

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 3487-C5RP4N
Issue Date: October 29, 2021

Huronian Driftwood Restaurants Ltd.
3982 Highway 11
Oro-Medonte, Ontario
L0L 1T0

Site Location: Heidi's Campground
3982 ON-11 S
Township of Oro-Medonte, County of Simcoe

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:

Modifications to the sewage Works servicing Heidi's Campground for a peak daily design flow rate of 97,550 litres per day, for the collection, transmission, treatment and subsurface disposal of domestic sewage, to service 225 RV slips and 7 tent sites, all located at the existing Heidi's Campground and Trailer Park, and consisting of the following:

Proposed Works

upgrades from the existing tertiary treatment system to a RH2O Moving Bed Biofilm Reactor (MBBR) with a design capacity of 100,000L/day, as described below;

Equalization Tank EQT1b: One (1) proposed underground concrete Equalization Tank **EQT1b**, designed for flow equalization for up to 100 m³/day in combination with Equalization Tanks **EQT1a** and **EQT2**, located approximately 5m northwest east of the existing control building, having three compartments, having a total combined capacity of 36,370 L, vented, equipped with access openings to grade, a high level visual/audible alarm system, connected hydraulically with **EQT1a** and **EQT2** through a 150mm PVC pipe for raw sewage and 100mm PVC venting pipe;

Equalization Tank EQT1a: One (1) proposed underground concrete Equalization Tank **EQT1a**, designed for flow equalization for up to 100 m³/day in combination with Equalization Tanks **EQT1b** and **EQT2**, located 3m north of the existing control building, having three compartments with a total combined capacity of 36,370 L, vented, equipped with access openings to grade, a high level visual/audible alarm system, connected hydraulically with **EQT2** through a 150mm PVC pipe for raw sewage and 100mm PVC venting pipe;

Equalization Tank EQT2: One (1) proposed underground concrete Equalization Tank **EQT2**, designed for flow equalization for up to 100 m³/day in combination with Equalization Tanks **EQT1a** and **EQT1b**, located downstream of **EQT1a** and **EQT1b**, having three compartments with a total combined capacity of 36,370 L, equipped with access openings to grade, a high level visual/audible alarm system, connected hydraulically with **EQT1b** and **EQT1a** through a 150mm PVC pipe for raw sewage and 100mm PVC venting pipe and discharging to the online Sludge Storage Tank **SS1b** with a design equalized flow rate of approximately 4,166 L/hour through a 50mm PE forcemain;

Offline Sludge Storage/Primary Clarifier Tank SS1a: One (1) proposed underground concrete offline Sludge Storage/Primary Clarifier Tank **SS1a**, designed to protect against shock loading, designed with one month sludge storage capacity and a minimum hydraulic retention time of 6.3 hours, located downstream of **EQT2** and approximately 1m north of **SS1B**, having a single compartment with a capacity of 36,370 L, equipped with access openings to grade, a high level visual/audible alarm system, hydraulically connected with the online Sludge Storage Tank **SS1b** for receiving the overflow effluent from **SS1b** and complete with flow inlet receiving the return sludge flow from the final clarifier **FCa** and **FCb**;

Online Sludge Storage/Primary Clarifier Tank SS1b: One (1) proposed underground concrete online Sludge Storage/Primary Clarifier Tank **SS1b**, designed for one month sludge storage capacity and a minimum hydraulic retention time of 4.5 hours in combination with the online Sludge Storage Tank **SS2**, located downstream of **EQT2**, having a single compartment with a capacity of 36,370 L, equipped with access openings to grade, a high level visual/audible alarm system, hydraulically connected with the online Sludge Storage Tank **SS2**;

Online Sludge Storage/Primary Clarifier Tank SS2: One (1) proposed underground concrete online Sludge Storage/Primary Clarifier Tank **SS2**, designed for one month sludge storage capacity and a minimum hydraulic retention time of 4.5 hours in combination with the online Sludge Storage Tank **SS1b**, located downstream of **SS1b**, having a two compartment with a total capacity of 36,370 L, equipped with access openings to grade, a high level visual/audible alarm system, hydraulically connected with the online Sludge Storage Tank **SS1b** and discharging to the biological reactor **BR1** through at a maximum flow rate of 4,166 L/hour;

Proposed RH2O Moving Bed Bioreactor (MBBR) Wastewater Treatment System: two (2) proposed RH2O MBBR Bioreactors **BR1** and **BR2**, hydraulically connected, located downstream SS2 each with a capacity of 27,275 L, designed with a minimum hydraulic retention time of 6.9 hours, containing specially designed plastic media with a surface area of $500 \text{ m}^2/\text{m}^3$, with oxygen supplied by air compressor (installed in a Sanitary Treatment Control Building) and distributed in the biological stage by fine bubble diffuser, discharging the effluent to a proposed Final Clarifier Tank **FCa**, as described below;

Final Clarifier Tank FCa: one (1) Final Clarifier Tank **FCa** with a total capacity of 36,368 L tank, located downstream of the bioreactor, designed for a surface overflow rate of $5.5 \text{ m}^3/\text{m}^2 \cdot \text{day}$ in combination with the second clarifier tank **FCb**; equipped with effluent return pump to pump settled sludge to the Sludge Storage/Primary Clarifier Tank **SS1a**, and hydraulically connected with clarifier Tank **FCb**;

Final Clarifier Tank FCb: one (1) Final Clarifier Tank **FCb** with a total capacity of 36,368 L tank, located downstream of the bioreactor, designed for a surface overflow rate of $5.5 \text{ m}^3/\text{m}^2 \cdot \text{day}$ in combination with the first clarifier tank **FCa**, equipped with effluent return pump to pump settled sludge to the Sludge Storage/Primary Clarifier Tank **SS1a**, and equipped with an effluent submersible duplex pump (Myers ME50 or equivalent) to discharge the treated effluent into a Final Pump Tank **FPT**;

Final Effluent Pump Tank FPT: One (1) existing, three cells 36,368 L Final effluent Pump Tank **FPT**, now being modified with addition of two effluent pumps, so as to be equipped with six submersible pumps each operating respectively, as follows;

Pump No. 1, rated at 120 L/min at 7.1m of TDH, pumping the effluent to Cells No. 1 and 3 of the existing bed at a maximum effluent flow rate of 17,550 L/day through a 50mm forcemain; no effluent will be pumped to Cells 2 and 4;

Pump No. 2, rated at 120 L/min at 9.1 m of TDH, pumping the effluent to Area Bed No. 1 at a maximum effluent flow rate of 17,500 L/day through a 50 mm forcemain;

Pump No. 3, rated at 120 L/min at 12.3 m of TDH, pumping the effluent to Area Bed No. 2 at a maximum effluent flow rate of 17,500 L/day through a 50 mm forcemain;

Pump No. 4, rated at 120 L/min at 13.7 m of TDH, pumping the effluent to Area Bed No. 3 at a maximum effluent flow rate of 17,500 L/day through a 50 mm forcemain;

Pump No. 5, rated at 120 L/min at 9.7 m of TDH, pumping the effluent to Area Bed No. 4 at a maximum effluent flow rate of 17,500 L/day through a 50 mm dia forcemain;

Pump No. 6, rated at 120 L/min at 9.7 m of TDH, pumping the effluent to Area Bed No. 5 at a maximum effluent flow rate of 17,500 L/day through a 50 mm forcemain;

Modification to the Existing Shallow Buried Trench

modifications to the existing shallow buried trench pressurized subsurface system consisting of eight (8) cells divided into four (4) groups of two (2) cells each, noted as Cell No. 1, 2, 3 & 4 with a total length of piping of 2,340 m (8 cells x 2 zones/cell x 5 rows/zone = 80 rows @ 29.25 m); Each cell group contains four (4) zones of five (5) rows of 0.6 m wide shallow buried trenches with a 38 mm diameter perforated pressurized distribution pipe with 3 mm orifices spaced at 1200 mm increments within an Infiltrator Quick 4 Equalizer 36 Chamber infiltration arch spaced at 2 m centres; the currently proposed modification comprise of directing the wastewater only to cells No. 1 and 3 fed by Pump No. 1 from the effluent Pump Chamber;

5 Raised Area Beds

Five (5) fully raised Dispersal Beds with Four (4) beds installed east of the existing shallow buried trench (SBT) and one (1) bed installed west of the existing SBT, each bed with underlying existing soil with an estimated percolation time of 80 min/cm, designed for the disposal of treated effluent from the RH2O MBBR treatment system, each bed having a total capacity of 17,500 L/day and an area of 3,750 m² (60m x 62.50m), with 275mm thick stone layer and 300mm thick sand layer and an additional 300mm sand mantle, and equipped with 75 mm diameter perforated pipes at 1.05 m on centre, 8 pipe runs at 7.40 m per cell and installed in the stone layer covered with a geotextile filter fabric and no more than 300mm of top soil;

Existing Works

two (2) existing septic tanks connected in parallel located approximately 150 m south west of the Head Office building each a two-compartment precast concrete tank with a total capacity of 31,824 L, collecting sewage from the all campground sites via existing gravity collection system, and discharging wastewater to an existing Sewage Pump Chamber as described below;

one (1) existing raw sewage collection Pump Chamber with a total capacity of approximately 31,824 L, located immediately downstream from the above noted two septic tanks, equipped with a vent pipe extending above the grade, a high level visual/audible alarm system and two (2) submersible sewage pumps, each pump (Flyght, Model CP 3101MT or equivalent) rated at capacity of 240 L/min at 10.6 m of TDH, discharging wastewater via two (2) 120 mm dia existing forcemains extended to discharge into sanitary manhole MH 2A and 200 mm dia gravity sewer into a Pump Station STN1 as described below;

one (1) existing sewage Pump Station STN1 (1.8 m dia x 4.63 m deep) located approximately 208 m north west of the Head Office building, equipped with an above grade vent pipe equipped with carbon filter (Super Wolverine SWV-6 or equivalent), a high level visual/audible alarm system and two (2) submersible non-clog sewage pumps (Myers - Model ME 150 1-1/2 hp or equivalent), each pump rated at capacity of approximately 67.75 L/min at 15.4 m of TDH, to convey 4,065 L/hr per pump (3 cycles per hour with run time of 7.3 minutes per cycle) of wastewater via a 50 mm dia forcemain to a proposed Equalization Tanks described below;

two (2) existing underground concrete Equalization Tanks located approximately 377 m north west of the Head Office building, installed side by side and connected in series, each one-compartment tank with a capacity of 36,368 L (total of 72,736 L in both tanks), vented, equipped with access openings to grade, a high level visual/audible alarm system, and a duplex pumping system, each pump (BJM Pump SV400 0.5 hp or Equivalent) rated at approximately 160 litres per minute (L/min) at TDH of 3.7 m, set for dosing wastewater on a timed controlled basis at a maximum daily sewage flow of 70,000 L/d into a Sludge Storage Tank, as described below;

one (1) existing one-compartment Sludge Storage Tank with a total capacity of 36,368 L, located downstream from the Equalization Tanks, equipped with access openings to grade, discharging wastewater via gravity to a proposed Clarification Tank, as described below;

one (1) two-compartment Primary Clarification Tank (first compartment is for additional sludge storage), located downstream from the Sludge Tank, with a total capacity of 36,368 L, equipped with access openings to grade, discharging wastewater via gravity to two (2) WSB Bioreactors; **(Now being upgraded to the MMBR);**

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

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

1. "Approval" means this entire 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 Barrie District 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 Huronia Driftwood Restaurants Ltd., and its successors and assignees;
13. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
14. "Rated Capacity" means design daily sanitary sewage flow for which the Works are approved to handle;
15. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
16. "Supporting Documentation" means the documents listed in Schedule A of this Approval;
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 CONDITION

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 sewage 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. EXPIRY OF APPROVAL

1. This Approval will cease to apply to those parts of the Works which have not been constructed within **five (5) years** of the date of this Approval.

3. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:
 - a. change of address of Owner;
 - b. change of Owner, including address of new owner;
 - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act, R.S.O. 1990, c.B17* shall be included in the notification to the District Manager; or,
 - 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. C39* shall be included in the notification to the District Manager.
2. In the event of any change in ownership of the Works, 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 environmental compliance approval number.

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 RH2O MBBR Treatment system is installed in accordance with the Manufacturer's Installation Manual.
3. 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. Upon construction of the Works, the Owner shall prepare a statement, certified by a Licensed Engineering Practitioner, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.
5. Upon construction of the Works, the Owner shall prepare a set of as-built drawings showing the works "as constructed". "As-built" drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the site for the operational life of the Works and shall be made available for inspection by Ministry staff.

5. EFFLUENT OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Works in accordance with the following objectives:
 - a. Effluent parameters design objectives listed in the table(s) included in **Schedule B**.
2. In the event of an exceedance of the objective set out in subsection 1, the Owner shall:
 - a. notify the District Manager as soon as possible during normal working hours;
 - b. take immediate action to identify the source of contamination; and
 - c. take immediate action to prevent further exceedance

6. EFFLUENT LIMITS

1. The Owner shall design, construct and operate the Works such that the concentrations of the materials listed as effluent parameters in the effluent limits table in **Schedule B** are not exceeded in the effluent from the Works.

7. OPERATION AND MAINTENANCE

1. The Owner shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the Works do not constitute a safety, health or flooding hazard to the general public.
2. The Owner shall undertake an inspection of the condition of the Works, at least once a year, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the Works to prevent the excessive build-up of sediment, oil/grit, debris and/or decaying vegetation, to avoid reduction of the capacity and/or permeability of the Works, as applicable. The Owner shall also regularly inspect and clean out the inlet to and outlet from the Works to ensure that these are not obstructed.
3. The Owner shall prepare an operations manual prior to the commencement of operation of the sewage works, that includes, but not necessarily limited to, the following information:
 - a. operating procedures for routine operation of all the Works;
 - b. inspection programs, including frequency of inspection, for all the Works and the methods or tests employed to detect when maintenance is necessary;
 - c. repair and maintenance programs, including the frequency of repair and maintenance for all the Works; copies of maintenance contracts for any routine inspections & pump-outs should be included for all the tanks and treatment units;
 - d. procedures for the inspection and calibration of monitoring equipment;
 - e. a spill prevention control and countermeasures plan, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the District Manager; and,
 - f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
4. The Owner shall maintain the operations manual current and retain a copy at the location of the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

5. The Owner shall, prior to the start-up of the Works operation upon completing Works construction and then in the beginning of each operating season, perform test effluent dosing pumps installed in the Effluent Dosing Pump Tank to verify capacity and pump(s) running time as per this Approval, so the Works will operate within the approved maximum daily sewage flow of **97,550 L/d**.
6. The Owner shall ensure that all sewage works are operated and maintained as required per the Operation and Maintenance Manual prepared by a qualified individual.
7. The Owner shall ensure that grass-cutting is maintained regularly over all the subsurface disposal beds, and the drainage operations in all beds are visually observed on a monthly basis. In the event a break-out is observed from a subsurface disposal bed, the Owner shall ensure that the sewage discharge to the bed is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within one (1) week. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and safely collected and disposed off through a licensed waste hauler to an approved waste disposal site.
8. The Owner shall ensure that adequate steps are taken to ensure that the area of the Works are protected from all forms of vehicle traffic.
9. The Owner shall ensure that all septic tanks are pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filters are cleaned out at minimum once a year or more often if required.
10. The Owner shall prepare and make available for inspection by Ministry staff a valid Maintenance Agreement with the manufacturer for the treatment process/technology or its authorized agent, and shall make sure that the treatment system is inspected in accordance with the Maintenance Agreement.

8. EFFLUENT MONITORING

The Owner shall, upon issuance of this Approval, 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. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal system, including but not limited to water/wastewater flow meters, event counters, running time clocks, or electronically controlled dosing, and shall record the daily volume of effluent being discharged to the subsurface disposal system.
5. 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. REPORTING

1. One (1) 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, upon request, make all reports, manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
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 prepare performance reports on a calendar year basis and submit to the District Manager by March 31 of the calendar year following the period being reported upon. The reports shall contain, but shall not be limited to, the following information pertaining to the reporting period:
 - a. a review and assessment of performance of sewage works, including treatment units and disposal beds;

- b. a summary and interpretation of all monitoring data and a comparison to the effluent limits outlined in Condition 6, including an overview of the success and adequacy of the sewage Works;
- c. a summary and interpretation of all flow data and results achieved in not exceeding the maximum daily flow discharged into the subsurface disposal system;
- d. a description of any operating problems encountered and corrective actions taken;
- e. a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works, including an estimate of the quantity of any materials removed from the Works;
- f. a summary of the calibration and maintenance carried out on all effluent monitoring equipment;
- g. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
- h. a description of efforts made and results achieved in meeting the Effluent Objectives of Condition 5.
- i. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- j. a summary of all spill or abnormal discharge events; and,
- k. any other information the District Manager requires from time to time.

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

1. Condition 1 is included 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 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 monitor performance of the sewage treatment operation and to trigger corrective action proactively and voluntarily before environmental impairment occurs.
7. Condition 6 is included to ensure that effluent quality requirements established for shallow buried trenches are satisfied.
8. Condition 7 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 and made available to the Ministry. 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 work.

9. Condition 8 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 effluent limits specified in the Approval and that the Works does not cause any impairment to the environment.

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.

Schedule 'A' forms part of this Approval and contains a list of supporting documentation / information received, reviewed and relied upon in the issuance of this Approval

SCHEDULE A

1. Application for Environmental Compliance Approval dated December 21, 2020 and received on February 12, 2021.

Schedule B

Influent Monitoring Table

Influent sampling point: upstream of the RH2O MBBR treatment unit at EQT2 tank

Parameters	Sample Type	Minimum Frequency
BOD5	Grab	Monthly*
Total Suspended Solids	Grab	Monthly*

*Once every month during operating season

Effluent Objectives Table

Effluent Parameter (Sample Point: outlet from the treatment system upstream of the subsurface disposal fields)	Concentration Objective (milligrams per litre unless otherwise indicated)
CBOD5	<10
Total Suspended Solids	<10

Effluent Limits Table

Effluent Parameter (Sample Point: outlet from the treatment system upstream of the subsurface disposal fields)	Concentration Objective (milligrams per litre unless otherwise indicated)
CBOD5	10
Total Suspended Solids	10

Effluent Monitoring Table

Sample Point: Final Effluent Pump Tank (upstream of the disposal beds)

Parameters	Sample Type	Minimum Frequency
CBOD5	Grab	Biweekly*
Total Suspended Solids	Grab	Biweekly*

*Once every two weeks during operating season

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 2223-A6JPPF issued on June 16, 2016.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

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

AND

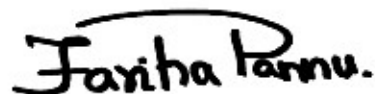
The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 29th day of October, 2021



Fariha Pannu, P.Eng.

Director

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

KH/

c: District Manager, MECP Barrie District.
Pieter Oorebeek, CET, Pearson Engineering