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:

Two (2) proposed private on-site sewage Works: No.1 to service three Cabins (Nos. 1-3), Owner's Residence and Canteen, rated at a maximum capacity of 5,140 Litres per day (L/d) and proposed Works No.2 rated at a maximum capacity of 27,025 L/d for a proposed expansion from 26 to 79 trailer sites, and one (1) existing Works No.3 rated at a maximum capacity of 1,100 L/d to service Cabin No.4, all Works for treatment and subsurface disposal of domestic sewage generated from facilities located at the seasonally operated Bear Ridge Campground site in a total amount of 33,265 L/d, as described below;

PROPOSED WORKS

Proposed Sewage Works No.1 (3 Cabins, Owner's Residence, Canteen) \( Q = 5,140 \text{ L/d} \)

Sewage Works No.1 with a total maximum rated capacity of 5,140 Litres per day (L/d) to service three (3) existing Cabins No. 1-3, Owner's Residence and Canteen, as follows:

- Proposed Oil/Grease Interceptor

  - one (1), oil grease interceptor with capacity of 450 L (MacGregor or equivalent) installed on canteen drain pipe from the kitchen sink, and discharging via gravity to a septic tank as described below;
Proposed Septic Tank

- one (1), two-compartment, precast concrete septic tank with capacity of 9,277 Litres (L) equipped with the OBC approved effluent filter (Polylok PL-122 or equivalent) installed on the outlet from the septic tank, receiving sewage from above noted facilities, and discharging via gravity to a dosing tank as described below;

Proposed Dosing Tank

- one (1) two-compartment dosing tank (Model No. PS T 280 MDPE or equivalent) with a total capacity of 2,260 L, equipped with vent pipe, high level visual/audible alarm system, two (2) alternating effluent submersible pumps (Monarch Model No. WS500 HM or equivalent), discharging treated effluent to a leaching bed as described below;

Proposed Leaching Bed

- in-ground leaching bed to be placed 72 metres minimum from Wollaston Lake and 50 metres minimum from the creek as per a figure attached to e-mail dated February 17, 2017 from the Consultant as listed under Schedule A, installed in native soils with percolation time of $T = 10$ min/cm, constructed by means of absorption trenches (0.5 m wide x 0.6 m deep) with a total length of 300 m, consisting of ten (10) runs of 30 m long 100 mm dia distribution pipes installed within a minimum 300 mm layer of septic stone meeting requirements under the OBC, and located so that the bottom of any trench is not less than 900 mm above the high ground water table, rock or soil with a percolation time more than 50 minutes, and backfilled after the installation of the distribution piping with leaching bed fill, so as to ensure that after the leaching bed settles, the surface of the leaching bed will not form any depression.

Proposed Sewage Works No.2 (1 to 79 trailers) $Q = 27,025$ L/d

Sewage Works No.2 with a total maximum rated capacity of 27,025 L/d to service a total of 79 trailer sites as follows: 26 existing older trailers (sites no. 1-26) and 53 recently developed new trailers (sites no. 27 - 79) as follows:

Existing Pump Stations

- three (3) pump stations, each with capacity of 4,500 L, equipped with two (2) submersible grinder pumps (Tsurumi VANCS PU 1/2 hp or equivalent), each rated at approximately 114 L/min at 6.3 m TDH, collecting sewage from respective trailer sites areas (12 - 14 sites each), and discharging sewage via three (3) 50 mm dia each forcemains to a septic tank, as described below;
Proposed Septic Tank

- one (1), two-compartment, precast concrete septic tank with capacity of 27,300 L equipped with the OBC approved effluent filter (Polylok PL-525 or equivalent) installed on the outlet from the septic tank, receiving sewage from all 79 trailer sites via three (3) pump stations and gravity collection system from trailers 40 - 79, and discharging via gravity to a pump chamber #1 as described below;

Proposed Pump Chamber #1

- one (1) two-compartment pump chamber with a total capacity of 9,277 L, equipped with vent pipe, high level visual/audible alarm system, two (2) alternating effluent submersible pumps (Monarch Model No. WS100 HM or equivalent), discharging treated effluent to a downstream pump chamber #2 via a 50 mm dia forcemain approximately 45m long, as described below;

Proposed Pump Chamber #2

- one (1) two-compartment dosing chamber with a total capacity of 9,277 L, equipped with vent pipe, high level visual/audible alarm system, two (2) alternating effluent submersible pumps (Monarch Model No. WS100 HM or equivalent), discharging treated effluent to a constructed wetland treatment system via a 50 mm dia forcemain approximately 20 m long, as described below;

AQUA Wetland System (AWS)

- a subsurface vertical flow constructed wetland (AWS) consisting of four (4) rectangular cells having a total area of 416 sq.m. (104 sq.m. per each cell), where each cell has dimensions of 10.2 m x 10.2 m, having the first two cells to produce a tertiary treatment and two additional cells for a denitrification process, receiving partially treated septic tank effluent from the dosing chamber as described above, and discharging via pump to a dosing effluent pump chamber, as described below;

Proposed Dosing Pump Chamber

- one (1) two-compartment dosing pump chamber with a total capacity of 9,000 L, equipped with vent pipe, high level visual/audible alarm system, two (2) alternating effluent submersible pumps (Tsurumi VANCSPU 1/2 hp or equivalent), each pump rated at 114 L/min at 6.3 m TDH, operating on a timer controlled basis to dose treated effluent via a 50 mm dia forcemain, each pump dosing half of the bed at 890 L/dose within a 15 min for a maximum total discharge flow of 27,025 L/d, as described below;

Proposed Dispersal Bed System

- four (4) cells of raised dispersal beds (type A dispersal bed, OBC) with a total length of 75 mm
dia distribution piping of 292.64 m (73.16 m per cell), each cell consisting of four (4) runs at 18.29 m length; cells are installed on an absorption system comprised of a stone layer overlying an unsaturated imported sand layer as follows:

- the stone layer to be a minimum 200 mm thick, covering a minimum area of 571 m² (88 m length x 6.5 m width) and comprised of washed septic stone, free of fine material, with gradation conforming to the OBC Table 8.7.3.3., having a top of entire stone layer area completely covered with a permeable geo-textile fabric or untreated building paper, and placed to provide a minimum 600 mm separation from the bottom of stone layer to highest ground water table or bedrock or soil of percolation time >50 min/cm.

- the underlying sand layer to be a minimum 300 mm thick covering a minimum area of 1,351 m² (88 m x 20.7 m), have a percolation time of 6 to 10 min/cm and silt content of less than 8%, and shall extend at least 15 m beyond the outer distribution pipes in any direction which the effluent entering the soil will move horizontally;

**Proposed Groundwater Monitoring Wells (MW1, MW2 and MW3)**

- three (3) on-site monitoring wells (MW1, MW2 and MW3) to be constructed near to the proposed leaching bed for Works No.2: (i) MW1 and MW3 at 20 m from the downslope edge of the stone and (ii) MW2 located at a distance, but well before the property boundary at 150 m from the downslope edge of the stone for groundwater monitoring (as per Table 3) and compliance (as per Table 4).

**EXISTING WORKS**

**Existing Sewage Works No.3** (Cabin No.4) \( Q = 1,100 \text{ L/d} \)

Existing Sewage Works No.3, previously used for residence, to be used to service existing Cabin No.4 with a total maximum rated capacity of 1,100 Litres per day (L/d) as follows:

**Existing Septic Tank**

- one (1), two-compartment concrete septic tank with capacity of 3,636 L to receive sewage from Cabin No.4, and discharging via gravity into an existing leaching bed as described below;

**Existing Leaching Bed**

- in-ground conventional type leaching bed consisting of five (5) runs of 6 m long 100 mm dia distribution pipes with a total length of 30 m.

**Existing Sewage Works: Greywater Leaching Pits**

- All existing greywater leaching pits are to be decommissioned within five (5) years from the date of this Approval.
Existing Sewage Works: Vault Privies

- Any existing Vault Privies are to be decommissioned within five (5) years from the date of this Approval.

all in accordance with Supporting Documentation submitted to the Ministry as listed in the Schedule A in this Approval.

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

"Annual Average Concentration" means the arithmetic mean of the Monthly Average Concentrations of a contaminant in the effluent calculated for any particular calendar year;

"Approval" means this entire document and any schedules attached to it, and the application;

"BOD5" (also known as TBOD5) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;

"CBOD5" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

"Daily Concentration" means the concentration of a contaminant in the effluent discharged over any single day, as measured by a composite or grab sample, whichever is required;

"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;

"District Manager" means the District Manager of the Belleville office of the Ministry;

"E. Coli" refers to the thermally tolerant forms of Escherichia that can survive at 44.5 degrees Celsius;

"EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;

"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;

"Monthly Average Concentration" means the arithmetic mean of all Daily Concentrations of a contaminant in the effluent sampled or measured, or both, during a calendar month;

"Owner" means Jason Simon Morrison and Traci Elizabeth Morrison and its successors and assignees;

"OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended;

"Rated Capacity" means Maximum Daily Flow for which the Works are approved to handle;
"Substantial Completion" has the same meaning as "substantial performance" in the *Construction Lien Act*; and

"Works" means the sewage works described in the Owner's application, and this Approval, to the extent approved by 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, and the application for approval of the Works.

   (3) Where there is a conflict between a provision of any document in the schedule 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 documents in the schedule, the document bearing the most recent date shall prevail.

   (4) Where there is a conflict between the documents listed in the Schedule 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 Conditions of this Approval are severable. If any Condition of this Approval or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

2. **EXPIRY OF APPROVAL**

   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 thirty (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 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 or a Professional Engineer, as defined in the *Professional Engineers Act*.

(2) Upon construction of the works, the Owner shall prepare a statement, certified by a licensed installer or a Professional Engineer, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff and staff of the local municipality.

5. MONITORING AND RECORDING

The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:

(1) All samples and measurements taken for the purposes of this Approval are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

(2) For the purposes of this condition, the following definitions apply:

   (a) Spring and Fall means once in the start and one near the end of the park’s Operating Season, normally from May to October.

(3) Samples shall be collected at the following sampling points, at the frequency specified, by means of
the specified sample type and analyzed for each parameter listed and all results recorded:

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Sample Type</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD5</td>
<td>Grab</td>
<td>once in the middle of operating season</td>
</tr>
<tr>
<td>Total Suspended Solids (TSS)</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Total Kjeldahl Nitrogen (TKN)</td>
<td>Grab</td>
<td>as above</td>
</tr>
</tbody>
</table>

**Table 2 - Effluent Monitoring**  
(Works No.2 only - Cell 4)

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Sample Type</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBOD5</td>
<td>Grab</td>
<td>monthly during an operating season</td>
</tr>
<tr>
<td>Total Suspended Solids</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Total Ammonia Nitrogen</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Total Phosphorus</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>pH</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Temperature</td>
<td>Grab</td>
<td>as above</td>
</tr>
</tbody>
</table>

(4) Samples of groundwater shall be collected from the drinking well close to Sewage Works No.1 and three (3) on-site monitoring wells (MW1, MW2 and MW3) at the frequency specified, by means of the specified sample type and analyzed for each parameter listed and all results recorded:

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Sample Type</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBOD5</td>
<td>Grab</td>
<td>three times in operating season (Spring, Summer and Fall)</td>
</tr>
<tr>
<td>Total Ammonia Nitrogen</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Nitrates &amp; Nitrates</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Total Phosphorus</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Chloride</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>Total Coliforms</td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td><em>E. Coli</em></td>
<td>Grab</td>
<td>as above</td>
</tr>
<tr>
<td>pH</td>
<td>Grab</td>
<td>as above</td>
</tr>
</tbody>
</table>

(5) Prior to the startup of the Works, background groundwater quality must be established by collecting groundwater samples from three (3) monitoring wells (MW1, MW2 and MW3) and having them
analyzed for the parameters outlined in Table 3.

(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:

   (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" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions; 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 measure and record the daily volume of effluent being discharged from the Constructed Wetland System to subsurface disposal system (Works No.2).

(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 monitoring activities required by this Approval.

6. **EFFLUENT OBJECTIVES**

(1) The Owner shall use best efforts to operate the **Constructed Wetland Sewage Treatment System** (Works No.2) with the objective that the concentrations of the materials named below as parameters are not exceeded in the effluent as measured in the specified location:

<table>
<thead>
<tr>
<th>Effluent Parameter</th>
<th>Seasonal Average Concentration Objective (milligrams per litre unless otherwise indicated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBOD5</td>
<td>10.0</td>
</tr>
<tr>
<td>Total Suspended Solids</td>
<td>10.0</td>
</tr>
</tbody>
</table>

(2) For the purposes of subsection (1):

   (a) The seasonal average concentration of parameters named in Column 1 of subsection (1) derived from the monitoring data are to be compared with the corresponding concentration objectives set out in Column 2 of subsection (1).
7. TRIGGER CONCENTRATION

(1) The Owner shall immediately report to the District Manager any single exceedance of Trigger Concentration measured for Nitrate Nitrogen in groundwater monitoring well MW2. The Owner should develop a contingency plan to describe actions that will be taken if trigger levels are reached. Upgrading the Aqualand System should be described and further contingency action should be developed in the event that upgrades to the system are not successful.

<table>
<thead>
<tr>
<th>Table 4 - Trigger Concentration (Works No.2 only) (measured in MW2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Effluent Parameter</strong></td>
</tr>
<tr>
<td>Nitrate Nitrogen</td>
</tr>
</tbody>
</table>

(2) For the purposes of subsection (1):

   (a) Concentration of any single parameter named in Column 1 of subsection (1) derived from the monitoring data are to be compared with the corresponding trigger concentration set out in Column 2 of subsection (1).

8. EFFLUENT LIMITS

(1) The Owner shall design, construct, operate and maintain the Works such that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent from the Works:

<table>
<thead>
<tr>
<th>Table 5 - Effluent Limit (Works No.2 only) (measured on outlet from AWS)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Effluent Parameter</strong></td>
</tr>
<tr>
<td>Nitrate Nitrogen</td>
</tr>
</tbody>
</table>

(2) For the purposes of determining compliance with and enforcing subsection (1):

   (a) The seasonal average concentration of parameters named in Column 1 of subsection (1) shall not exceed the corresponding maximum concentration set out in Column 2 of subsection (1).

9. OPERATIONS AND MAINTENANCE

(1) 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 the Works;

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

(c) contingency plans and procedures for dealing with any abnormal situations and/or exceedances, and for notifying the District Manager;

(2) 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.

(3) The Owner shall prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology for AWS (Works No.2) and a complete set of "as constructed" drawings within one (1) year of Substantial Completion of the Works. The maintenance agreement and drawings must be retained at the site and kept current.

(4) The Owner shall ensure that the Works No.2 (AWS) are inspected annually by the treatment process/technology authorized personnel and maintained according to the manufacturer's recommendations.

(5) The Owner shall ensure that septic tanks are pumped out a minimum of once every three years or more often if required (sludge accumulation reaching one-third of the effective volume) and effluent filter cleaned out a minimum of once a year or more often if required.

(6) The Owner shall ensure that the area bed operation is visually observed on regular basis during the operating season for any break-outs. In the event a breakout is observed, the Owner shall ensure that sewage discharge to the bed is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within one (1) week. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site is not allowed to discharge to a surface water body or to the environment, and safely collected and disposed off - site through a licensed waste hauler at 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 subclauses, and shall keep the logbook at the site and make it available for inspection by the Ministry staff.

(8) The Owner shall employ for the overall operation of the Works a person who possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.

10. REPORTING

(1) One week prior to the start up of the operation of the Proposed Works, the Owner shall send the completion report of the monitoring wells to the District Manager for review and approval to start construction of the proposed Works.

(2) The Owner shall prepare, and submit to the District Manager, a performance report, on an annual basis, within ninety (90) days following the end of the period being reported upon. The first such report
shall cover the first annual period following the commencement of operation of the Works and subsequent reports shall be submitted to 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 all monitoring data and a comparison to the Effluent Limits (Condition 8) including an overview of the success and adequacy of the Works;

(b) a review and assessment of performance of sewage works, including treatment units and disposal beds;

(c) a description of any operating problems encountered and corrective actions taken at all sewage Works located at the property;

(d) a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property;

(e) a summary of any effluent quality assurance or control measures undertaken in the reporting period;

(f) a summary and description of efforts made and results achieved in meeting the Effluent Objectives of Condition 6;

(g) a summary and interpretation of all flow data and results achieved in not exceeding the maximum daily flow discharged into the subsurface disposal system;

(h) a summary and interpretation of groundwater monitoring data including shallow groundwater flow direction, interpretation of analytical results and assessment of compliance with Reasonable Use Guideline (B-7);

(i) a summary of any complaints received during the reporting period and any steps taken to address the complaints;

(j) a summary of all spill or abnormal discharge events;

(l) any other information the District Manager requires from time to time;

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 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.

6. Condition 6 is imposed to establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to strive towards on an ongoing basis. These objectives are to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.

7. Condition 7 is imposed to establish a trigger concentration of Nitrate Nitrogen at 3.0 mg/l measured in monitoring well MW2 to ensure that the nitrate concentration in groundwater at the property boundary is less than the Reasonable Use Limit (2.5 mg/l).

8. Condition 8 is imposed to ensure that the effluent discharged from the Works to the subsurface meets the Ministry's effluent quality requirements thus minimizing environmental impact on the receiver to protect water quality, fish and other aquatic life in the receiving water body.

9. Condition 9 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected. As well, the inclusion of an operations manual, maintenance agreement with the manufacturer for the treatment process/technology and a complete set of "as constructed" drawings governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the owner and made available to the Ministry. Such a information is an integral part of the operation of the Works. Its compilation and use should assist the Owner in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for Ministry staff when reviewing the Owner's operation of the work.

10. Condition 10 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 Approval of Sewage Works dated March 17, 2015, and received on March 27, 2015, including design brief dated March 20, 2015, and Scoped Environmental Impact Statement, submitted by Patrick Whissell, P.Eng. of Canadian Shield Consultants Inc.

2. Revised Design Brief and Drawings submitted via e-mail on August 19, 2016 by Patrick Whissell, P.Eng. of Canadian Shield Consultants Inc. for technical modifications to the original design (replacement of Waterloo Biofilter with Constructed Wetland System).

3. E-mail dated February 17, 2017 with attachment from Andrew Hellebust, P.Eng. of the Canadian Shields Consultants Agency Inc. to Laurel Rudd, Surface Water Scientists of the Ministry, and all other technical documentation and correspondence submitted in support of this ECA application.
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:

1. 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;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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

* 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

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, 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 8th day of March, 2017

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

BM/
c: Area Manager, MOECC Belleville
c: District Manager, MOECC Kingston - District
    Andrew Hellebust, P.Eng., Canadian Shield Consults Agency Inc., St-Charles