ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER A-500-7221394229
Version: 1.0
Issue Date: December 11, 2023

Pursuant to section 20.3 of the Environmental Protection Act, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

SUMMERHILL RESORTS LTD.

1133 YONGE STREET 501
TORONTO ONTARIO
M4T 2Y7

For the following site:

1. Lilac Lodge, legally described as Part Lot 5, Concession 19, Harvey as in 8219107; Kawartha Lakes, and,
2. Green Acres Resort, legally described as Part Lot 5 Concession 19 Harvey as in 8339820; Subject to 8339820; Subject to R351124; Subject to R230689; Kawartha Lakes.

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:

amendment to the Existing Approval **9368-9LGQKL dated July 11, 2014,** previously approved Green Acres RV Resort for Sewage Works for collection, treatment and subsurface sewage disposal, by redesigning the treatment system to serve Green Acres RV Resort as well adjacent Lilac Lodge RV Resort, as well as modification to the existing sewage works on both sites, with a combined Maximum Daily Flow rate of 205,500 L/day and Balanced Maximum Daily Flow rate of 150,000 L/day, located at 2806 Pigeon Lake Road in Bobcaygeon, Ontario, comprising;

Site Facilities to be serviced by the Existing/Proposed Sewage Works

Green Acres RV Resort
Existing 112 serviced PMU (Park Model Unit) sites and 6 additional proposed PMUs (Total of 118 PMUs)
One three bedroom residence
One Laundry

Lilac Lodge RV Resort
Existing 126 serviced PMUs and 5 additional proposed PMUs
Five two bedroom cottages to be converted to PMUs (Total 137 PMUs)
One 2-bedroom residence
One Comfort Station

Proposed Works

Green Acres RV Resort

Pump Chamber PC1-3*
Conversion of the existing Septic Tank 3 (Green Acres Existing Sewage System 1) located west of the PMU site No. 102, to Pump Chamber PC1-3, receiving sewage from PMU sites No. 74 to 89 and 99 to 112, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 2.2 L/s under a TDH of 15.1 m, pumping sewage to a Proposed Lift Station LS3-1;

Pump Chamber PC4-1*
Conversion of the existing Septic Tank (Green Acres Existing Sewage System 3) located north of the PMU site No. 63, to Pump Chamber PC4-1, receiving sewage from PMU sites No. 66 to 73, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 1.9 L/s under a TDH of 16.2 m, pumping sewage to a Proposed Lift Station LS3-1;

Pump Chamber PC6-1*
Conversion of the existing Septic Tank (Green Acres Existing Sewage System 6) located east of the PMU site No. 92, to Pump Chamber PC6-1, receiving sewage from PMU sites No. 91 to 98, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 2.5 L/s under a TDH of 14.9 m, pumping sewage to a Proposed Lift Station LS3-1;

Lift Station LS3-1*
One Proposed lift station LS3-1 (Green Acres Sewage System) located north of the PMU site No. 1, receiving pumped sewage from Pump Chamers PC1-3, PC4-1, PC6-1, and sewage flow by gravity from PMU sites No.1 to 65, complete with duplex grinder pumps Liberty LGV03 or equivalent equipment, each rated at 4.5 L/s under a TDH of 19.0 m, pumping sewage to Proposed balancing tank no.1 (BT1);

- Decommissioning of the Existing Leaching Beds for sewage works No. 1, 5 and 5 and routing the sewage flow to a proposed treatment system, as described below;
- Decommissioning of the sewage Works No 3 and routing the sewage flow to a proposed treatment system, as described below;

Lilac Lodge RV Resort

Pump Chamber (L-PC6)*
Conversion of the existing Holding Tank located between the PMU sites No. 43 and 44, to a single compartment pump chamber, receiving sewage from PMU sites No. 34, sites No. 37 to 51 and sites No. 69 to 74 complete with duplex pumps liberty LSG200 or equivalent equipment, each rated at 2.4 L/s under a TDH of 15.3, pumping sewage to the Comfort Station pump chamber;

Pump Chamber L-PC5*
Conversion of the existing 13,500 L Holding Tank located between the PMU sites 55 and 56, to a single compartment pump chamber (L-PC5), receiving sewage from PMU sites No. 27-33, 52 to 59, 60-68 and 77-127 and L-PC3 (receiving sewage from the PMU sites No. 26 and 27), complete with duplex grinder pumps liberty LSG200 or equivalent equipment, each rated at 3.1 L/s under a TDH of 12.3 m, pumping sewage to balancing tank no. 1(BT1);

Comfort Station Pump Chamber*
Conversion of the existing Comfort Station Septic Tank located beside the Comfort Station to a Pump Chamber, receiving sewage from 6 proposed PMU's (PMU's are replacing the 5 Cottages), PMU sites No. 1 to 6, Site No. 7, site No. 10 to 15, and Pump Chamber L-PC1 (receiving sewage from PMU sites 8 and 9), and L-PC4 (receiving sewage from PMU sites No. 16, 17, 36 and 37) and LPC1 (receiving sewage from PMU sites No. 18 to 25A), complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 3.5 L/s under a TDH of 12.2 m, pumping sewage to balancing tank no. 1(BT1);

- Decommissioning of the existing 9,460 L holding tank located beside the 13,500 L holding tank;
- Decommissioning of the existing 3,030 L concrete holding tank located between sites No. 16 and 17 and routing the sewage to the existing pump chamber L-PC4;
- Decommissioning the existing 3,785 L concrete holding tank located between the PMU sites No. 35 and 36 and routing the sewage to existing pump chamber L-PC4;
- Decommissioning the existing 7,570 L concrete holding tank located between the PMU sites No. 8 and 9 and routing the sewage to existing pump chamber L-PC1;

Sewage Works serving Green Acres RV Resort and Lilac Lodge RV Resort
Proposed sewage system replacing the existing onsite sewage systems on both properties, consisting of two interconnected balancing tanks, eight Waterloo Biofilter Anaerobic Digester tanks connected in series, two pump tanks, five interconnected Waterloo Biofilter treatment tanks, a dosing tank and an inground Type A dispersal bed, all designed for treatment and

disposal of a balanced Maximum Daily Flow of 150,000 L/day, comprising;

Waterloo Biofilter Treatment System

Balancing Tanks BT1 and BT2
two single-compartment precast concrete balancing tanks, BT1 and BT2, 80,000 L capacity each, located north of the Maintenance Building, receiving sewage from LS3-1, L-PC5, and Comfort Station pump chamber, interconnected hydraulically at the bottom; Tank No. 2 will be equipped with duplex submersible grinder pumps limiting the daily discharge to the leaching bed system to 150,000 L/day; each of the pumps are rated for 3.4 L/s at 12.6 m TDH, conveying via a 32 mm diameter PVC forcemain into the proposed precast concrete Waterloo Biofilter Anaerobic Digester Tank No. 1;

Waterloo Biofilter Anaerobic Digester Tanks
Eight 45,000 L two-compartment Waterloo Biofilter Anaerobic Digester tanks (AD 1 to AD8), installed in series, located north of the Maintenance Building beside the balancing tanks, receiving the effluent from Balancing Tank No. 2; designed with a minimum overall hydraulic retention time of 1.89 days, each tank complete with risers to grade and access hatches at both the inlet and outlet; the outlets of tanks no. 7 and 8 are each equipped with four effluent filters, discharging the effluent to Waterloo Biofilter Tanks;

Waterloo Biofilter Pump Tanks PT1 and PT2
two 36,000 L precast concrete Waterloo Biofilter pump tanks (PT1 and PT2), receiving the effluent from the Anaerobic Digester No. 8, the two pump tanks are interconnected hydraulically by bottom drains, with each pump tank equipped with two submersible effluent pumps (Liberty 280 or equivalent equipment) operating on an alternating manner, with Pump Tank No. 1 pump dosing Waterloo Biofilter Treatment Tanks 1, 2 and half of 5, and Pump Tank No. 2 pumps dosing Waterloo Biofilter Treatment Tanks 3, 4, and the other half of 5, complete with vents and audible and visible high-level alarms, discharging to the treatment tanks;

Waterloo Biofilter Treatment Tanks
five 50,000 L precast concrete bulk-filled Waterloo Biofilter treatment tanks WBT1 to WBT5, interconnected hydraulically by bottom drains, located north of the Maintenance Building beside the Anaerobic Digester tanks, each tank housing 50 m3 of Waterloo Biofilter treatment media complete with passive venting, air fans; discharging the treated effluent via the bottom drains in Biofilter No. 5 into a proposed pump tank no 3;

Pump Tank PT3
One 28,500 L single compartment precast concrete dosing pump tank PT3, receiving treated effluent via gravity flow, located at the east of the treatment tank no. 5 (WBT5), equipped with five submersible effluent pumps, each pump rated at 4.7 L/s under a TDH of 22.2 m; the first simplex pump recirculating a portion of the effluent back to the inlet of the Anaerobic Digester Tank No. 1; the second pump dosing a maximum of 150,000 L/day to three sand filters located in the control building for phosphorus removal; draining back by gravity to the pump tank; the remaining three pumps pumping the final treated effluent to the proposed Type A Dispersal bed, each pump directing the effluent to a dedicated zone in the leaching bed via three 50 mm diameter forcemains, complete with flow meters located in the control building;

Phosphorus Removal System
One phosphorus removal system consisting of:

- chemical injection system comprising of coagulant storage tote (approximately 1m^3 capacity), two chemical metering pumps (Stenner Model 45MHP10 or equivalent equipment), each rated for 0.08 to 1.58 L/h (operator adjustable), all located in the control building. Each chemical metering pump injects coagulant for phosphorus removal to the proposed Anaerobic Digesters via the recirculation forcemains, with the first injection point located at the inlet to Anaerobic Digester No. 1 and the second injection point located at the inlet to Anaerobic Digester No.7;
- Three (3) pressurized Sand Filters with nominal filtration of 3-5 micron (nextsand or equivalent equipment) located in the control building, receiving pumped effluent from the Pump tank PT3 and discharging by gravity into the Pump Tank PT3. Each sand filter has a loading rate of 1.0 L/s;

Type A Dispersal Bed (Q=150,000 L/day)
Type A Dispersal Bed designed for the percolation rate of native soil (T-time) of 6 min/cm, constructed in six (6) cells with each cell having a distribution pipe in 8 runs of 75 mm diameter perforated pipes with each pipe approximately 19.5 m long and equally spaced 1.2 m apart from centre to centre, all installed in a 3,062 m2, 300 mm deep continuous stone layer covered with

a permeable geo-textile fabric, with a total contact area of 3062 m^2;

Existing Works
existing subsurface disposal works for the collection, transmission, treatment and disposal of domestic sewage at the Green Acres Trailer Park, located on Lot 5, Concession 19 (former Township of Verulam), in the City of Kawartha Lakes, consisting of the following:

Green Acres RV Resort

Sewage System No. 1 (the leaching bed is now being decommissioned)
A subsurface disposal system designed for 31 trailer sites and 6 cottages, currently proposed to service a total of 37 trailer sites (with the 6 cottages and their associated comfort station replaced by 6 new trailers), consisting of three septic tanks and a tile bed described as follows:

Septic Tanks: A 6,750 L (1,500 gallon) septic tank to receive sewage from the 6 trailers replacing the previously existing 6 cottages discharging to a 9,100 L (2,000 gallon) septic tank that also receives sewage from 25 trailers (lower valley trailers) and a 2,730 L (600 gallon) septic tank receiving sewage from 6 trailers (upper trailers) discharging sewage directly to the distribution box of the leaching bed;

Pump Chamber and Leaching Bed: A 1,360 L (300 gallon) pump chamber located downstream of the 9100 L septic tank equipped with a pump reportedly capable of delivering 820 litres (180 gallons) per 15 minute cycle via a distribution box to the tile bed consists of eight runs of 80 feet and one run of 90 feet of PVC distribution pipe (total length of 222.5 metres).

Sewage System No. 2
A subsurface disposal system for Park Manager's house (5 bedroom) consisting of a 4,500 litre septic tank discharging to a tile bed with 107 metres of 100 mm diameter PVC distribution pipe.

Sewage System No. 3 (now being decommissioned)
A subsurface disposal system for 65 trailer sites consisting of 22,730 litre (5,000 gallon) septic tank discharging to 427 metres (1,400 feet) of 100 mm diameter distribution pipe via a 1,365 litre (300 gallon) pump chamber equipped with a pump reportedly capable of delivering 546 litres (120 gallons) per 15 minute cycle

Sewage System No. 4 (the leaching bed is now being decommissioned)
A subsurface disposal system for 8 trailer sites consisting of 3,600 litre septic tank discharging to a leaching bed comprised of 61 metres (200 feet) of 100 mm (4 inch) diameter PVC distribution pipe laid out in 5 runs of 40 feet each

Sewage System No. 5 (the leaching bed is now being decommissioned)
A Class 2 leaching pit receiving laundry grey water from a maximum of three washing machines.

Lilac Lodge RV Resort

Pump Chamber L-PC1*
One existing pump chamber L-PC4 located west of the PMU site No. 9, receiving sewage from PMU sites 8 and 9 and Pump Chamber L-PC4, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 2.1 L/s under a TDH of 16.1 m, pumping sewage to Comfort Station pump chamber.

Pump Chamber L-PC2*
One existing pump chamber L-PC2 located rear of the PMU site No. 21, receiving sewage from PMU sites No. 18 and 25A, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 2.1 L/s under a TDH of 14.9 m, pumping sewage to the L-PC4;

Pump Chamber L-PC3*
One existing pump chamber L-PC3 located south of the PMU site No. 27, receiving sewage from PMU sites No. 26 and 27, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 2.1 L/s under a TDH of 14.9 m, pumping sewage to the Pump Chamber L-PC5;

Pump Chamber L-PC4*
One existing pump chamber L-PC4 located west of the PMU site No. 16, receiving sewage from PMU sites No. 16,17, 35 and 36, complete with duplex grinder pumps Liberty LSG200 or equivalent equipment, each rated at 2.4 L/s under a TDH of 15.5 m,

pumping sewage to an existing Pump Chamber L-PC1;

*represents pump chambers that are part of the collection system, and regulated under the Ontario Building Code (OBC),

all other monitoring and control systems, electrical equipment, mechanical components, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage Works, all in accordance with the **Schedule 1.**

DEFINITIONS

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. "Final Effluent" means effluent that is discharged to the environment through the approved effluent disposal facilities, including all Bypasses, that are required to meet the compliance limits stipulated in the Approval for the Sewage Treatment Plant at the Final Effluent sampling point(s);
9. "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;
10. Maximum Daily 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. "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. "Site" means the properties listed in the Site Location section of this Approval;
13. "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;
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 Summer Hill Resorts Ltd, including any successors and assignees
16. "OWRA" means the *Ontario Water Resources Act,* R.S.O. 1990, c. O.40, as amended;
17. "Seasonal Average Daily Effluent Flow" means the cumulative total Final Effluent discharged during a Season divided by the number of days during which Final Effluent was discharged that season;
18. "Seasonal Average Daily Influent Flow" means the cumulative total sewage flow of Influent to the Sewage Treatment Plant during a season divided by the number of days during which sewage was flowing to the Sewage Treatment Works during that season;

19. "Works" means the approved sewage works, and includes Proposed Works and Existing Works.

TERMS AND CONDITIONS

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

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.17shall 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.39shall 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 AND RECORD DRAWINGS

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 any imported soil that is required for construction of any subsurface disposal bed as per this Approval is tested and verified by the Licensed Engineering Practitioner for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.

4. DESIGN OBJECTIVES

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

2. Final Effluent parameters design objectives listed in the table(s) included in **Schedule 2.**

5. COMPLIANCE LIMITS

1. The Owner shall operate and maintain the Sewage Treatment Plant such that compliance limits for the Final Effluent parameters listed in the table(s) included in **Schedule 3** are met.

6. OPERATION AND MAINTENANCE

1. The Owner shall ensure that, at all times, the Works and the related equipment and appurtenances used to achieve compliance with this Approval are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate staffing and training, including training in all procedures and other requirements of this Approval and the OWRA and relevant regulations made under the OWRA, process controls and alarms and the use of process chemicals and other substances used in the Works.

2. The Owner shall prepare/update the operations manual for the Works within six (6) months of completion of construction of the Proposed Works, that includes, but not necessarily limited to, the following information:

    a. operating procedures for the Works under Normal Operating Conditions;

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

    c. repair and maintenance programs, including the frequency of repair and maintenance for the Works;

    d. procedures for the inspection and calibration of monitoring equipment;

    e. operating procedures for the Works to handle situations outside Normal Operating Conditions and emergency situations such as a structural, mechanical or electrical failure, or an unforeseen flow condition, including procedures to minimize Bypasses;

    f. 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;

    g. procedures for receiving, responding and recording public complaints, including recording any followup

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 operate the Works such that Final Effluent is only discharged during the period(s) as follows:
    1. between May 01 and Oct 30 not exceeding the Maximum Daily Flow of 150,000 L/day to the Type A Dispersal Bed.

5. The Owner shall maintain a logbook to record the results of all inspections, repair and maintenance undertaken, calibrations, monitoring and spill response or contingency measures undertaken and shall make the logbook available for inspection by Ministry staff. The logbook shall include the following:
    1. the name of the operator making the entry; and
    2. the date and results of each inspection, repair, maintenance, calibration, monitoring, spill response and contingency measure.

6. The Owner shall, upon completion of construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.

7. 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.

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

9. In the event a break-out is observed from a subsurface disposal bed, the Owner shall do the following:
    a. sewage discharge to that subsurface disposal bed shall be discontinued;
    b. the incident shall be immediately reported verbally to the Spills Action Centre (SAC) at (416) 325-3000 or 1-800-268-6060;
    c. submit a written report to the District Manager within one (1) week of the break-out;
    d. access to the break-out area shall be restricted until remedial actions are complete;
    e. during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to the environment; and
    f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.

10. The Owner shall ensure that the septic tanks and/or sludge tanks as be inspected at least twice per year, and the sewage sludge accumulated in the septic tanks and/or sludge tanks be periodically withdrawn at the frequency required to maintain efficiency of the treatment system. The effluent filters in septic tanks shall be cleaned out at least once every six (6) months, when the tank is pumped out, or as determined by the Operating Agency, whichever comes first.

11. The Owner shall ensure that the Operating Agency possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.

12. The Owner shall ensure that Maximum Daily Effluent Flow to the Balancing Tank does not exceed 205,500 L/day and the Balanced Maximum Daily Effluent Flow discharged to the Type A subsurface disposal bed does not exceed 150,000 litres per day.

13. Upon request, the Owner shall make the Inspection Reports available to Ministry staff.

14. The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information

related to or resulting from the operation and maintenance activities required by this Approval.

7. MONITORING AND RECORDING

1. The Owner shall, upon commencement of operation of the Works, carry out a scheduled monitoring program of collecting samples at the required sampling points, at the frequency specified or higher, by means of the specified sample type and analyzed for each parameter listed in the tables under the monitoring program included in **Schedule 4** and record all results, as follows:
    1. all samples and measurements are to be taken at a time and in a location characteristic of the quality and quantity of the sewage stream over the time period being monitored.
    2. definitions and preparation requirements for each sample type are included in document referenced in Paragraph 2.b.
    3. definitions for frequency:
        a. Daily means once every day;
        b. Monthly means once every month;
        c. a schedule of the day of the week/month for the scheduled sampling shall be created. The sampling schedule shall be revised and updated every year through rotation of the day of the week for the scheduled sampling program, except when the actual scheduled monitoring frequency is three (3) or more times per week.
2. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
    a. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
    b. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
    c. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b and 2.c, the written approval of the District Manager shall be obtained prior to sampling.
3. The Owner shall monitor and record the flow rate and daily quantity using flow measuring devices or other methods of measurement as approved below calibrated to an accuracy within plus or minus 15 per cent (+/- 15%) of the actual flowrate of the following:
4. Influent flow to the Sewage Treatment Works by continuous flow measuring devices and instrumentations/pumping rates/details of other methods, or in lieu of an actual installation of equipment, adopt the flow measurements of the Final Effluent for the purpose of estimating Influent flows if the Influent and Final Effluent streams are considered not significantly different in flow rates and quantities;
5. Final Effluent discharged to, and from the Waterloo Biofilter Treatment System (and Type A Dispersal Bed) by continuous flow measuring devices and instrumentations/pumping rates/details of other methods, or in lieu of an actual installation of equipment, adopt the flow measurements of the Influent for the purpose of estimating Final Effluent flows if the Influent and Final Effluent streams are considered not significantly different in flow rates and quantities;
6. The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

8. REPORTING

1. The Owner shall report to the District Manager orally as soon as possible any non-compliance with the compliance limits specified in Condition 7, and in writing within seven (7) days of non-compliance.
2. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and

Reporting of Discharges) made under the EPA, the Owner shall, within fifteen (15) days of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.

3. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff;

4. The Owner shall prepare performance reports on a calendar year basis and submit to the District Manager in an electronic format 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 summary and interpretation of all Influent flow rates;

    b. a summary and interpretation of all flow data and results achieved in not exceeding the Maximum Daily Flow and the balanced flow/subsurface bed design flow, discharged into the subsurface disposal system;

    c. a summary and interpretation of all Final Effluent monitoring data, including concentration, flow rates, and a comparison to the design objectives and compliance limits in this Approval, including an overview of the success and adequacy of the Works;

    d. a summary of any deviation from the monitoring schedule and reasons for the current reporting year and a schedule for the next reporting year;

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

    f. a summary of all normal and emergency repairs and maintenance activities carried out on any major structure, equipment, apparatus or mechanism forming part of the Works;

    g. a summary of any effluent quality assurance or control measures undertaken;

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

    i. a summary of efforts made to achieve the design objectives in this Approval, including an assessment of the issues and recommendations for pro-active actions when any of the design objectives is not achieved more than 50% of the time in a year or there is an increasing trend in deterioration of Final Effluent quality;

    j. a tabulation of the volume of sludge generated, an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed;

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

    l. a summary of all Bypasses, and other situations outside Normal Operating Conditions and spills within the meaning of Part X of EPA and abnormal discharge events;

    m. any changes or updates to the schedule for the completion of construction and commissioning operation of major process(es) / equipment groups in the Proposed Works;

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

9. REGISTRATION ON TITLE REQUIREMENT

1. Pursuant to Section 197 of the Environmental Protection Act, prior to dealing with any of the properties comprising the Site in any way, the Owner shall provide a copy of this Approval and any amendments, to any person who will acquire an interest in the property as a result of the dealing.

2. Within sixty (60) calendar days of the issuance of this Approval, the Owner shall submit to the Director:

    a. a plan of survey including each property comprising the Site indicating where the Works will be located;

    b. a completed Certificate of Requirement and its supporting documents containing a registerable

description of each property comprising the Site.

c. Within fifteen (15) calendar days of receiving a Certificate of Requirement authorized by the Director, the Owner shall:

d. register the Certificate of Requirement in the Land Titles Division of the Land Registry Office on the title to each property comprising the Site; and

e. submit to the Director written verification that the Certificate of Requirement has been registered on title.

REASONS

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 regarding reporting is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for this Approval.
9. Condition 9 is included in order to require the Owner to give notice of this Approval to potential future owners of the property before the property is dealt with.

APPEAL PROVISIONS

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

I. 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;

II. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

I. The name of the appellant;

II. The address of the appellant;

III. The environmental compliance approval number;

IV. The date of the environmental compliance approval;

V. The name of the Director, and;

VI. 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 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 11th day of December, 2023

Fariha Pannu.

Fariha Pannu

Director

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

c: Ina Rivard, CENTURY BEACH RV RESORT
Jazmyne Woolley, R.J. Burnside
Anne Egan, RJ Burnside

The following schedules are a part of this environmental compliance approval:

SCHEDULE 1

1. Application for Environmental Compliance Approval received on April 10, 2023, including Environmental Study Report, design report, final plans and specifications.

SCHEDULE 2

Final Effluent Design Objectives

Concentration Objectives upon completion of construction of all Proposed 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
Total Phosphorus	Seasonal Average Effluent Concentration	0.5 mg/L

SCHEDULE 3

Final Effluent Compliance Limits

Concentration Limits upon completion of construction of all Proposed Works

Effluent Parameter	**Averaging Calculator**	**Limit** (maximum unless otherwise indicated)
CBOD5	Seasonal Average Effluent Concentration	15 mg/L
Total Suspended Solids	Seasonal Average Effluent Concentration	15 mg/L
Total Phosphorus	Seasonal Average Effluent Concentration	1 mg/L

SCHEDULE 4

Monitoring Program

Influent - Influent sampling point from Balancing Tank BT2

Parameters	Sample Type	Minimum Frequency
BOD5	Grab	Once every Season
Total Suspended Solids	Grab	Once Every Season
Total Phosphorus	Grab	Once Every Season

Final Effluent - Final Effluent sampling point from Balancing Tank BT3

Parameters	Sample Type	Minimum Frequency
CBOD5	Grab	Monthly
Total Suspended Solids	Grab	Monthly
Total Phosphorus	Grab	Monthly