

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7209-CPBUMM
Issue Date: June 26, 2023

Lovesick Lake Beach Resort Ltd.
4738 Highway 28 Lane
Lakefield, Ontario
K0L 2H0

Site Location: Lovesick Lake Beach Resort Ltd.
3340 Strickers Lane
Township of Selwyn, County of Peterborough, Ontario
K0L 2H0

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

the establishment, usage and operation of proposed and existing subsurface sewage disposal Works for the treatment of domestic sewage and subsurface disposal of treated sewage effluent, to service the proposed and existing on-site facilities at Lovesick Lake Beach Resort, including

- thirty-eight (38) proposed recreational vehicle (RV) sites,
- seventeen (17) existing RV sites,
- twenty-two (22) existing Park Model Units (PMUs),
- one (1) existing 1 bedroom cottage/office (#302),
- one (1) existing 2 bedroom cottage (#301), and
- one (1) existing 3 bedroom cottage (#326),

rated at a combined Maximum Daily Flow of **36,325 litres per day**, that is seasonally operated from May to October and located at the above site location, consisting of the following:

PROPOSED WORKS

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of

34,325 litres per day to service thirty-eight (38) proposed RV sites, seventeen (17) existing RV sites, twenty-two (22) existing PMUs, one (1) existing 3 bedroom cottage (#326), with the capacity to service up to seventy-seven (77) PMUs total of existing and proposed, consisting of the following:

Septic Tanks (for Existing Sites)

- three (3) existing in-ground septic tanks each having a capacity of 11,400 litres connected in series, located immediately south of Sites #317 & 318, receiving raw sewage from the existing sites (22 PMUs, 17 RV sites and Cottage #326), discharging to a proposed septic tank as described below;
- one (1) proposed in-ground septic tank having a capacity of 18,500 litres and equipped with an OBC approved effluent filter, located immediately downstream of the above existing septic tanks, discharging by gravity to a proposed dosing tank as described below;

Dosing Tank

- one (1) proposed dosing tank having a capacity of 11,500 litres, located immediately downstream of the above existing septic tanks and equipped with one (1) submersible effluent pump and an audio/visual high level alarm, discharging effluent to the proposed balancing tanks described below via a forcemain;

Septic Tanks (for Proposed Sites)

- two (2) proposed in-ground septic tanks each having a capacity of 27,300 litres, equipped with an OBC approved effluent filter at the outlet of the last tank connected in series, located immediately east of Site #23, receiving raw sewage from the 38 proposed RV sites, discharging by gravity to the proposed balancing tanks;

Balancing Tanks

- two (2) proposed balancing tanks each having a capacity of 22,750 litres connected at the bottom, located east of Site #23 and equipped with two (2) submersible effluent pumps for dosing effluent into the proposed Ecoflo biofilter treatment system (described below), one (1) submersible pump for effluent recirculation (as part of the phosphorus removal system described below), and an audio/visual high level alarm;

Phosphorus Removal System

- one (1) phosphorus removal system housed in a heated/insulated/ventilated shed or shelter with a design flow rate of 11,442 litres per day, located immediately east of Site #23, consisting of a coagulant reservoir (for storage of PASS10 or equivalent), a chemical dosing pump, an inline static mixer and a control panel, complete with a sampling point upstream of the static mixer, receiving inflow from the balancing tank via the recirculation pump and a forcemain, discharging 50% of the coagulant-laden effluent into the inlet of the first 11,400 litre septic tank servicing the existing sites and 50% of the effluent into the inlet of the first 27,300 litre septic tank servicing the proposed 38 RV sites;

Ecoflo Biofilter Treatment System

- twelve (12) open bottom Ecoflo biofilter treatment units (Model ST-730P), divided into two (2) clusters of six (6) units, with each cluster to be equipped with a six (6) way pressure flow divider and a ventilation blower, to be installed directly on top of the Type A dispersal leaching bed described below;
- each Ecoflo biofilter unit to have a minimum treatment capacity of 2,810 litres per day and be equipped with an internal gravity fed distribution system consisting of distribution plates to uniformly distribute effluent onto the surface of a patented peat moss - coco fibre filtration media, discharging effluent via a perforated bottom to the Type A dispersal bed located underneath;

Type A Dispersal Bed

Q = 34,325 litres per day

- one (1) fully raised Type A dispersal bed, having a maximum treatment capacity of 34,325 litres per day, consisting of a 250 millimetre deep stone layer having an area of approximately 686.4 square metres (26 metres by 26.4 metres) and covered by geotextile (except under the Ecoflo biofilter units), overlying a 600 millimetre thick sand layer comprised of minimum 300 millimetre thickness of Type A sand having a percolation time of 6 to 10 minutes per centimetre and less than 5% fines passing through a 0.074 millimetre sieve, with the remainder of the 600 millimetre thickness comprised of sand fill with 15 minutes per centimetre or less percolation time, with a total sand area of approximately 4,291 square metres with a minimum 300 millimetre thickness comprised of Type A sand and extending minimum 15 metres beyond the treatment unit in the direction that effluent entering soil will move horizontally, constructed on native soil with a percolation time of 50 minutes per centimetre or greater;

EXISTING WORKS

one (1) existing subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 2,000 litres per day, servicing the existing 1 bedroom cottage/office (#302) and 2 bedroom cottage (#301), located along the east property boundary (approximately 50 metres south of Lovesick Lake), consisting of the following:

- one (1) 4,500 litre capacity septic tank with an effluent filter, located immediately southeast of Cottage #302, receiving raw sewage from the above two cottages and discharging by gravity to the leaching bed described below;
- one (1) in-ground conventional absorption trench leaching bed with approximately 60 metre long distribution piping, located further southeast of Cottage #302;

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

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

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

1. "Annual Average Effluent Concentration" is the mean of all Single Sample Results of the concentration of a contaminant in the final effluent or groundwater sampled or measured during a calendar year;
2. "Approval" means this entire Approval document and any Schedules to it, including the application and Supporting Documentation;
3. "CBOD₅" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;
4. "Commissioned" means the construction is complete and the system has been tested, inspected, and is ready for operation consistent with the design intent;
5. "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;
6. "District Manager" means the District Manager of the Peterborough 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. "Grab Sample" or "Grab" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;
10. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;
11. "Maximum Daily Flow" means the largest volume of flow to be received during a one-day period for which the Works is designed to handle;
12. "Monthly 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 a calendar month;
13. "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;
14. "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;
15. "Owner" means Lovesick Lake Beach Resort Ltd. and its successors and assignees;

16. "OWRA" means the *Ontario Water Resources Act* , R.S.O. 1990, c. O.40, as amended;
17. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
18. "Single Sample Result" means the test result of a parameter in the effluent discharged on any day, as measured by a probe, analyzer or in a composite or grab sample, as required;
19. "Works" means the approved sewage works, and includes Proposed Works and Existing Works.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.
3. Where there is a conflict between a provision of any document referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.

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 Ecoflo biofilter treatment system is installed in accordance with the manufacturer's installation manual.
4. 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.
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 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, Effluent and Groundwater Monitoring Table included in **Schedule B**.
3. Prior to the startup of the Works, background groundwater quality must be established by collecting groundwater samples and having them analyzed for the parameters listed in the Groundwater Monitoring Table included in **Schedule B**.
4. Definitions for frequency:
 - i. Biweekly means once every two weeks;
 - ii. Monthly means once every month.
5. The measurement frequencies specified in **Schedule B** in respect to any parameter may, after **three (3) years** of monitoring in accordance with this condition, be modified by the Director in writing in consultation with the District Manager.
6. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to the Type A 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.
7. The Owner shall ensure that the flow of treated effluent discharged into the Type A disposal bed does not exceed **34,325 litres per day**.
8. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
 - a. the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended from time to time by more recently published editions;
 - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater 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.
9. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

6. EFFLUENT AND GROUNDWATER LIMITS

1. The Owner shall design, construct, operate and maintain the Works such that the concentrations of the materials named as effluent parameters in Column 1 the Effluent & Groundwater Limits Table in **Schedule B** do not exceed the corresponding maximum concentration set out in Column 4 of the Effluent & Groundwater Limits Table.

7. 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 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 & 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 operations manual and make the manual readily accessible for reference at the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.
4. The Owner shall, upon the construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the Ecoflo biofilter treatment system 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 remedial actions are complete;
 - e. during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to the environment; and
 - f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.
9. The Owner shall employ for the overall operation of the Works a person who possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.
10. The Owner shall maintain vacant reserve areas with a total combined minimum size of 3,609 square metres and free from any structure, stockpile of materials or underground utilities, located to the west of the proposed Type A dispersal bed (illustrated by Item 5 in **Schedule A**), as a contingency measure for future design, approval and construction of an additional or replacement subsurface disposal bed.
11. 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.

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 subsection 2 of Condition 6, 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 interpretation of all effluent and groundwater monitoring data, including the daily sewage flow discharged to the subsurface disposal bed, shallow groundwater flow direction, interpretation of analytical results and a comparison to the effluent limits (Condition 6) 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.
 - b. a review and assessment of the performance of the Works, including all treatment units and subsurface disposal beds;
 - c. a description of any operating problems encountered and corrective actions taken at all Works located at the property;
 - d. 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;
 - e. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
 - f. a summary and interpretation of all daily flow data and results achieved in not exceeding the

maximum daily sewage flow discharged into each one of the subsurface disposal system;

- g. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- h. a summary of all spill or abnormal discharge events;
- i. 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 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 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.
7. Condition 7 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.

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.

Schedule A

1. Environmental Compliance Approval Application for Municipal and Private Sewage Works submitted by Lovesick Lake Beach Resort Ltd., dated November 29, 2022 and received on December 15, 2022, including the design report, final plans, specifications and all other supporting documentation.
2. Memorandum re. Lovesick Lake Beach Resort – Burleigh Falls Environmental Compliance Approval Reference Number 6550-CM5SV3, dated April 12, 2023 and prepared by Canadian Shield Consultants Agency Inc.
3. Revised Design Brief re. Lovesick Lake Beach Resort, dated April 12, 2023 and prepared by Canadian Shield Consultants Agency Inc.
4. Phosphorus Removal Calculation Sheet, dated April 12, 2023 and prepared by Premier Tech.
5. Revised Drawing Titled "Lovesick Lake Beach Resort ECA Application" (1 of 8), dated May 1, 2023 and prepared by Canadian Shield Consultants Agency Inc.

Schedule B

Influent Monitoring Table

Parameter(s)	Sampling Location	Sample Type	Sampling Frequency
CBOD ₅	Alternating sampling location: one event in the first proposed 27,300 litre septic tank and one event in the existing first 11,400 litre septic tank	Grab	Twice during the operating season: June & September
Total Suspended Solids			
Total Kjeldahl Nitrogen			
Total Phosphorus			

Effluent Monitoring Table

Parameter(s)	Sampling Location	Sample Type	Sampling Frequency (During Operating Season)
CBOD ₅	On discharge from the Ecoflo biofilter treatment system upstream from the Type A dispersal bed	Grab	Monthly
Total Suspended Solids		Grab	Monthly
Nitrate Nitrogen		Grab	Monthly
Total Ammonia Nitrogen		Grab	Monthly
Total Phosphorus (Unfiltered)		Grab	Monthly
Field Filtered Phosphorus*		Grab	Monthly

*Note: To be filtered with a 0.45 micron filter.

Schedule B (Cont'd)

Groundwater Monitoring Table

Parameter(s)	Sampling Location*	Sample Type	Sampling Frequency
Total Ammonia Nitrogen	GW1, GW2, GW3, GW4, GW5, GW6	Grab	<ul style="list-style-type: none"> ● Monthly during the 1st operating year after commissioning; ● Three times during the operating season during the 2nd and 3rd operating years (start, middle and end of season during the months of May, July and September); ● Twice during the operating season thereafter (during the month of June and September) with approval from the Director in consultation with the District Manager.
Nitrite Nitrogen			
Nitrate Nitrogen			
Total Phosphorus (Field Filtered)**			
Chloride			
pH, Temperature, Conductivity		Field Measurements	

*Note: as illustrated in Item 5 (Drawing 1 of 8) of Schedule A.

**Note: To be filtered with a 0.45 micron filter.

Schedule B (Cont'd)

Effluent & Groundwater Limits Table

Parameter(s)	Compliance Location*	Averaging Calculator	Concentration Limit (milligrams per litre)
Column 1	Column 2	Column 3	Column 4
CBOD ₅	On discharge from the Ecoflo biofilter treatment system upstream from the Type A dispersal bed	Annual Average Effluent Concentration	10
Total Suspended Solids			10
Total Inorganic Nitrogen (Nitrate Nitrogen, Nitrite Nitrogen and Ammonia Nitrogen)	GW1, GW2, GW3, GW4, GW5	Annual Average Effluent Concentration	8
Nitrate Nitrogen	GW1, GW2, GW3, GW4, GW5	Single Sample Result	2.5
Total Phosphorus	GW1, GW2, GW3, GW4, GW5, GW6	<ul style="list-style-type: none"> ● 1st operating year after commissioning: seasonal averages (in spring, summer & fall); ● 2nd, 3rd operating year and thereafter: Single Sample Result 	3

*Note: as illustrated in Item 5 (Drawing 1 of 8) of Schedule A.

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

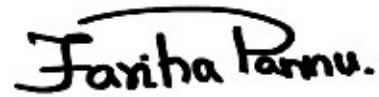
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

* 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 June, 2023



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

SW/

c: District Manager, MECP Peterborough District Office
Gerry Dignard, Canadian Shield Consultants Agency Inc.