

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

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 0258-DDEJW6 Issue Date: July 4, 2025

Miller's Family Camp Limited 105,108,110 Miller Lake Shore Road

Municipality of Northern Bruce Peninsula, ON N0H 1Z0

Site Location: 105,108,110 Miller Lake Shore Road

Municipality of Northern Bruce Peninsula, ON N0H 1Z0

You have applied under section 20.2 of Part II.1 of the <u>Environmental Protection Act</u>, 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, serving the above site location, consisting of the following:

Details of Service Area: one-hundred and seven (107) sites/cottages consisting of seventy-five (75) fully serviced sites, nineteen (19) non-serviced sites, thirteen (13) rental cottages (one (1) 4- bedroom, five (5) 3 -bedroom, six (6) 2-bedroom, one (1) 1-bedroom)), one (1) office/residence, one (1) comfort station building, one (1) privy washroom, one (1) small washroom behind cottage #12;

Treatment Capacity: rated at a design Maximum Daily Flow of 37,700 litres per day;

PROPOSED WORKS

- Sewage Pump Tank (SPS03): one (1) 11,300 litres single compartment simplex pump station, c/w dual Liberty pumps model LE50 and two (2) 30" concrete access risers receiving sewage via gravity from the existing six (6) cottages + office / residence; sewage is pumped via a 50 millimetre diameter pipe from proposed sewage pump tank SPS03 to proposed septic tank SST23;
- Sewage Pump Tank (SPS04): one (1) 11,300 litres single compartment simplex pump station, c/w dual Liberty pumps model LE50 and two (2) 30" concrete access risers receiving sewage via gravity from the seven (7) existing cottages; sewage is pumped from proposed sewage pump tank SPS04 via a 50 millimetre diameter pipe to proposed septic tank SST23;
- Septic Tank (SST23): one (1) 45,900 litres tank c/w two (2) 30" concrete access risers and a effluent filter, receiving sewage effluent from existing septic tank SST24, proposed sewage pump tank SPS03, proposed sewage pump tank SPS04 and existing septic tanks SST06, SST07, SST08 and SST09; sewage effluent

flows by gravity via a 6" 150 millimetre diameter pipe from the proposed septic tank SST23 to a proposed effluent pump station EPS-1;

- Effluent Pump Station (EPS-1): one (1) 18,200 litres single compartment concrete station, c/w one (1) 762 millimetres concrete riser, two (2) 762 millimetres access lids and visual high-level alarm; the duplex effluent pumps (Liberty model or Equivalent Equipment) provide timed dosing to the existing main washroom subsurface disposal bed and proposed raised absorption trench subsurface disposal bed;
- Absorption Trench Subsurface Disposal Bed: one (1) raised absorption trench leaching bed with a total sewage capacity of 18,400 litres per day, consisting of two (2) pods (Pod No.1 and Pod No. 2), each pod consisting of two (2) cells, each cell consists of eight (8) runs of 75 millimetre diameter pipe, each 23 meters in length and centred at 1.6 metres apart, the distribution pipes are installed within a 300 millimetre thick layer of washed septic stones free of fines and gradation conforming to OBC specifications covered with non-woven geotextile fabric, the stone layer is overlain by a 300 millimetre thick layer of imported sand fill having a percolation time of between 6 minutes per centimetre and 8 minutes per centimetre and extending a minimum of 15.3 meters beyond the outermost distribution pipes in the direction of the subsurface effluent flow, configured with a minimum loading area of 3,068 square meters;

EXISTING WORKS

- North West Sewage System (West Cell): one (1) sewage system servicing thirty-one (31) trailer sites, consisting of three (3) septic tanks (two (2) with a capacity of 4,500 litres (SST01 and SST04) and one (1) with a capacity of 3,600 litres (SST05)) and one (1) fully raised conventional absorption trench leaching bed that consists of ten (10) 15 meters runs of 75 millimetre diameter pipes for a Maximum Daily Flow of 6,000 litres per day;
- North West Sewage System (East Cell): one (1) sewage system servicing eleven (11) trailer sites, consisting of one (1) septic tank (SST03) with a capacity of 4,500 litres and one (1) fully raised absorption trench leaching bed that consists of three (3) 15 meters runs of 100 millimetre pipes for a Maximum Daily Flow of 1,800 litres per day;
- Main Washroom Sewage System: one (1) sewage system servicing trailer sites, cottages, and comfort station building, consisting of one (1) fully raised conventional absorption trench leaching bed that consists of twenty-four (24) 12 meters runs of 100 millimetre diameter pipes for a Maximum Daily Flow of 11,500 litres per day, with sewage from the proposed effluent pump station discharging into this leaching bed;
- Workshop/ Shuffleboard Sewage System: one (1) sewage system, consisting of one (1) 3,600 litres septic tank and one (1) fully raised conventional leaching bed, that consists of five (5) 12 meters runs of 75 millimetre diameter pipes for a Maximum Daily Flow of 1,800 litres per day;
- Septic Tanks: ten (10) septic tanks servicing all proposed and existing leaching beds include the following units SST01 (4,500 litres), SST05 (3,600 litres), SST04 (4,500 litres), SST03 (4,500 litres), SST06 (3,600 litres), SST07 (3,600 litres), SST08 (3,600 litres), SST09 (3,600 litres), SST24 (18,200 litres), SST10 (3,600 litres);

• **Privy Sewage Holding Tank:** one (1) concrete holding tank servicing nineteen (19) campsites with a capacity of 4,500 litres, visually inspected by maintenance staff on a regular basis, emptied on a regular basis by a licensed sewage hauler and disposed of off-site at an approved facility;

TO BE DECOMMISSIONED

• Septic tanks: twelve (12) septic tanks (SST11 to SST22) servicing the thirteen (13) cottages;

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

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

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

- 1. "Approval" means this entire Environmental Compliance Approval and any Schedules attached to it;
- 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 appropriate local district office of the Ministry where the Works is geographically located;
- 5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
- 6. "Equivalent Equipment" means alternate piece(s) of equipment that meets the design requirements and performance specifications of the piece(s) of equipment to be substituted;
- 7. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
- 8. "Grab Sample" or "Grab" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;
- 9. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;
- 10. "Maximum Daily Flow" (also referred to as Peak Daily Flow Rate or Maximum Day Flow) means the largest volume of flow to be received during a one-day period for which the sewage treatment process unit or equipment is designed to handle;
- 11. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and

includes all officials, employees or other persons acting on its behalf;

- 12. "Normal Operating Condition" means the condition when all unit process(es) is operating within its design capacity;
- 13. "OBC" means the Ontario Building Code, Ontario Regulation 163/24 (Building Code) as amended to January 1, 2025, made under the *Building Code Act*, 1992, S.O. 1992, c. 23;
- 14. "Operating Agency" means the Owner, or the person or 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 His Majesty the King in Right of Ontario as Represented by the Minister of Environment, Conservation and Parks, including any successors and assignees;
- 16. "OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40;
- 17. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
- 18. "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.
- 4. The issuance of, and compliance with the conditions of this Approval does not:
 - a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the Works; or

b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. CHANGE OF OWNER AND OPERATING AGENCY

- 1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within **thirty (30) days** of the change occurring:
 - a. change of address of Owner;
 - b. change of Owner, including address of new Owner;
 - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act, R.S.O. 1990, c. B.17* shall be included in the notification:
 - d. change of name of the corporation and a copy of the most current information filed under the *Corporations Information Act, R.S.O. 1990, c. C.39* shall be included in the notification.
- 2. The Owner shall notify the District Manager, in writing, of any of the following changes within **thirty** (30) days of the change occurring:
 - a. change of address of the Operating Agency;
 - b. change of the Operating Agency, including address of the new Operating Agency.
- 3. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner in writing, of the existence of this Approval, and forward a copy of the notice to the District Manager.
- 4. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

3. CONSTRUCTION OF PROPOSED WORKS

- 1. All Proposed Works in this Approval shall be constructed and installed and must commence operation within **five (5) years** of issuance of this Approval, after which time the Approval ceases to apply in respect of any portions of the Works not in operation. In the event that the construction, installation and/or operation of any portion of the Proposed Works is anticipated to be delayed beyond the time period stipulated, the Owner shall submit to the Director an application to amend the Approval to extend this time period, at least six (6) months prior to the end of the period. The amendment application shall include the reason(s) for the delay and whether there is any design change(s).
- 2. Upon completion of construction of the Proposed Works, the Owner shall prepare and submit a written statement to the District Manager, certified by a Licensed Engineering Practitioner, that the Proposed

Works is constructed in accordance with this Approval.

- 3. **One (1) week** prior to the commencement of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start-up date.
- 4. The Owner shall ensure that the construction of the Proposed Works is supervised by a Licensed Engineering Practitioner.
- 5. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.
- 6. 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.
- 7. Within six (6) months of the Proposed 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.

4. OPERATION AND MAINTENANCE

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

5. 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 B** and record all results, as follows:
 - a. 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.
 - b. definitions and preparation requirements for each sample type are included in the document referenced in Paragraph 2.b.
 - c. definitions for frequency:
 - i. Semi-annually means once every six months;
 - ii. Quarterly mans once every three months.
- 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 Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended;
- b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
- c. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
- d. 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 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.
- 4. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

6. REPORTING

- 1. 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.
- 2. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
- 3. 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 flow data and results achieved in not exceeding the Maximum Daily Flow discharged into the subsurface disposal system;
 - b. a summary and interpretation of groundwater monitoring data including shallow groundwater flow direction, interpretation of analytical results and comparison with the trigger level of 1 mg/l for Total Phosphorous concentration, and if in the opinion of a qualified professional the monitoring data show non-compliance with the conditions of this certificate, the qualified professional shall submit

an abatement plan to resolve the issue;

- c. a review and assessment of the performance of the Works, including subsurface disposal bed;
- d. a record of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property including but not limited to: records of maintenance inspections for the treatment system, records of septic tank effluent filters cleaning, records of septic tank pump-outs, records of sludge pump-outs accumulated from the treatment system, records of visual inspections of all subsurface disposal systems;
- e. a summary of all operating issues encountered and corrective actions taken for all Works located at the property;
- 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 in the reporting period;
- h. a summary of any complaints received and any steps taken to address the complaints;
- i. a summary of all spill or abnormal discharge events;
- j. 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; and
- k. any other information the District Manager requires from time to time.

7. DECOMMISSIONING OF UN-USED SEPTIC SYSTEMS

- 1. The Owner shall properly abandon any portion of unused existing septic systems, 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 sewage system 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; and
 - c. if the area of the existing leaching bed is going to be used for the purposes of construction of a replacement bed or other structure, all distribution pipes and surrounding material must be removed by a licensed hauler and disposed off site at an approved waste disposal site; otherwise the existing leaching bed may be abandoned in place after disconnecting, if there are no other plans to use the area for other purposes.

The reasons for the imposition of these terms and conditions are as follows:

- 1. Condition 1 regarding general provisions is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted.
- 2. Condition 2 regarding change of Owner and Operating Agency is included to ensure that the Ministry records are kept accurate and current with respect to ownership and Operating Agency of the Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
- 3. Condition 3 regarding construction of Proposed Works/record drawings is included to ensure that the Works are constructed in a timely manner so that standards applicable at the time of Approval of the Works are still applicable at the time of construction to ensure the ongoing protection of the environment, and that prior to the commencement of construction of the portion of the Works that are approved in principle only, the Director will have the opportunity to review detailed design drawings, specifications and an engineer's report containing detailed design calculations for that portion of the Works, to determine capability to comply with the Ministry's requirements stipulated in the terms and conditions of the Approval, and also ensure that the Works are constructed in accordance with the Approval and that record drawings of the Works "as constructed" are updated and maintained for future references.
- 4. Condition 4 regarding 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, 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.
- 5. Condition 5 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 systems performance criteria.
- 6. Condition 6 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.
- 7. Condition 7 regarding decomissioning of un-used septic systems is included to ensure that any component's of un-used sewage systems are properly decommissioned.

Schedule A

- 1. Environmental Compliance Approval Application for a Municipal and Private Sewage Works submitted and signed by Lindsay de Malmanche (Owner of Miller's Family Camp Limited) on April 18, 2023 and received on August 31, 2023, and all supporting documentation and information.
- 2. Sewage System Assessment & Upgrade Design Report, dated May 2023, including calculations and engineering drawings, prepared by Gunnell Engineering Ltd.

Schedule B

Monitoring Plan

Table B-1

Sample Location	Monitoring Well #1
Minimum Frequency	Quarterly (for a minimum of 3 years)
Sample Type	Grab
Sample Parameters	Nitrate, Nitrite, Ammonia, Total Kjeldahl Nitrogen

Table B-2

Sample Location	Monitoring Well #2
Minimum Frequency	Quarterly (for a minimum of 3 years)
Sample Type	Grab
Sample Parameters	Nitrate, Nitrite, Ammonia, Total Kjeldahl Nitrogen, Total Phosphorous

Table B-3

Sample Location	Two (2) On-site Drinking Water Wells (Camp Well and Office/Residence Well)
Minimum Frequency	Semi-annual
Sample Type	Grab
Sample Parameters	Nitrate, Nitrite, Total Kjeldahl Nitrogen

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

The Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor Toronto, Ontario M7A 2J3 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 4th day of July, 2025



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

FH/

c: District Manager, MECP Owen Sound District Office Eric Gunnell, Gunnell Engineering Ltd.