

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 9064-AZEK62

Issue Date: June 25, 2018

Missinaibi Headwaters Incorporated  
Post Office Box, No. 788  
Chapleau, Ontario  
P0M 1K0

**Site Location:** Racine Lake Campground

Lot 9, Concession 3  
Unorganized Township of Racine, District of Sudbury  
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:*

replacement of the existing septic systems with one (1) seasonally operated Class 5 system and fifty nine (59) seasonally operated Class 2 systems, to accommodate short-term (i.e. 2 camping seasons) sewage servicing need of existing fifty seven (57) trailer sites, a fish cleaning hut, and a main office, at Racine Lake Campground at the above location, in the Unorganized Township of Racine, for the collection, transmission, treatment and disposal of sanitary sewage, consisting of the following,

**Proposed Works**

Fifty nine (59) Class 2 systems with a total combined Rated Capacity of 10,200 L/d, including, one (1) Class 2 system with a design capacity of 75 L/d servicing the fish cleaning hut, one (1) Class 2 system with a design capacity of 150 L/d for the main office to service a single sink and single shower, and fifty seven (57) Class 2 systems for fifty seven (57) trailer sites each with a design capacity of 175 L/d.

Each Class 2 system consists of the following,

- a 100 mm diameter PVC gravity feed line directly connected individual building or trailer site to a dedicated vault privy,
- a Greywater Pit, installed in ground, designed for a percolation time of 2 min/cm, is a single-compartment precast concrete open bottom circular drywell with multiple 50 mm perforations on side wall, surrounded by a minimum 600mm thick of 50mm crushed stone up to the pit depth, complete with a plastic riser and a water-proof lid, with the earth around the perimeter of the pit mounded to a height of at least

150mm above native ground level to prevent pit ponding.

one (1) above-ground Class 5 system with a Rated Capacity of 5,700 L/d for storage of Blackwater between pump-outs from the fifty seven (57) trailer sites without sanitary service connection, consisting of multiple above-ground Sewage Holding Tanks with a minimum combined holding capacity of 20,000 L. The tanks shall be equipped with visible and audible high level alarm(s), and a nearby dump pad to facilitate Blackwater being emptied from the camp trailers into the Sewage Holding Tanks.

decommissioning and removal

decommissioning and removal of the existing sewage systems from the site.

decommissioning and removal of the existing sanitary fixtures beyond those listed in the Proposed Works from service.

## **Previous Works**

All earth privies (outhouses) to remain on site.

and 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 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. "Black Water" means the mixture of urine, feces and flushing water along with anal cleansing water, originating from urinals and toilets;
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 Sudbury District Office and Sault Ste. Marie Area Office;
5. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;

6. "Grey Water" means a waterborne sewage (exclusive of any human body waste) originating from plumbing fixtures such as bath tubs, showers, hand basins, laundry tubs and kitchen sinks, other than urinals and toilets;
7. "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;
8. "MNR" means the Ministry of Natural Resources and Forestry;
9. "Owner" means Missinaibi Headwaters Incorporated who owns the sewage Works on the Racine Lake Campground (crown land) occupied pursuant to a Land Use Permit issued by the MNR under the Public Lands Act;
10. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
11. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
12. "Rated Capacity" means design daily sanitary sewage flow for which the Works are approved to handle;
13. "Substantial Completion" has the same meaning as "substantial performance" in the *Construction Lien Act*;
14. "Works" means the sewage works described in the Owner's application, and this Approval.

*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 conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Except as otherwise provided by these Conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, the application for approval of the works and the submitted supporting

documents and plans and specifications as listed in this Approval.

(3) Where there is a conflict between a provision of any submitted document referred to in this Approval and the Conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

(4) Where there is a conflict between the listed submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

(5) The requirements of this Approval are severable. If any requirement of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this Approval shall not be affected thereby.

## 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 by October 31, 2019.

## 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 Owner;

(b) change of address of the 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 to the District Manager;

(d) change of name of the corporation where the Owner is or at any time becomes a 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 to the District Manager;

(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 the MNR Land Use Permit, and a copy of such notice shall be forwarded to the District Manager and the Director.

#### 4. CONSTRUCTION

(1) The Owner shall ensure that the construction of the Works is supervised by a licensed installer, as defined in the *Ontario Building Code* or a Professional Engineer, as defined in the *Professional Engineers Act*.

(2) The Owner shall ensure that the Works are constructed such that minimum horizontal and vertical clearance distances as specified in the *Ontario Building Code* are satisfied.

(3) Upon construction of the Works, the Owner shall prepare a statement, certified by a Professional Engineer, that the Works are constructed in accordance with this Approval, and shall provide a copy of the written statement to the District Manager.

(4) The Owner shall prepare a complete set of "as constructed" drawings within one (1) year of Substantial Completion of the Works. The drawings must be retained at the site and kept current and shall be made available for inspection by Ministry staff.

#### 5. OPERATIONS, MAINTENANCE, AND RECORDING

(1) The Owner shall ensure that at all times, the Works and related equipment and appurtenances which are installed or used to achieve compliance with this Approval are properly operated and maintained.

(2) The Owner shall prepare an operations manual within six (6) months of the introduction of sewage to the Works, that includes, but not necessarily limited to, the following information:

(a) operating procedures for routine operation of all the Works;

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

(c) repair and maintenance programs, including the frequency of repair and maintenance for all the Works; copies of maintenance contracts for any routine inspections & pump-outs

should be included for all the tanks and treatment units;

(d) procedures for the inspection and calibration of monitoring equipment;

(e) a spill prevention control and countermeasures plan, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the District Manager; and

(f) procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.

(3) The Owner shall maintain the operations manual current and retain a copy at the location of 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 ensure that it maintains a valid Land Use Permit or other occupational authority from the MNR for the duration of the use and operation of the Works.

(5) The Owner shall ensure daily liquid level inspection of the Class 5 system and monthly visual inspection of all the Class 2 systems.

(6) The Owner shall ensure that in the event a break-out is observed from the subsurface Greywater Pit of any Class 2 system, the sewage discharge to the Greywater Pit is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within seven (7) days. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and safely collected and disposed of through a licensed waste hauler to an approved waste disposal site.

(7) 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.

(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. SPECIAL CONDITION

(1) This Approval is only in effect when there is a valid occupational authority for the subject land in place with the MNRF. This Approval is null and void if the occupational authority is not in place.

(2) The approval of the Proposed Works is valid until the expiry of the current land use permit issued to the Owner by the MNRF, which will be October 31, 2019, or the date the land use permit is cancelled / terminated by the MNRF, whichever comes first.

(3) In the event that the occupational authority is cancelled or terminated,

(a) the proposed Class 5 system shall be decommissioned and removed from the site.

(b) the proposed Class 2 systems shall be decommissioned, and may remain on site pending the outcome of the MNRF review of the occupational authority.

(4) Pending on the status of the occupational authority, the Owner shall, no less than three (3) months before October 31, 2019, submit to the Director an application for approval amendment should extension of the Works utilization period and / or modification to the Works be needed.

## 7. 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 *Environmental Protection Act*, the Owner shall, within ten (10) working days of the occurrence of any reportable spill as defined in Ontario Regulation 675/98, bypass or loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and schedule of implementation.

### **Schedule A**

1. Environmental Compliance Approval Application submitted by and signed by Ryan Bignucolo of Missinaibi Headwaters Incorporated, dated March 28, 2018, and all supporting documentation and information prepared by Calder Engineering Ltd. dated May 22 , 2018.

*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 the Owner opportunity to implement and utilize these temporary sewage works within the Ministry's approved period.
7. Condition 7 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.

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, S.O. 1993, c. 28 (Environmental Bill of Rights), the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring 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:*

The Secretary* Environmental Review Tribunal 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5	AND	The Environmental Commissioner 1075 Bay Street, Suite 605 Toronto, Ontario M5S 2B1	AND	The Director appointed for the purposes of Part II.1 of the Environmental Protection Act Ministry of the Environment and Climate Change 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5
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**\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or [www.ert.gov.on.ca](http://www.ert.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 [www.ebr.gov.on.ca](http://www.ebr.gov.on.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 25th day of June,  
2018

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

YD/  
c: Area Manager, MOECC Sault Ste. Marie  
c: District Manager, MOECC Sudbury

William Dainty, Calder Engineering Ltd.