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 3300-CRHQ7Y
Issue Date: November 28, 2023

Rideau Mac Resort Association
186 McNamee Lane
Post Office Box, No. 15
Portland, Ontario
K0G 1V0

Site Location: Rideau Mac Resort
186 McNamee Lane
Township of Rideau Lakes, United Counties of Leeds and Grenville
K0G 1V0

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:

establishment, amendment, usage and seasonal operation of new (Maximum Daily Flow Rate of 42,675 L/day and Balanced Maximum Daily Flow Rate of 33,000 Litres/day) and existing on-site sewage works for treatment of sanitary sewage servicing existing ninety one (91) RV Trailer sites and eight (8) 2-bedroom unit lodges, all located at Rideau Mac Resort at 186 McNamee Lane, Township of Rideau Lakes, United Counties of Leeds and Grenville, comprising;

PROPOSED WORKS

One new Class 4 Sewage System to service the entire site including the lodge/motel and ninety-one (91) RV/trailer site utilizing the existing septic tank and pump chamber servicing the Lodge as well as converting the existing four (4) holding tanks into pump chambers and comprising of a balancing tank, three (3) septic tanks, a pump chamber and a raised low pressurized Eljen GSF dispersal bed, as described below;

Septic Tank (ST1)

One (1) Existing two-compartment septic tank, located South of lodge/motel, receiving sewage flow from the 8-unit lodge, having a minimum total capacity of 10,910 Litres, equipped with lockable access risers and effluent filter, and discharging to an existing Pump Chamber PC1;

Pump Chamber PC1

One (1) Existing Pump Chamber (PC1), located south of Septic Tank (ST1) receiving sewage from ST1, now being proposed to redirect the effluent to a newly proposed Balancing Tank (BT) by means of a demand dose effluent pump and a 50 mm diameter HDPE forcemain, equipped with an audible and visual high-level alarm;

Conversion of the Existing four (4) Class 5 Holding Tanks to Pump Chambers

Conversion of the Existing four (4) Holding Tanks A, B, C and D to Pumping Chambers, servicing a total of 91 existing trailer sites, each chamber is a single compartment precast concrete pumping chamber, with a total capacity of 9,000 Litres, equipped with a vent pipe, pump-out connection and a device capable to produce an audible and visual warning alarm at 80 % capacity of the pump chamber, with following details:

- **Pumping Chamber PC2**
  Pumping Chamber PC2 (formerly Holding Tank A), having a working volume of 9,000 Litres, located near site No. 33, serving existing fifteen twenty three (23) trailer sites (Sites No. 1-16, 19, 27, 28, and 30-33), proposed to redirect the effluent to a newly proposed Balancing Tank by means of a demand dose effluent pump and a 75 mm HDPE forcemain;

- **Pumping Chamber PC3**
  Pumping Chamber PC3 (formerly Holding Tank B), having a working volume of 9,000 Litres, located near site No. 37, serving existing fifteen (15) trailer sites (Sites No. 20-26, 29 & 34-40), proposed to redirect the effluent to a newly proposed Balancing Tank by means of a demand dose effluent pump and a 75 mm HDPE forcemain;

- **Pumping Chamber PC4**
  Pumping Chamber PC4 (formerly Holding C), having a working volume of 9,000 Litres, located near site No. 52, serving existing thirty five (35) trailer sites (Sites No. 41-55, 71-79 and 83-93), proposed to redirect the effluent to a newly proposed Balancing Tank by means of a demand dose effluent pump and a 75 mm HDPE forcemain;

- **Pumping Chamber PC5**
  Pumping Chamber PC5 (formerly Holding Tank D), having a working volume of 9,000 Litres, located near site No. 67, serving existing 18 trailer sites (Sites No. 56-70 & 80-82), proposed to redirect the effluent to a newly proposed Balancing Tank by means of a demand dose effluent pump and a 75 mm diameter HDPE forcemain;

Balancing Tank
One (1) proposed 45,000 L single-compartment concrete balancing tank designed with a theoretical Maximum Daily Flow of 42,625 Litres/day and designed to dose 33,000Litres/day to three (3) 35,000 Litres Septic Tanks ST2, ST3 and ST4, located south of the Motel, complete with two (2) submersible sewage pumps configured in an alternating duplex pumping arrangement and controlled by a timer system set to operate the pumps each rated at 3 Litres/s under a TDH of 2m, on an alternating basis designed to dose 1,375 Litres/hour, complete with a liquid level float control system connected to an audible and visual high level alarm system, set at 80% capacity;

Septic Tanks ST2, ST3 and ST4

Proposed three (3), two-compartment Septic Tanks, installed in parallel, located south of the Lodge, receiving effluent from the Balancing Tank, each Septic Tank having a minimum capacity of 35,000 Litres and equipped with lockable access risers and effluent filter, discharging the effluent to the proposed Eljen™ GSF dispersal bed, through Pump Chamber PC6;

Pumping Chamber PC6
One (1) Pump Chamber PC6 with a working volume of 10,000 L, located South of the Lodge, receiving effluent from the Septic Tanks ST2, ST3 and ST4, pumping the effluent to proposed Eljen™ GSF low pressurized dispersal bed, through duplex effluent pumps each rated at 3 Litres/s under a TDH of 14m, operating on a timed system set to operate the pumps on an alternating basis designed to dose 1,375 Litres/hour through one (1) of two (2) 75 mm diameter HDPE forcemains;

Subsurface disposal system (Eljen™ GSF system)

One (1) Eljen™ GSF low-pressurized system receiving sewage flow from the Pump Chamber PC6, designed for a minimum treatment capacity of 33,000 Litres per day, in a 4,127 m2 (63.5m x 65m) sand dispersal area in a four (4) cell arrangement, each cell having four (4) rows, each row having 22 Eljen GSF A-42 modules (each module is 1220 mm long x 600 mm wide x 180 mm high), with a total of 352 modules, each cell is equipped with One Eljen™ sampling trays, with 32 mm diameter pressure pipe inserted inside a 100 mm diameter perforated PVC pipe centred over each module, evenly spaced at minimum 8 metres apart, constructed in specified system sand meeting requirement of Section 2.1.6 (BMEC #20-03-395) with minimum thickness of 450 millimetres below the modules, covering a minimum area of 4,125 square metres overlaid on native soil with a T-time < 50 minutes per centimetre, and bottom of the specified system sand is 600 millimetres or more above the high ground water table;

EXISTING WORK

Holding Tanks A , B, C & D **(Now being converted to Pump Chambers)**
Four (4) existing holding tanks A, B, C, and D to service a total of 91 existing trailer sites,

each holding tank is a precast concrete, one-compartment tank with a total capacity of 9,000 Litres and is equipped with a vent pipe, pump-out connection and a device that shall produce an audible and visual warning alarm so located to warn that each holding tank is at 80 % capacity as follows:

- Holding Tank A (located near site #32) servicing 23 trailer sites (#1-16, 19, 27-28 & 30-33)
- Holding Tank B (located near site #37) servicing 15 trailer sites (#20-26, 29 & 34-40;
- Holding Tank C (located near site #51) servicing 35 trailer sites (#41-55, 71-79 & 83-93);
- Holding Tank D (located near site #63) servicing 18 trailer sites (#56-70 & 80-82);

Subsurface Disposal System at Lodge **(Now being decommissioned)**
one (1) existing on-site subsurface sewage disposal system, previously approved in 1985, providing service to an eight (8) units lodge, and consisting of the following;

- a two-compartment septic tank with total capacity of approximately 10,910 Litres, collecting sewage from the lodge and discharging via a pump to an existing leaching bed as described below;
- an existing leaching bed with a total length of distribution piping of 366 metres consisting of twenty four (24) runs of 100 mm dia distribution piping;

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 **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. "$CBOD_5$" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

3. "Commissioned" means the construction is complete and the system has been tested, inspected, and is ready for operation consistent with the design intent;

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. "District Manager" means the District Manager of the Kingston District Office;

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

7. "Existing Works" means those portions of the Works included in the Approval that have been

constructed previously;

8. "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;

9. “Licensed Engineering Practitioner” means a person who holds a licence, limited license or temporary license under the *Professional Engineers Act,* R.S.O. 1990, c. P.28;

10. "Maximum Daily Flow" means the largest volume of flow to be received during a one-day period for which the Works is designed to handle;

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, Ontario Regulation 332/12 (Building Code) as amended to January 1, 2015, made under the *Building Code Act,* 1992 , S.O. 1992, c. 23;

13. "Owner" means Rideau Mac Resort Association, and its successors and assignees;

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

15. "Professional Geoscientist (P. Geo)" means a licensed professional geoscientist as set out in the Professional Geoscientists Act, 2000 of Ontario

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

17. "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.B17 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 Informations Act* , R.S.O. 1990, c. C39 shall be included in the notification.

2. In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.

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

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 Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.

3. The Owner shall ensure that the Eljen™GSF Treatment system is installed in accordance

with the manufacturer's installation manual.

4. The Owner shall ensure that any 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) of leaching bed sand to be 8<T<12 and Specified Sand as per ASTM C33, prior to delivering to the site location and the written records are kept at the site.

5. Within **six (6) months** of the Works being Commissioned, 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.

6. Within **six (6) months** of the Works being Commissioned, 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 Works, carry out the following monitoring program:

1. All samples and measurements taken for the purpose 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 Effluent Monitoring Table included in **Schedule C**.

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 Groundwater Monitoring Table included in **Schedule D**.

4. In the event of an exceedance of any parameter(s) included in the **Schedule D** when compared to the corresponding limit in the Ministry's Technical Support Document for Ontario Drinking Water Standard, Objectives and Guidelines, as amended from time to time, a confirmatory sample must be collected as soon as reasonably possible, in accordance with the **Schedules D and E**, and the confirmatory sample results shall be reviewed by a qualified person (P. Geo or equivalent) to determine if the sampling frequency should be increased, and if required develop a mitigation plan.

5. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal bed, 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.

6. The Owner shall ensure that flow of treated effluent discharged into the Eljen™ GSF Subsurface Disposal Bed does not exceed **33,000 Litres/day.**

7. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following 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 Version 2.0" (January 2016), PIBS 2724e02, as amended; and

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

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

6. EFFLUENT OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Works in accordance with the 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 and TSS 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. EFFLUENT LIMITS

1. The Owner shall design, construct, operate and maintain the Works such that the concentrations of the materials named as effluent parameters in the Effluent Limits Table in **Schedule B** are not exceeded in the effluent from the Works:

2. For the purposes of determining compliance with and enforcing subsection (1):

    a. Single sample concentration of $CBOD_5$ & TSS named in Column 1 of the Effluent Limits Table listed in **Schedule B** shall not exceed the corresponding maximum concentration set out in Column 2 of the Effluent Limits 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, adequate laboratory facilities, process controls and alarms and the use of process chemicals and other substances used in the Works.

2. The Owner shall prepare an operation manual within **six (6) months** of the introduction of sewage to the Works, that includes, but not necessarily limited to, the following information:

    a. operating procedures for routine operation of all the Works;

    b. inspection programs, including frequency of inspection, for all the Works and the methods or tests employed to detect when maintenance is necessary;

    c. repair and maintenance programs, including the frequency of repair and maintenance for all the Works; copies of maintenance contracts for any routine inspections and 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 operation manual and make the manual readily accessible 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 completion of construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology or its authorized agent. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.

5. 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.

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 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 the remedial work is completed;

    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 by a licensed waste hauler to an approved sewage disposal site.

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 operations and maintenance activities required by this Approval.

9. 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 specified in subsection 2 of Condition 7, 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) 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.

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 of (Condition 6);

    b. a summary and interpretation of all monitoring data and a comparison to the effluent limits (Condition 7) including an overview of the success and adequacy of the Works, and a Contingency Plan in the event of non-compliance with the effluent limits.

    c. a summary and interpretation of groundwater monitoring data;

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

    e. a description of any operating problems encountered and corrective actions taken at all 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 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;

10. DECOMMISSIONING OF UN-USED WORKS

1. The Owner shall abandon any portion of unused existing Works, as follows;

    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. If any other structure is intended to be constructed in the area of the existing bed, all distribution pipes and surrounding material must be removed by a licensed waste hauler and disposed at an approved waste disposal site; otherwise the existing leaching bed may be left in place after it is disconnected from PC1.

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

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this Approval the existence of this Approval.

2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.

3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to the approved Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.

4. Condition 4 is included to ensure that the Works are constructed, and may be operated and maintained such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.

5. Condition 5 is included to enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives specified in the Approval and that the Works does not cause any impairment to the receiving watercourse.

6. Condition 6 is imposed to establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to strive towards on an ongoing basis. These objectives are to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.

7. Condition 7 is 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. Application for Environmental Compliance Approval dated January 23, 2023 and received on February 17, 2023.

Schedule B

Effluent Objectives Table

Effluent Parameter	Concentration Objective (milligrams per litre unless otherwise indicated)
CBOD5	10
Total Suspended Solids	10

Effluent Limits Table

Effluent Parameter	Concentration Limit (milligrams per litre unless otherwise indicated)
CBOD5	20
Total Suspended Solids (TSS)	20

Schedule C

Effluent Monitoring Table

Sampling Location	samples to be collected from the Pan Lysimeter (Sampling port) within Eljen™ GSF
Frequency	Three times during the operating season between the months of May to August
Sample Type	Grab
Parameters	$CBOD_5$ Total Suspended Solids (TSS)

Schedule D

Groundwater Monitoring Table

Sampling Location	Water well PW1
Frequency	Three time per year (Spring, Summer and Fall)
Sample Type	Grab
Parameters	chloride, sodium, nitrate, nitrite and bacteria (total coliform and E. coli)

Schedule E

Sampling Location	Water wells PW2 and PW3
Frequency	Every time after PW1 shows impacts
Sample Type	Grab
Parameters	chloride, sodium, nitrate, nitrite and bacteria (total coliform and E. coli)

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 3692-A6DNM8 issued on May 23, 2017.

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 28th day of November, 2023

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

KH/

c: District Manager, MECP Kingston District.
Martin Burger/Sydney Beatty, Groundwater Engineering Limited.