Ontario

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

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 9259-CXYSD8
Issue Date: February 26, 2024

913281 Ontario Ltd.
5190 County Road 90
Springwater, Ontario
L0M 1T2

Site Location: 52 Sunset Lagoon Drive
County of Prince Edward
K0K 1T0

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:

PROPOSED SEWAGE WORKS

upgrades and replacement of the existing seasonal sewage Works serving recreational/seasonal 75 Trailer sites, 20 Park Model Units Trailer sites, and one residence at 1600 L/day, all with a cumulative Maximum Daily Flow of 42,400 L/day (Phase 1 Maximum Daily Flow = 24,650 L/day and Phase 2 Maximum Daily Flow = 17,750 L/day), for collection, flow balancing, treatment and subsurface disposal of sewage, servicing the existing Sunset Lagoon Drive Campground, located at 52 Sunset Lagoon Drive, County of Prince Edward, Ontario, comprising;

PROPOSED WORKS

Phase 1 Sewage Works (Q=24,650 L/day)

replacement of the Existing Septic systems serving lots 13 to 33, 51 to 73, 85 to 96 and one washroom (58 units in total), comprising;

Septic Tank 1

- one (1) Proposed two compartment precast concrete pump tank, located north of the site 63, receiving effluent from Trailer Sites No. 57 to 62, 63 to 68 and 90 to 96, having a minimum working volume of 24,225 L, complete with access riser, effluent filter rated at 9,463 L/day, discharging to the Pumping Chamber 1 located towards the south;

Pump Tank 1

- one (1) precast concrete pump tank, receiving effluent from the Septic Tank 1, equipped with duplex submersible effluent pumps each pump rated at 0.49 L/s at a TDH of 56.0 m, or equivalent, discharging via 50 mm forcemain to the Balancing Tank;

Septic Tank 2

- one (1) Proposed two compartment precast concrete pump tank, located south of the site No. 25, receiving effluent from Trailer Sites No. 13 to 33 (21 Trailer sites), having a minimum working volume of 26,775 L, complete with access riser, effluent filter rated at 9643 L/day, discharging to the Pumping Chamber 2 located towards the south;

Pump Tank 2

- one (1) precast concrete pump tank, receiving effluent from the Septic Tank 2, equipped with duplex submersible effluent pumps each pump rated at 0.49 L/s at a TDH of 56 m or equivalent, discharging via a 50 mm forcemain to the Balancing Tank;

Septic Tank 3

- one (1) Proposed two compartment precast concrete pump tank, located south of the Site 51, receiving effluent from Trailer Sites 51 to 56, 85 to 89, 69 to 73 and Washroom station, having a working volume of 22,950 L, complete with access riser, effluent filter rated at 9,643 L/day, discharging via a 100 mm gravity sewer to discharging to the Flow Balancing Tank located towards the south;

Balancing Tank/Dosing Tank

- two (2) proposed 37,854 L single-compartment concrete balancing tanks, installed in series designed with a theoretical Maximum Daily Flow Rate of 24,650 L/day during Phase 1 and theoretical Maximum Daily Flow Rate of 42,400 L/day during Phase 2, receiving sewage flow from Pump Tank 1, Tank 2 and Septic Tank 3 during Phase 1 and additionally Pump Tank 4 and 5 during Phase 2, and designed to store and release 24,650 L/day at a maximum during Phase 1 and 42,400 at a maximum during Phase 2, 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 0.49 L/s under a TDH of 56 m, on an alternating basis designed to dose 1,766 L/hour to the Ecoflo Biofilter, complete with a liquid level float control system connected to an audible and visual high level alarm system, set at 150 mm below the tank inlet invert;

Ecoflo Biofilter

- Ecoflo Biofilter Model ST-750 treatment system with 14 treatment units, installed on a 38.5m x 22m graded platform, and surrounding space backfilled with crushed mine rock, located east of the site No. 105 south of Nightberry Roost Road, capable of treating 42,400 L/day of wastewater, each unit having a treatment capacity of 2,890 L/day and filled with proprietary filter media, complete with one (1), 14 way pressure flow divider distribution plates to evenly distribute effluent over the surface of a patented peat-based filter medium having a nominal filtering media surface of 62? m^2 per unit, discharging by gravity to a proposed effluent dosing chamber;

Distribution Box

- one (1) in-ground distribution box discharging by gravity distributing effluent flow equally to 14 Ecoflo Treatment units through 14 outlets, designed to dose 1,766 L/hour;

Type A Dispersal Bed

- one (1) 22 m wide and 38.5 m long in-ground Type A dispersal bed receiving effluent from the Ecoflo Biofilter open-bottom treatment unit installed directly on top of the bed, having a Rated Capacity of 42,400 L/day, consisting of a top septic stone area of 848 m^2 (22 m wide, 38. m long and minimum 200 mm thick layer of septic stone meeting OBC specifications) having a minimum separation distance of 600 mm between the bottom of the stone layer and the high groundwater table, rock or soil with a percolation rate (T) greater than 50min/cm, overlaying a contact area of 848 m^2 (a 22.0m wide x 38.5m long) and a minimum of 300mm thick layer of imported sand fill meeting OBC specifications) having a percolation time (T) in the range of than 8 min/cm to 12 min/cm;

Phase 2 Sewage Works (Q=17,750 L/day)

replacement of the Existing Septic Tanks 4 and 5, serving lots 1 to 12, 36 to 49, and A to M (38 Trailer Sites) and one 3 bedroom dwelling unit, comprising;

Septic Tank 4

- one (1) Proposed two compartment precast concrete pump tank, located east of the Site No. 1, receiving effluent from Trailer Sites No. 1 to 4, A to M and 3 bedroom dwelling unit, having a minimum working volume of 26,475 Litres, complete with access riser, effluent filter rated at 9,463 L/day, discharging to the Pumping Chamber 4 located towards the south;

Pump Tank 4

- one (1) precast concrete pump tank, receiving effluent from the Septic Tank 4, equipped with duplex submersible effluent pumps each pump rated at 0.49 L/s at a TDH of 56 m or equivalent, discharging via a 50 mm forcemain to the Balancing Tank;

Septic Tank 5

- one (1) Proposed two compartment precast concrete pump tank, located west of the Site No. 38, receiving effluent from Trailer Sites No. 05 to 12, 36 to 45 and K to M, having a working volume of 26,775 L, complete with access riser, effluent filter rated at 9,463 L/day, discharging to the Pumping Chamber 5 located towards the south;

Pump Tank 5

- one (1) precast concrete pump tank, receiving effluent from the Septic Tank 5, equipped with duplex submersible effluent pumps each pump rated at 0.49 L/s at a TDH of 56 m or equivalent, discharging via a 50 mm forcemain to the Balancing Tank;

EXISTING WORKS
decommissioning of all Existing Works;

including all other mechanical system, electrical system, instrumentation and control system, any standby power system, piping, pumps, valves and appurtenances essential for the proper, safe and reliable operation of the Works in accordance with this Approval, in the context of process performance and general principles of wastewater engineering only;

all in accordance with the **Schedule A.**

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

1. "Approval" means this entire 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. "EPA" means the *Environmental Protection Act* , R.S.O. 1990, c.E.19;

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

8. "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;

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. "Maximum Daily Flow" (also referred to as Peak Daily Flow Rate or Maximum Day Flow) 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;

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. "Seasonal Average Effluent Concentration" is the mean of all Single Sample Results of the concentration of a contaminant in the Final Effluent sampled or measured during an operating season;

13. "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;

14. "Operating Agency" means the Owner, person or the entity that is authorized by the Owner for the management, operation, maintenance, or alteration of the Works in accordance with this Approval;

15. "Owner" means 913281 Ontario Ltd., including any successors and assignees;

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

17. "Peak Daily Flow Rate" (also referred to as Maximum Daily Flow or Maximum Day Flow) 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;

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

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.

2. CHANGE OF OWNER AND OPERATING AGENCY

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. The Owner shall notify the District Manager, in writing, of any of the following changes within **thirty (30) days** of the change occurring:

   a. change of address of the Operating Agency;

   b. change of the Operating Agency, including address of the new Operating Agency.

3. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner in writing, of the existence of this Approval, and forward a copy of the notice to the District Manager.

4. The Owner shall ensure that all communications made pursuant to this condition refer to the 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. **One (1) week** prior to the commencement of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start-up date.

4. Within **one (1) year** of completion of construction of the Proposed Works, a set of record drawings of the Works shall be prepared or updated. These drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be readily accessible for reference at the Works.

5. A set of record drawings of the Works shall be kept up to date through revisions undertaken from time to time and a copy shall be readily accessible for reference at the Works.

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

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

8. 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. 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**.

    1. 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**.

5. 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 C** are not exceeded in the effluent from the Works.

    a. For the purposes of determining compliance with and enforcing subsection (1), the monthly average concentration of $CBOD_5$ & TSS named in Column 1 of the Effluent Limits Table listed in **Schedule C** shall not exceed the corresponding maximum concentration set out in Column 2 of the Effluent Limits Table listed in **Schedule C**.

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 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.

    1. The Owner shall prepare an operations 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.

    2. The Owner shall maintain an up to date operations manual and make the manual readily accessible for reference at the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

    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 or its authorized agent. 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 system shall be discontinued;

    b. the incident shall be **immediately** reported verbally to the Spills Action Centre (SAC) at (416) 325-3000 or 1-800-268-6060;

    c. submit a written report to the District Manager within **one (1) week** of the break-out;

    d. access to the break-out area shall be restricted until remedial actions are complete;

    e. during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to the environment; and

    f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.

8. The Owner shall maintain a minimum 510 m^2 vacant reserve area free from any structure, stockpile of materials or underground utilities, located south of Nightberry Roost Driveway, adjacent to the Proposed Ecoflo Treatment Units, as a contingency measure for future design, approval and construction of an additional or replacement subsurface disposal bed.

7. MONITORING AND RECORDING

1. 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 Influent Monitoring Table included in **Schedule D**.

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 D**.

4. 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.

5. The Owner shall ensure that the flow of treated effluent discharged into the subsurface disposal bed does not exceed 24,650 L/day during Phase 1, and 42,400 L/day during Phase 2.

6. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:

    a. the Ministry's Procedure F-10-1, “Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended from time to time by more recently published editions;

    b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater 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.

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

8. 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 Condition 5, 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 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 summary and interpretation of surface water 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 subsurface 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;

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 and Operating Agency is included to ensure that the Ministry records are kept accurate and current with respect to ownership and Operating Agency 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/record drawings 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, and also ensure that the Works are constructed in accordance with the Approval and that record drawings of the Works "as constructed" are updated and maintained for future references.

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 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.

9. Condition 9 is included to ensure that any components of un-used Works are properly decommissioned.

Schedule A

1. Application for Environmental Compliance Approval dated April 28, 2023 and received on May 19, 2023.

Schedule B

Final Effluent Design Objectives

Concentration Objectives upon completion of construction of all Phase 1 or Phase 2 Works

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

Schedule C

Final Effluent Compliance Limits

Concentration Limits upon completion of construction of all Phase 1 or Phase 2 Works

Final Effluent Parameter	**Averaging Calculator**	**Objective** (milligrams per litre unless otherwise indicated)
CBOD5	Seasonal Average Effluent Concentration	20 mg/L
Total Suspended Solids	Seasonal Average Effluent Concentration	20 mg/L

Schedule D

Monitoring Program

Influent Monitoring

Influent Sampling point: Septic Tank 1, 2, 3, 4 or 5

Sample Type	Grab
Minimum Frequency	two times per operating season
Parameter Type	BOD5, Total Suspended Solids, Total Phosphorus

Final Effluent Monitoring

Final Effluent sampling point: One of the Ecoflo Treatment Unit

Sample Type	Grab
Minimum Frequency	Four times per operating season
Parameter Type	CBOD5, Total Suspended Solids, Total Phosphorus

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

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

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

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

and

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

and

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

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

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

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

DATED AT TORONTO this 26th day of February, 2024

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

KH/
c: Area Manager, MECP Belleville Area Office.
c: District Manager, MECP Kingston District.
Curtis Vreugdenhil, Three Hills Engineering