

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 4986-CPXSBY
Issue Date: June 6, 2023

1000145848 Ontario Inc., operating as Century Lodge
Eagle Lake
Post Office Box, No. 785
Dryden, Ontario
P8N 2Z4

Site Location: Century Lodge
Century Island
City of Dryden, District of Kenora

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 of Works for the treatment of sanitary sewage and subsurface disposal of treated effluent from Century Lodge, seasonal campsite, at the above site location, rated at a Maximum Daily Flow of 18,425 litres per day, consisting of the following:

Site Facilities:

- existing twelve (12) Cottages, serving 45 guests (served by the Proposed South Sewage Works);
- existing three (3) Staff Cabins and one (1) Proposed Future Staff Cabin, serving 18 staff (served by the Proposed North Sewage Works);
- existing one (1) Restaurant, serving 43 guests and staff (served by the Proposed North Sewage Works);
- existing one (1) Laundry Building with one laundry unit (served by the Proposed North Sewage Works).
- existing one (1) Recreational Cabin (served by the Proposed South Sewage Works)

Proposed Works

South Sewage Works

One (1) sewage treatment and subsurface disposal system, having a total daily design sanitary sewage flow of approximately 7,950 litres per day, servicing twelve (12) seasonal Cottages and one (1) Recreational Cabin consisting of the following:

Septic Tank number 5 (ST5)

- One (1) new Fibreglass Septic Tank number 5 (ST5), serving cottage number 10, 11, 12, and the Recreational Cabin, located South West of the Recreational Cabin, having a minimum capacity of approximately 6,000 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 3,000 litres Proposed Pump Chamber (PC1);

Pump Chamber number 1 (PC1)

- One (1) new Proposed Pump Chamber (PC1), having a minimum capacity of approximately 3,000 litres, complete with an audible/visual alarm system, high and low float switches and an effluent pump, receiving sewage from Septic Tanks ST1, ST2, ST3, ST4, and ST5, and discharging 1,470 litres per dosing cycle via a 50 millimetres diameter forcemain to each of the distribution boxes described below;

North Sewage Works

One (1) sewage treatment and subsurface disposal system, having a total daily design sanitary sewage flow of approximately 10,475 litres per day, servicing four (4) Staff Cabins, one lodge building with Restaurant, and one (1) Laundry Building consisting of the following:

Septic Tank number 10 (ST10)

- One (1) new Fibreglass Septic Tank number 10 (ST10), serving the Future Staff Cabin, located South West of the Future Staff Cabin, having a minimum capacity of approximately 3,600 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 600 litres Proposed Pump Chamber (PC10);

Pump Chamber number 10 (PC10)

- One (1) new Proposed Pump Chamber (PC10), having a minimum capacity of approximately 600 litres, complete with an audible/visual alarm system, high and low float switches and an effluent pump, receiving sewage from Septic Tank number 10 (ST10), and discharging the effluent to the 4,000 litres Proposed Pump Chamber (PC2);

Septic Tank number 9 (ST9)

- One (1) new Fibreglass Septic Tank number 9 (ST9), serving Septic Tank number 6 and the Laundry Building, located North East of the Laundry Building, having a minimum capacity of approximately 12,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 4,000 litres Proposed Pump Chamber (PC2);

Pump Chamber number 2 (PC2)

- One (1) new pump chamber (PC2), having a minimum capacity of approximately 4,000 litres, complete with an audible/visual alarm system, high and low float switches and an effluent pump, receiving sewage from Septic Tanks ST7, ST8, ST9 and PC10, and discharging 1,960 litres per dosing cycle via a 50 millimetres diameter forcemain and distribution box to the absorption trench leaching bed described below;

Absorption Trench Leaching Bed

- One (1) absorption trench leaching bed, consisting of Type I leaching chambers with a total length of 314.5 metres arranged in thirteen (13) parallel runs spaced at a minimum centre-line distance of 1600 millimetres, each run having a minimum bottom depth of 600 millimetres and each run equipped with a 100 millimetre diameter distribution pipe, stilled on 900 millimetres of imported sand fill having a percolation rate of approximately 6 minutes per centimetre, with the chambers covered with a 150 millimetres deep layer of porous backfill;

Existing Works

Existing Sewage Works

Septic Tank number 1 (Now being re-purposed to the Proposed South System with the Maximum Daily Flow of 7,950 litres per day)

- One (1) existing Septic Tank number 1 (ST1), serving cottage number 7, 8, and 9, having a minimum capacity of approximately 4,542 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 3,000 litres pump chamber (PC1);

Septic Tank number 2 (Now being re-purposed to the Proposed South System with the Maximum Daily Flow of 7,950 litres per day)

- One (1) existing Septic Tank number 2 (ST2), serving cottage number 5 and 6, having a minimum capacity of approximately 2,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 3,000 litres pump chamber (PC1);

Septic Tank number 3 (Now being re-purposed to the Proposed South System with the Maximum Daily Flow of 7,950 litres per day)

- One (1) existing Septic Tank number 3 (ST3), serving cottage number 3 and 4, having a minimum capacity of approximately 2,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 3,000 litres pump chamber (PC1);

Septic Tank number 4 (Now being re-purposed to the Proposed South System with the Maximum Daily Flow of 7,950 litres per day)

- One (1) existing Septic Tank number 4 (ST4), serving cottage number 1 and 2, having a minimum capacity of approximately 2,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 3,000 litres pump chamber (PC1);

Septic Tank number 6 (Now being re-purposed to the Proposed North System with the Maximum Daily Flow of 10,475 litres per day)

- One (1) existing Septic Tank number 6 (ST6), serving Central Lodge with a Restaurant, having a minimum capacity of approximately 2,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 12,700 litres Septic Tank (ST9);

Septic Tank number 7 (Now being re-purposed to the Proposed North System with the Maximum Daily Flow of 10,475 litres per day)

- One (1) existing Septic Tank number 7 (ST7), serving Staff Cabin number 1, having a minimum capacity of approximately 2,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 4,000 litres Pump Chamber (PC2);

Septic Tank number 8 (Now being re-purposed to the Proposed North System with the Maximum Daily Flow of 10,475 litres per day)

- One (1) existing Septic Tank number 8 (ST8), serving Staff Cabin number 1 and 2, having a minimum capacity of approximately 2,700 litres and equipped with an effluent filter at the outlet and discharging the effluent to the 4,000 litres Pump Chamber (PC2);

Absorption Trench Leaching Bed (Now being amended as the Existing South Leaching Bed as part of the Proposed South Sewage Works with the Maximum Daily Flow of 7,950 litres per day)

- One (1) existing absorption trench leaching bed, consisting of Type I leaching chambers with a total length of 241 metres arranged in twelve (12) parallel runs spaced at a minimum centre-line distance of 1600 millimetres, each run having a minimum bottom depth of 600 millimetres and each run equipped with a 100 millimetre diameter distribution pipe, stilled on 900 millimetres of imported sand fill having a percolation rate of approximately 6 minutes per centimetre, with the chambers

covered with a 150 millimetres deep layer of porous backfill;

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

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

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

1. "Approval" means this entire document and any schedules attached to it, and the application;
2. "Commissioned" means the construction is complete and the system has been tested, inspected, and is ready for operation consistent with the design intent;
3. "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;
4. "District Manager" means the District Manager of the Thunder Bay District Office;
5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
6. "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;
7. "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;
8. "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;
9. "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;
10. "Owner" means 1000145848 Ontario Inc, operating as Century Lodge and its successors and assignees;
11. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
12. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
13. "Works" means the approved sewage works, and includes Proposed 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. The approval issued by 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 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 Information 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 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. 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.
5. 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.
6. The Owner shall ensure that all new construction uses soils of a quality and quantity meeting the requirements outlined in the Lakeshore Capacity Handbook (2010) (Section 5.2 under *Requirements and restrictions for development on lakes at capacity*; >3m, non-calcareous (<1% CaCO₃ equivalent by weight), iron and aluminum >1% equivalent by weight) to be used as part of the installation of the Leaching Bed as described in the Handbook (bed location and 15m downgradient) to provide phosphorus attenuation.

5. OPERATIONS, MAINTENANCE AND RECORDING

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 ensure that the septic tanks are pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filter is cleaned out at minimum once a year (or more often if required).
3. 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.

4. The Owner shall visually inspect the general area where Works are located for break-out once every month during the operating season.
5. 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.
6. The Owner shall maintain a logbook to record the results of operation and maintenance activities specified in the above sub-clauses, and shall keep the logbook at the site and make it available for inspection by the Ministry staff.
7. The Owner shall ensure to implement the best management practices for stormwater management in the document entitled "Stormwater Best Management Practices for Camp Owner in Northwestern Ontario" to mitigate the additional nutrient load from lot-level development on their property.
8. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this Approval.

6. REPORTING

1. **One (1) week** prior to the start up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start up date.
2. 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.

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 require that the Works be properly operated, maintained, and equipped such that the environment is protected.
6. Condition 6 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. Application for Environmental Compliance Approval submitted by Richard Tyran, Owner of 1000145848 Ontario Inc. received on October 13, 2022 for the proposed sewage treatment and subsurface disposal systems, including Environmental Study Report, design report, final plans and specifications.

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

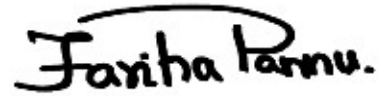
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

* 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 6th day of June, 2023



Fariha Pannu, P.Eng.

Director

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

ZD/

c: Area Manager, MECP Kenora Area Office

c: District Manager, MECP Thunder Bay - District Office
Dale Wiebe, Pinchin Ltd.