overall dimensions of approximately 40 metres by 40 metres containing eight (8) cells, with each cell 4.0 meters x 30.5 meters installed in a native material approximately 300 millimetres below grade and the eight (8) cells containing 1,463 metres of 12 millimetre drip line; and

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

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

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

1. "Approval" means this entire Environmental Compliance Approval and any Schedules attached to it;

2. "BOD5" (also known as TBOD5) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demands;

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.1 of the EPA;

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

6. "*E. coli* " refers to coliform bacteria that possess the enzyme beta-glucuronidase and are capable of cleaving a fluorogenic or chromogenic substrate with the corresponding release of a fluorogen or chromogen, that produces fluorescence under long wavelength (366 nm) UV light, or color development, respectively. Enumeration methods include tube, membrane filter, or multi-well procedures. Depending on the method selected, incubation temperatures include 35.5 + 0.5 °C or 44.5 + 0.2 °C (to enumerate thermotolerant species). Depending on the procedure used, data are reported as either colony forming units (CFU) per 100 mL (for membrane filtration methods) or as most probable number (MPN) per 100 mL (for tube or multi-well methods);

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

8. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;

9. "Grab Sample" or "Grab" 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;

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. "Maximum Daily Flow" (also referred to as Peak Daily Flow Rate) means the largest volume of flow to be received during a one-day period for which the sewage treatment process unit or equipment is designed to handle;

12. "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;

13. "Normal Operating Condition" means the condition when all unit process(es), excluding Preliminary Treatment System, in a treatment train is operating within its design capacity;

14. "OBC" means the Ontario Building Code, Ontario Regulation 163/24 (Building Code) as amended to January 1, 2025, made under the *Building Code Act,* 1992 , S.O. 1992, c. 23;

15. "Owner" means The Camp Kintail Foundation, including any successors and assignees;

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

17. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;

18. "Single Sample Result" means the test result of a parameter in the effluent discharged on any day, as measured by a probe, analyzer or in a composite or grab sample, as required;

19. "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.

4. The issuance of, and compliance with the conditions of this Approval does not:

    a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the Works; or

b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. 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* shall be included in the notification;

   d. change of name of the corporation and a copy of the most current information filed under the *Corporations Information Act, R.S.O. 1990, c. C.39* shall be included in the notification.

2. 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.

3. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

3. CONSTRUCTION OF PROPOSED WORKS

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. The Owner shall ensure that the treatment technologies are installed in accordance with the manufacturer's installation manual.

4. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.

5. 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.

4. DESIGN OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Sewage Works in accordance with the following objectives:

    a. The design objectives of final effluent parameters listed in the table included in **Schedule B** are met for the final effluent from the Waterloo Biofilter Treatment Tank, prior to discharging into the Shallow Buried Trenches Subsurface Disposal Bed.

    b. The daily treatment flow is not exceeding the Maximum Daily Flow of 60,000 litres per day with a balanced flow of 52,000 litres per day.

5. COMPLIANCE LIMITS

1. The Owner shall operate and maintain the Works such that the compliance limits of final effluent parameters listed in the table included in **Schedule C** are met for the final effluent from the Waterloo Biofilter Treatment Tank, prior to discharging into the Shallow Buried Trenches Subsurface Disposal Bed.

6. OPERATION 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. 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;

f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.

3. The Owner shall, upon completion of 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.

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 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.

6. The Owner shall visually inspect the general area where Works are located for break-out **once every month** during the operating season.

7. 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 bed 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.

8. The Owner shall ensure that the septic tanks (and/or sludge tanks)be inspected **at least twice per year**, and the sewage sludge accumulated in the septic tanks (and/or sludge 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.

9. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this Approval.

7. 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 D** 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. Monthly means once every month;

        ii. Quarterly means once every three months;

        iii. Annually means once every year;

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 employ measurement devices to accurately measure quantity of effluent being discharged to the main shallow buried trench, 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 bed.

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.

8. REPORTING

1. The Owner shall report to the District Manager orally **as soon as possible** any non-compliance with the compliance limits specified in Condition 5, and in writing within **seven (7) days** of non-compliance.

2. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the EPA, the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 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.

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 performance reports on a calendar year basis and submit to the District Manager in an electronic format within 90 days following the end of each annual operating period. The reports shall contain, but shall not be limited to, the following information pertaining to the reporting period:

    a. a summary and description of efforts made and results achieved in meeting the effluent objectives of (Condition 4);

    b. a summary and interpretation of all monitoring data and a comparison to the effluent limits (Condition 5) including an overview of the success and adequacy of the Works, and a contingency plan in the event of non-compliance with the effluent limits;

    c. a review and assessment of the performance of the Works, including all treatment units and subsurface disposal bed;

    d. a summary of all operating issues encountered and corrective actions taken;

    e. 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 subsurface disposal systems;

    f. a summary of any effluent quality assurance or control measures undertaken in the reporting period;

g. a summary of the calibration and maintenance carried out on all Influent and Final Effluent monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;

h. a summary and interpretation of all daily flow data and results achieved in not exceeding the Maximum Daily Flow discharged in the main shallow buried trench subsurface disposal system;

i. a summary of any complaints received and any steps taken to address the complaints;

j. a summary of all spills or abnormal discharge events;

k. any other information the District Manager requires from time to time.

9. DECOMMISSIONING OF UN-USED WORKS

1. The Owner shall properly abandon any portion of unused existing 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 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 regarding general provisions is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted.

2. Condition 2 regarding change of Owner is included to ensure that the Ministry records are kept accurate and current with respect to ownership of the Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.

3. Condition 3 regarding construction of Proposed Works is included to ensure that the Works are constructed in a timely manner so that standards applicable at the time of Approval of the Works are still applicable at the time of construction to ensure the ongoing protection of the environment, and that prior to the commencement of construction of the portion of the Works that are approved in principle only, the Director will have the opportunity to review detailed design drawings, specifications and an engineer's report

containing detailed design calculations for that portion of the Works, to determine capability to comply with the Ministry's requirements stipulated in the terms and conditions of the Approval.

4. Condition 4 regarding design objectives is imposed to establish non-enforceable design objectives to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.

5. Condition 5 regarding compliance limits is imposed to ensure that the Final Effluent discharged from the Works to the environment meets the Ministry's effluent quality requirements.

6. Condition 6 regarding operation and maintenance is included to require that the Works be properly operated, maintained, funded, staffed and equipped such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. As well, the inclusion of a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the Owner. Such a manual is an integral part of the operation of the Works. Its compilation and use should assist the Owner in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for Ministry staff when reviewing the Owner's operation of the Works.

7. Condition 7 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.

8. Condition 8 regarding reporting is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for this Approval.

9. Condition 9 regarding decommissioning of un-used sewage systems is included to ensure that any components of un-used sewage system are properly decommissioned.

Schedule A

1. Environmental Compliance Approval Application for a Municipal and Private Sewage Works submitted and signed by Theresa McDonald-Lee (Executive Director of Camp Kintail) on August 7, 2024 and received on August 8, 2024, and all supporting documentation and information.

2. Sewage System Design Brief Report, dated August 2024, including calculations and engineering drawings, prepared by R.J. Burnside & Associates Limited.

Schedule B

Effluent Objectives

For the final effluent from the Waterloo Biofilter Treatment Tank, prior to discharging into the Shallow Buried Trenches Subsurface Disposal Bed.

Final Effluent Parameter	**Averaging Calculator**	**Concentration Objectives** (maximum unless otherwise indicated)
Total Suspended Solids	Single Sample Result	10 mg/L*
CBOD5	Single Sample Result	10 mg/L

* Note: mg/L means milligrams per litre.

Schedule C

Effluent Compliance Limits

For the final effluent from the Waterloo Biofilter Treatment Tank, prior to discharging into the Shallow Buried Trenches Subsurface Disposal Bed.

Final Effluent Parameter	**Averaging Calculator**	**Concentration Limits** (maximum unless otherwise indicated)
Total Suspended Solids (TSS)	Single Sample Result	20 mg/L*
CBOD5	Single Sample Result	20 mg/L

* Note: mg/L means milligrams per litre.

Schedule D

Monitoring Plan

Table D-1 Influent Monitoring

Sample Location	Balancing Tank
Minimum Frequency	Quarterly
Sample Type	Grab
Sample Parameters	BOD5, Total Suspended Solids

Table D-2 Effluent Monitoring

Sample Location	Final Waterloo Biofilter treatment tank prior to discharge to the leaching bed
Minimum Frequency	Monthly
Sample Type	Grab
Sample Parameters	CBOD5, Total Suspended Solids

Table D-3 Groundwater Monitoring**

Sample Location	Existing well on neighbouring property to the south (Well No. 3005596)
Minimum Frequency	Annually (The annual sampling is proposed to occur for a period of 5 years, after which the data should be reviewed and the continued sampling shall be assessed)
Sample Type	Grab
Sample Parameters	Nitrate and Nitrite as N Chloride E. coli

**Groundwater monitoring can only proceed with the neighbour's approval

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 5089-BZZP82 issued on May 7, 2021.

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 Notice") 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.

Pursuant to subsection 139(3) of the *Environmental Protection Act,* a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

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 13th day of June, 2025

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

FH/

c: District Manager, MECP Owen Sound District Office
Anne Egan, R.J. Burnside & Associates Ltd.