

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 2651-CLLRBP  
Issue Date: May 31, 2023

Raymond E Duhaime  
129 Highway South P.O. Box 1404  
Chapleau, Ontario  
P0M 1K0

Site Location: Linamac Lodge & Trailer Park  
Lot 3, Concession 0  
Daoust Unorganized Township  
District of Sudbury, Ontario  
P0M 1K0

*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 subsurface sewage disposal Works for the treatment of domestic sewage and subsurface disposal of treated sewage effluent, to service the proposed and existing facilities within Linamac Lodge & Trailer Park at the above site location, including

- four (4) existing year-round 1 bedroom cottages (Cottages #1, 2, 6 and 7),
- two (2) existing year-round 2 bedroom cottages (Cottages #3 and 8),
- three (3) proposed/future year-round 2 bedroom cottages (Cottages 4, 5 and 9 (future)),
- forty-six (46) existing seasonal recreational trailer sites with water and sewer hook-up,
- four (4) proposed seasonal recreational trailer sites with water and sewer hook-up,
- one (1) existing year-round 2 bedroom lodge (i.e., owner's lodge), and
- one (1) existing comfort station,

rated at a total Maximum Design Flow of **31,650 litres per day**, consisting of the following:

## PROPOSED WORKS

### Subsurface Sewage Disposal System #1

$Q_{\max} = 5,900$  litres per day

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 5,900 litres per day to service Cottages #1, 2, 3, 4 and 5 and owner's lodge located within the southwest portion of the developed area (near the site entrance), consisting of the following:

- one (1) proposed in-ground 5,455 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately south of Cottage #2, receiving raw sewage from Cottages #1, 2 and 3 by gravity and discharging to an effluent lift station as described below;
- one (1) proposed in-ground 450 litre effluent lift station located immediately southeast of the above septic tank, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to a proposed effluent lift station described below via 50 millimetre diameter forcemains;
- one (1) proposed in-ground 6,800 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately east of Cottage #5, receiving raw sewage from Cottages #4 and 5 and owner's lodge by gravity and discharging to an effluent lift station as described below;
- one (1) proposed in-ground 3,600 litre effluent lift station located immediately south of the above 6,800 litre septic tank, equipped with one (1) submersible effluent pump, floats and a high level alarm, receiving effluent from the above 450 litre effluent lift station and 6,800 litre septic tank, discharging septic tank effluent to a proposed conventional absorption trench leaching bed described below via a 50 millimetre diameter forcemain;
- one (1) in-ground absorption trench leaching bed, consisting of seven (7) runs of approximately 30 metre long 75 millimetre diameter perforated pipe (for a total distribution piping length of approximately 210 metres), spaced at minimum 1.60 metres from centre to centre and installed within a 600 millimetre wide and minimum 275 millimetre deep OBC approved clear stone layer protected by permeable geo-textile fabric, situated within seven (7) 600 millimetre wide and maximum 900 millimetre deep absorption trenches, which are underlain by minimum 0.9 metre deep native soil and covered with topsoil and sod;

### Subsurface Sewage Disposal System #2

$Q_{\max} = 4,250$  litres per day

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 4,250 litres per day to service ten (10) trailer sites adjacent to Louise Lake, consisting of the following:

- one (1) proposed in-ground 9,000 litre capacity 2-compartment septic tank, located northwest of the above sites near the existing pump house, receiving raw sewage from the sites by gravity and discharging to a septic tank as described below;
- one (1) proposed in-ground 4,500 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately south of the above septic tank, discharging to an effluent

lift station as described below;

- one (1) proposed in-ground 3,600 litre effluent lift station located immediately south of the above septic tanks, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to an absorption trench leaching bed described below via 50 millimetre diameter forcemains;
- one (1) proposed in-ground absorption trench leaching bed constructed with Type II leaching chambers, located to the northeast of the developed area along with four (4) other leaching beds described below (Sewage Works #4, 5, 6 & 7), consisting of seven (7) runs of 15 metre long, 75 millimetre diameter perforated piping within Infiltrator Arc 24 Chambers (for a total distribution piping length of 106.6 metres), situated within seven (7) absorption trenches spaced 2.4 metres apart, centre to centre, with a trench bottom width of approximately 0.57 metres and a depth of approximately 0.6 metres below ground surface, backfilled with suitable material and covered by 150 millimetre thick topsoil;

### **Subsurface Sewage Disposal System #3**

$Q_{\max} = 4,500$  litres per day

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 4,500 litres per day to service Cottages #6, 7, 8 and 9 and the comfort station located within the central portion of the developed area, consisting of the following:

- one (1) proposed in-ground 9,000 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately east of Cottages #7 & 8, receiving raw sewage from Cottages #6, 7 and 8 by gravity and raw sewage from Cottage #9 and the comfort station via a lift station and forcemain, discharging to an effluent lift station as described below;
- one (1) proposed in-ground 3,600 litre effluent lift station located immediately east of the above septic tank, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to an absorption trench leaching bed described below via a 50 millimetre diameter forcemain;
- one (1) proposed in-ground absorption trench leaching bed constructed with Type II leaching chambers, located to the east of Cottage #7, consisting of seven (7) runs of 15 metre long, 75 millimetre diameter perforated piping within Infiltrator Arc 24 Chambers (for a total distribution piping length of 106.6 metres), situated within seven (7) absorption trenches spaced 2.4 metres apart, centre to centre, with a trench bottom width of approximately 0.57 metres and a depth of approximately 0.6 metres below ground surface, backfilled with suitable material and covered by 150 millimetre thick topsoil;

### **Subsurface Sewage Disposal System #4**

$Q_{\max} = 4,250$  litres per day

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 4,250 litres per day to service ten (10) trailer sites adjacent to the north end of the developed area, consisting of the following:

- one (1) proposed in-ground 9,000 litre capacity 2-compartment septic tank, located immediately north of

the above sites, receiving raw sewage from the sites by gravity and discharging to a septic tank as described below;

- one (1) proposed in-ground 4,500 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately north of the above septic tank, discharging to an effluent lift station as described below;
- one (1) proposed in-ground 3,600 litre effluent lift station located immediately north of the above septic tanks, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to an absorption trench leaching bed described below via 50 millimetre diameter forcemains;
- one (1) proposed in-ground absorption trench leaching bed constructed with Type II leaching chambers, located to the northeast of the developed area, consisting of seven (7) runs of 15 metre long, 75 millimetre diameter perforated piping within Infiltrator Arc 24 Chambers (for a total distribution piping length of 106.6 metres), situated within seven (7) absorption trenches spaced 2.4 metres apart, centre to centre, with a trench bottom width of approximately 0.57 metres and a depth of approximately 0.6 metres below ground surface, backfilled with suitable material and covered by 150 millimetre thick topsoil;

#### **Subsurface Sewage Disposal System #5**

**$Q_{max} = 4,250$  litres per day**

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 4,250 litres per day to service ten (10) trailer sites located to the east and northeast of Cottages #6-8, consisting of the following:

- one (1) proposed in-ground 9,000 litre capacity 2-compartment septic tank, located at the north end of the above connected sites, receiving raw sewage from the sites by gravity and discharging to a septic tank as described below;
- one (1) proposed in-ground 4,500 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately north of the above septic tank, discharging to an effluent lift station as described below;
- one (1) proposed in-ground 3,600 litre effluent lift station located immediately north of the above septic tanks, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to an absorption trench leaching bed described below via 50 millimetre diameter forcemains;
- one (1) proposed in-ground absorption trench leaching bed constructed with Type II leaching chambers, located to the northeast of the developed area, consisting of seven (7) runs of 15 metre long, 75 millimetre diameter perforated piping within Infiltrator Arc 24 Chambers (for a total distribution piping length of 106.6 metres), situated within seven (7) absorption trenches spaced 2.4 metres apart, centre to centre, with a trench bottom width of approximately 0.57 metres and a depth of approximately 0.6 metres below ground surface, backfilled with suitable material and covered by 150 millimetre thick

topsoil;

### **Subsurface Sewage Disposal System #6**

$Q_{\max} = 4,250$  litres per day

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 4,250 litres per day to service ten (10) trailer sites within the east central portion of the developed area, consisting of the following:

- one (1) proposed in-ground 9,000 litre capacity 2-compartment septic tank, located to the north of the above connected sites, receiving raw sewage from the sites by gravity and discharging to a septic tank as described below;
- one (1) proposed in-ground 4,500 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately north of the above septic tank, discharging to an effluent lift station as described below;
- one (1) proposed in-ground 3,600 litre effluent lift station located immediately north of the above septic tanks, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to an absorption trench leaching bed described below via 50 millimetre diameter forcemains;
- one (1) proposed in-ground absorption trench leaching bed constructed with Type II leaching chambers, located to the northeast of the developed area, consisting of seven (7) runs of 15 metre long, 75 millimetre diameter perforated piping within Infiltrator Arc 24 Chambers (for a total distribution piping length of 106.6 metres), situated within seven (7) absorption trenches spaced 2.4 metres apart, centre to centre, with a trench bottom width of approximately 0.57 metres and a depth of approximately 0.6 metres below ground surface, backfilled with suitable material and covered by 150 millimetre thick topsoil;

### **Subsurface Sewage Disposal System #7**

$Q_{\max} = 4,250$  litres per day

one (1) proposed subsurface sewage disposal system designed and operated at a Maximum Daily Flow of 4,250 litres per day to service ten (10) trailer sites at the east end of the developed area, consisting of the following:

- one (1) proposed in-ground 9,000 litre capacity 2-compartment septic tank, located at the north end of the above connected sites, receiving raw sewage from the sites by gravity and discharging to a septic tank as described below;
- one (1) proposed in-ground 4,500 litre capacity 2-compartment septic tank equipped with an OBC approved effluent filter, located immediately north of the above septic tank, discharging to an effluent lift station as described below;
- one (1) proposed in-ground 3,600 litre effluent lift station located immediately north of the above septic tanks, equipped with one (1) submersible effluent pump, floats and a high level alarm, discharging septic tank effluent to an absorption trench leaching bed described below via 50 millimetre diameter

forcemains;

- one (1) proposed in-ground absorption trench leaching bed constructed with Type II leaching chambers, located to the northeast of the developed area, consisting of seven (7) runs of 15 metre long, 75 millimetre diameter perforated piping within Infiltrator Arc 24 Chambers (for a total distribution piping length of 106.6 metres), situated within seven (7) absorption trenches spaced 2.4 metres apart, centre to centre, with a trench bottom width of approximately 0.57 metres and a depth of approximately 0.6 metres below ground surface, backfilled with suitable material and covered by 150 millimetre thick topsoil;

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

## EXISTING WORKS

- decommissioning of all Existing Works, including but not limited to, greywater leaching pits and cesspools in accordance with Condition 9;

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 [, *insert specific office* ];
5. "*E. coli* " refers to coliform bacteria that possess the enzyme beta-glucuronidase and are capable of cleaving a fluorogenic or chromogenic substrate with the corresponding release of a fluorogen or chromogen, that produces fluorescence under long wavelength (366 nm) UV light, or color development, respectively. Enumeration methods include tube, membrane filter, or multi-well procedures. Depending on the method selected, incubation temperatures include 35.5 + 0.5 °C or 44.5 + 0.2 °C (to enumerate thermotolerant species). Depending on the procedure used, data are reported as either colony forming units (CFU) per 100 mL (for membrane filtration methods) or as most probable number (MPN) per 100 mL (for tube or multi-well methods);
6. "EPA" means the *Environmental Protection Act* , R.S.O. 1990, c.E.19, as amended;
7. "Existing Works" means those portions of the Works included in the Approval that have been

constructed previously;

8. "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;
9. "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;
10. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
11. "OBC" means the Ontario Building Code, Ontario Regulation 332/12 (Building Code) as amended to January 1, 2015, made under the *Building Code Act*, 1992, S.O. 1992, c. 23;
12. "Owner" means Raymond E Duhaime and its successors and assignees;
13. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
14. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
15. "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. 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. 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.
4. 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. 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 ensure that the septic tanks are pumped out every 3-5 years or when the tanks are 1/3 full of solids and the effluent filters are 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 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. MONITORING AND RECORDING

1. The Owner shall, upon commencement of operation of the Works, carry out the following monitoring

program:

- a. 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 Groundwater Monitoring Table included in **Schedule B**.
  - b. 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**.
  - c. 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 Surface Water Monitoring Table included in **Schedule B**.
2. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal bed, including but not limited to water/wastewater flow meters, event counters, running time clocks, or electronically controlled dosing, and shall record the daily volume of effluent being discharged to the subsurface disposal bed.
  3. The Owner shall ensure that the flow of treated effluent discharged into the leaching bed in Subsurface Sewage Disposal System #1 does not exceed **5,900 litres per day**.
  4. The Owner shall ensure that the flow of treated effluent discharged into the leaching bed in Subsurface Sewage Disposal System #3 does not exceed **4,500 litres per day**.
  5. The Owner shall ensure that the flow of treated effluent discharged into the leaching bed in Subsurface Sewage Disposal Systems #2, 4, 5, 6 and 7 does not exceed **4,250 litres per day**.
  6. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
    - a. the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended from time to time by more recently published editions;
    - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended; and
    - c. the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition), as amended from time to time by more recently published editions.
  7. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

## 7. GROUNDWATER TRIGGER CONCENTRATION

1. The Owner shall operate and maintain the Works such that the concentration of the parameter named in Column 1 of the table included in **Schedule C** is not exceeded in the groundwater samples collected from the location set out in Column 2 of the table.
2. For the purpose of determining compliance with and enforcing subsection 1, the average concentration of the parameter named in Column 1 of the table included in **Schedule C** collected during the operating season in accordance with the Groundwater Monitoring Table included in **Schedule B** shall not exceed the corresponding trigger concentration value set out in Column 3 of the table included in **Schedule C**.
3. Within **one (1) week** of an exceedance of the trigger concentration set out in Column 3 of the table included in **Schedule C**, the Owner shall notify the District Manager of the results in writing and develop mitigation measures to deal with the exceedance in consultation with and per the timelines specified by the District Manager.

## 8. 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.
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 and submit a performance report, on an annual basis, within **ninety (90) days** following the end of each operational year 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 groundwater monitoring data in accordance with Chapter 22 (Section 22.5.19) of Ministry's Design Guidelines for Sewage Works by a qualified professional geoscientist or Licensed Engineering Practitioner with experience in hydrogeology, including but not limited to shallow groundwater flow direction, interpretation of analytical results and comparison with the compliance limit of 2.5 milligrams per litre for Nitrate-Nitrogen concentration for MW3 in accordance with the Reasonable Use Policy;
  - b. a summary and interpretation of surface water monitoring data in accordance with Chapter 22

(Section 22.5.19) of Ministry's Design Guidelines for Sewage Works;

- 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 septic tank effluent filters cleaning, records of septic tank pump-outs, records of visual inspections of all subsurface disposal systems, etc.;
- e. a summary and interpretation of all daily flow data and results achieved in not exceeding the maximum daily sewage flow discharged into each subsurface disposal system;
- f. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- g. a summary of all spill or abnormal discharge events;
- h. any other information the District Manager requires from time to time.

## **9. DECOMMISSIONING OF UN-USED WORKS**

1. The Owner shall properly abandon any portion of unused Existing Works, as directed below, and upon completion of decommissioning report in writing to the District Manager:
  - a. any sewage pipes leading from building structures to unused Works components shall be disconnected and capped;
  - b. any unused septic tanks, holding tanks and pump chambers shall be completely emptied of its content by a licensed hauler and either be removed, crushed and backfilled, or be filled with granular material;
  - c. if the area of the existing leaching bed is going to be used for the purposes of construction of a replacement bed or other structure, all distribution pipes and surrounding material must be removed by a licensed hauler and disposed off site at an approved waste disposal site; otherwise the existing leaching bed may be abandoned in place after disconnecting, if there are no other plans to use the area for other purposes.

## **10. RESTRICTION OF USE OF ON-SITE COTTAGES**

1. The Owner shall ensure that the cottages described in this Approval and serviced by the Works are used for recreational purposes only and are not used as primary residences.
2. The Owner shall immediately notify the District Manager in the event that any of the on-site cottages

becomes a primary residence.

*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 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.
7. Condition 7 regarding the groundwater trigger concentration is imposed to establish a specific groundwater quality trigger and to be used to develop and implement mitigation measures to deal with any exceedance of the trigger concentration for nitrate nitrogen in the groundwater.
8. Condition 8 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.
9. Condition 9 is included to ensure that any components of un-used Works are properly decommissioned.
10. Condition 10 is included to ensure that the on-site cottages are restricted to recreational purposes only.

## **Schedule A**

1. Environmental Compliance Approval Application for Municipal and Private Sewage Works submitted by Raymond E Duhaime, dated January 7, 2021 and received on September 27, 2022, including the design report, final plans, specifications and all other supporting documentation.
2. Drawing titled "Linamac Lodge & Trailer Site" (Drawing 1 of 8, Revision 1) dated December 2, 2021 and prepared by Canadian Shield Consultants Agency Inc., attached to the email correspondence dated March 20, 2023 from Jacob Proulx of Canadian Shield Consultants Agency Inc. to Scott Wei, P.Eng. of the Ministry.
3. Revised Supplementary Document - Application for Sewage Works, Linamac Lodge & Trailer Park, dated May 30, 2023 and prepared by Canadian Shield Consultants Agency Inc.
4. Revised Drawing titled "Linamac Lodge & Trailer Park" (1 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
5. Revised Drawing titled "Linamac Lodge & Trailer Park Sewage Works 1 & 3" (2 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
6. Revised Drawing titled "Linamac Lodge & Trailer Park Sewage Works 2" (3 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
7. Revised Drawing titled "Linamac Lodge & Trailer Park System 4, 5, 6, & 7" (4 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
8. Revised Drawing titled "Linamac Lodge & Trailer Park Leaching Beds" (5 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
9. Revised Drawing titled "Linamac Lodge & Trailer Park ECA Application Side Profiles" (6 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
10. Revised Drawing titled "Linamac Lodge & Trailer Park Side Profiles" (7 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
11. Revised Drawing titled "Linamac Lodge & Trailer Park Side Profiles" (8 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.
12. Revised Drawing titled "Linamac Lodge & Trailer Park Side Profiles" (9 of 9), dated May 25, 2023 and prepared by Canadian Shield Consultants Agency Inc.

## Schedule B

### Groundwater Monitoring Table

<b>Sampling Locations</b>	MW1, MW2, MW3, MW4 and MW5*
<b>Frequency</b>	Semi-annual (during spring and summer)
<b>Sample Type</b>	Grab
<b>Parameters</b>	Nitrate - Nitrogen; Nitrite - Nitrogen; Total Phosphorus; Total Ammonia Nitrogen; Sodium; and Chloride

**Note\*:** as illustrated in Item 2 of **Schedule A**.

### Surface Water Monitoring Table

<b>Sampling Location</b>	Louise Lake – adjacent to the portion of property extending lakefront and within 20 metres of the shoreline*
<b>Frequency</b>	Once at the start of the season (May), middle of the season (July) and end of the season (October)
<b>Sample Type</b>	Grab
<b>Parameters</b>	Total Ammonia Nitrogen; Nitrate - Nitrogen; Nitrite - Nitrogen; Total Phosphorus**; <i>E. Coli</i> ; Total Coliform; Heterotrophic Plate Count; pH***; and Temperature***

**Note\*:** as illustrated in Item 2 of **Schedule A**.

**Note\*\*:** the method detection limit (MDL) for testing Total Phosphorus shall be within the range of 2-5 micrograms per litre ( $\mu\text{g/L}$ ) or lower.

**Note\*\*\*:** pH and temperature of the water sample shall be determined in the field at the time of sampling for Total Ammonia Nitrogen.

**Schedule C**

**Groundwater Trigger Concentration**

<b>Parameter</b>	<b>Location</b>	<b>Concentration Trigger (milligrams per litre)</b>
Column 1	Column 2	Column 3
Nitrate Nitrogen	MW3*	2.5

**Note\*** as illustrated in Item 2 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](http://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 31st day of May, 2023



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

SW/

- c: Area Manager, MECP Sault Ste. Marie Area Office
- c: District Manager, MECP Sudbury District Office  
Gerry Dignard, Canadian Shield Consultants Agency Inc.