

## ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5328-BFES7W  
Issue Date: February 25, 2020

Canadian Shield Consultants Agency Inc.  
21 King Street West  
St. Charles, Ontario  
P0M 2W0

Site Location: Mobile Sewage Facilities  
Various sites in the Geographic Districts of Sudbury,  
Timmins, Algoma, Kenora, Sault Ste. Marie and Thunder  
Bay

*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:*

up to sixty (60) mobile sewage treatment Works to be established for the collection, transmission, treatment, and disposal of domestic sewage on a temporary basis to service various sites in the Geographic Districts listed above, with the mobile Works having a Rated Capacity of no more than 20,000 litres per day, each consisting of the following;

- one (1) or more sewage septic tank(s) with a minimum capacity of 30,000 litres, equipped with access risers extending to grade, an OBC approved effluent filter on the outlet pipe, discharging to the equalization tank described below;
- one (1) or more equalization tank(s) with a minimum capacity of 9,000 litres, equipped with two (2) pumps, both duty, dosing the Ecoflo biofilter described below at approximately 0.22 litres per second per square meter of filtration surface;
- one (1) or more Ecoflo biofilter treatment unit(s) consisting of an effective area of approximately 28.6 square meters, dispersing the effluent from the equalization tank atop the filtering media at a maximum loading rate of 700 litres per square meter per day;
- one (1) or more UV unit(s), Hallet-13, with a treatment capacity of 36,000 litres per day, discharging to a Swamp, Bog, or Fen; and all other controls, electrical equipment; and
- instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage Works.

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

"Approval" means this entire document and the Schedules A, B and C attached to it, and the application;

"Black Water" means the mixture of urine, feces and flushing water along with anal cleansing water, originating from urinals and toilets;

"BOD<sub>5</sub>" (also known as TBOD<sub>5</sub>) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;

"Bog" means a peat-filled depression that receive water and nutrients from rainfall, is low in mineral nutrients, tends to be strongly acidic and typically covered with a carpet of Sphagnum mosses. Other vegetation includes stunted black spruce trees, heath plants such as laurels and blueberries, and carnivorous plants such as sundews and pitcher plants;

"CBOD<sub>5</sub>" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

"Client" means the client of Canadian Shield Consultants Agency Inc.;

"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 appropriate Ministry's local district offices depending upon the location of each Site where the mobile sewage Works are deployed;

"*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  $35.5 \pm 0.5$  °C or  $44.5 \pm 0.2$  °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); "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;

"Fens" like bogs mean peatlands – that is, wetlands that accumulate peat. They are located in areas where groundwater discharges to the surface. Fens typically have more nutrients than bogs, and the water is less acidic. Typical fen vegetation includes sedges and mosses, along with some grasses, reeds, low shrubs, tamarack and white cedar, sundews, pitcher plants and orchids. While fairly rare in southern

Ontario, fens are quite common in northern Ontario;

"Geometric Mean Density" is the nth root of the product of multiplication of the results of n number of samples over the period specified;

"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;

"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;

"Operator" means the technician who is trained by the manufacturer for any of the day to day operation, maintenance, monitoring, recording and / or reporting related to the Works;

"Owner" means Canadian Shield Consultants Agency Inc. and includes its successors and assignees;

"Rated Capacity" means the total daily design sanitary sewage flow which each mobile sewage Works is approved to handle;

"Site" means specific location where the mobile sewage Works is to be deployed;

"Swamp" means a wooded wetland often flooded for a portion of the year, dominated by trees, including both coniferous and/or deciduous species, and tall shrubs, such as willows, dogwood and alder;

"Wetland" means land seasonally or permanently covered by shallow water, as well as land where the water table is close to or at the surface. Abundant water in the wetlands leads to the formation of hydric soils and favours the dominance of either hydrophytic plants or water tolerant plants. Bogs, swamps, marshes and fens are the four major types of wetlands;

"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, and the application for approval of the Works.
3. Where there is a conflict between a provision of any document in Schedule A 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 Schedule A, 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.
6. 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 sewage 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

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; and
  - 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, 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. AREA OF OPERATION AND DURATION

1. The Owner may operate the mobile sewage Works for the purposes of temporarily treating sanitary domestic-type sewage (grey and black-water), at Sites anywhere within the Geographic Districts of Sudbury, Timmins, Algoma, Kenora, Sault Ste. Marie and Thunder Bay.
2. The Owner shall ensure that the mobile sewage Works are not deployed at a Site for more than **one (1) year**. Pursuant to site specific considerations, the District Manager may provide an extension in writing for a maximum of **one (1) additional year** for continuation of operations of the Works at the Site;
3. The Owner shall notify the Client in writing that continuation of operation of the Works beyond the **one (1) year** time frame or the **one (1) additional year** extension (if granted in writing by the District Manager) would require Client to submit an application in advance to the Director for an Environmental Compliance Approval, complete with all required supporting information and appropriate application fee. The Owner shall provide a copy of this notification to the District Manager along with a letter outlining the proposed course of action to be pursued with respect to continued operation of the Works at the Site or their removal from the Site.
4. Once confirmed in writing to the District Manager that the Client has assumed the ownership of the Works at the Site, the Owner may replace the unit to maintain their inventory at sixty (60) mobile sewage treatment Works.

#### **4. OPERATION AND MAINTENANCE**

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 (including provision of a continuous power supply) and maintained in accordance with the manufacturer's specifications.
2. The Owner shall prepare an operations manual prior to the commencement of operation of the Works, that includes, but is 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;
  - c. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
  - d. contingency plans and procedures for dealing with potential spill, bypasses and any other abnormal situations and for notifying the District Manager; and
  - e. complaint procedures for receiving and responding to public complaints.
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 and maintenance records called for in b above and Condition 7 available to Ministry staff.
4. The Owner shall ensure that at all times, there is an Operator onsite in order to achieve compliance with this Approval, and evidentiary records of training are kept for inspection by the Ministry staff.
5. If the Client takes on any of the operation, maintenance, monitoring, recording and / or reporting requirements related to the Works, this arrangement shall be outlined in a written agreement between the Owner and the Client, and the District Manager informed as required under Condition 7(2).
6. The Owner shall use the Works approved in this Approval to treat grey-water and black-water only and shall not exceed the maximum allowable final effluent discharge volume specified in Condition 5(3). No other types of wastewater or any stormwater can be treated within the Works.
7. The Owner shall ensure that any oil/grease interceptors are inspected and maintained on a regular basis as required, and grease is disposed off site by a licensed hauler.
8. The collected excess sludge shall be hauled off-site and disposed of at an approved facility using

the services of a licensed hauler.

9. The Owner shall ensure that adequate inventory of spares and other replaceable parts are always kept at the Site for proper and uninterrupted operation of the Works.

## **5. EFFLUENT DISCHARGE REQUIREMENTS**

1. The Approval grants the discharge of final effluent to a Bog or a Swamp or a Fen, all types of Wetland as defined in this Approval or a location deemed suitable by the District Manager in the jurisdiction where the sewage works is being deployed.
2. A minimum **300 m** setback distance shall be maintained between the discharge point and surface water features such as streams, rivers or lakes.
3. The daily volume of flow discharged from the Works shall not exceed the lesser of **20,000 L/day or the rated capacity of the installed works**. If operating two units per site, the works shall be operated in parallel with all sewage collected in a balancing tank and distributed equally between the two treatment trains.
4. The Owner shall obtain written permission from the District Manager for daily flows larger than **20,000 L/day** prior to discharge to the allowed receivers (Swamp, Bog or Fen). The District Manager may request additional site specific receiver assessment to allow the higher flow and negotiate with the owner to adjust proposed discharge location or limits concentrations listed in **Schedule B**.
5. Upon receipt of the notification required by condition 7 of this approval, the District Manager may require in writing that a separate site specific Environmental Compliance Approval is required for flows in excess of **20,000 L/day** and may require that it be applied for.
6. The Owner shall design, operate and maintain the Works such that the concentrations of the materials listed in **Schedule B** as effluent parameters are not exceeded in the effluent from the Works.
7. For the purposes of determining compliance with and enforcing Schedule B:
  - a. the Monthly Average Concentration of a parameter named in Column 1 of the Effluent Limits Table listed in **Schedule B** shall not exceed the corresponding maximum concentration set out in Column 2 of the Effluent Limits Table listed in **Schedule B**;
  - b. the pH of the effluent shall be maintained within the limits outlined in the Effluent Limits Table listed in **Schedule B**, at all times; and
  - c. the Works shall be operated and maintained such that the effluent is continuously disinfected so that the monthly Geometric Mean Density of E. Coli does not exceed 200

organisms per 100 millilitres of effluent discharged from the Works.

8. Discharge to a receiver other than a Swamp, Bog, Fen, or a location deemed suitable by the District Manager, such as a stream, river or a lake, is not allowed under this Approval. Discharges to such receivers would require fulfilment of requirements for a separate site-specific Environmental Compliance Approval including but not necessarily limited to detailed receiver assessment and consultation.

## **6. MONITORING AND RECORDING**

1. The Owner shall collect samples at the sampling point(s) named in **Schedule B**, in accordance with the measurement frequency and sample type specified for each parameter named in **Schedule B**, unless otherwise required in writing by this Approval or by the District Manager.
2. For the purposes of this condition, **Bi-weekly means once every two weeks**.
3. 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 Raw Sewage Monitoring Table included in **Schedule B**.
4. 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 Effluent Monitoring Table included in **Schedule B**.
5. 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" (23rd edition), as amended from time to time by more recently published editions.
6. The Owner shall measure and record the **daily volume of flow** discharged from the Works.



7. For each mobile sewage Works deployed at a Site, the individual / entity with responsibility for operation, maintenance, monitoring, recording and / or reporting related to the Works (whether associated with the Owner or the Client) shall maintain a log book to record:
  - a. all analytical and monitoring information;
  - b. a tabulation and description of any operating problems encountered and corrective actions taken; and
  - c. a summary of any maintenance carried out on any equipment.
8. Upon request, the Owner shall make the manual and maintenance records called for in b above and Condition 7 available to Ministry staff.
9. Following a review of any of the analytical results required by this Condition or any of the reports required by Condition 7, the District Manager may alter the sampling parameters, frequency and or location if he/she considers it necessary for the proper assessment of the impact the effluent has on the receiver or if he/she is requested to do so by the Owner and considers it acceptable by the evidence of information submitted in support of the request.

## **7. DISTRICT MANAGER NOTIFICATION REQUIREMENTS**

1. At-least **ninety (90) business days** prior to the deployment of the mobile sewage Works at a Site, the Owner shall provide written notification to the District Manager.
2. The notification per subsection (1) shall at minimum include the following information:
  - a. identification of the Environmental Compliance Approval Number under which the Works are to be operated as well as general information regarding the Site where the Works are to be deployed including the name of the Client, Site use and location, and identification of the Ministry District Office with responsibility for the Site;
  - b. a detailed project description related to the Site, prepared by the Client, providing GPS co-ordinates for the Site and the receiver, a location description, a mining claim number if applicable, outline of the activities taking place at the Site, and identification of any permits/approvals that have been issued previously;
  - c. a scaled site-plan, indicating the intended location of the Works relative to the on-site structures, property lines within 500 m, drainage ditches, wells, surface watercourses/features and discharge location of the Works;
  - d. technical information about the mobile sewage Works including population served, total daily design sanitary sewage flow, and system components (including septic tank size(s), Ecoflo Biofilter type(s), UV disinfection unit information and number of sewage treatment units to be deployed to service the Site and identification of power source to

operate the Works;

- e. expected date of deployment at the Site and expected duration of use at the Site;
  - f. identification of the Operator (whether associated with the Owner or the Client), including an outline of the training provided or to be provided;
  - g. description of the receiver of the final effluent including but not limited to:
  - h. an explanation of determination of whether the receiver is a Swamp, Bog, or Fen as defined in this Approval;
    - i. a cloud and snow free aerial image of the discharge location at 1:20,000 scale, if applicable; and
    - ii. a receiver capacity assessment, if applicable.
  - i. a request to the District Manager to provide the Owner with a list of Aboriginal communities to be notified of the deployment;
  - j. a request to initiate further consultation with District Manager if the daily volume of final effluent discharged from the Works is higher than allowable volume of 20,000 L/day as specified in Condition 5(2); and
  - k. the proposed course of action to be pursued with respect to continued operation of the Works at the Site or their removal from the Site, and a copy of the notification given to the Client by the Owner as specified in Condition 3.
3. At-least **ten (10) business days** prior to the deployment of the mobile sewage Works at a Site, the Owner shall provide a written summary report on the results of the Aboriginal consultation, as referenced in condition 8. The summary shall include:
- a. aboriginal communities involved;
  - b. meeting locations and dates as applicable;
  - c. brief summary of the meetings; and
  - d. any questions, comments and concerns raised and how they were addressed.
4. At least **thirty (30) business days** prior to the removal of the Works from the Site, the Owner shall provide a written notification to the District Manager of the expected date the Works will be removed from the Site.

## 8. ABORIGINAL CONSULTATION REQUIREMENTS

1. At least **sixty (60) business days** prior to the deployment of the mobile sewage Works at a Site, the Owner shall provide written notification of the deployment to the list of Aboriginal communities provided by the District Manager. The District Manager shall be copied on each of these notifications.
2. The notification per subsection (1) shall be made using the form letter provided as **Schedule C** to this Approval.
3. Within **one (1) week** of being informed, the Owner shall contact the District Manager if any of the identified communities indicates to the Owner in response to the notification that the work being undertaken will negatively impact Aboriginal or treaty rights.
4. If an Aboriginal community raises any concerns related to the deployment of the mobile sewage Works at a Site, the Owner shall consider and respond to the concerns of the Aboriginal community, and address them to the satisfaction of the Ministry, prior to the deployment of the Works.
5. During the period of the deployment of the mobile sewage Works at a Site, the Owner shall:
  - a. create and maintain written records of all communications with Aboriginal communities; and
  - b. make the written records available for review by the Ministry upon request.
6. The Aboriginal communities identified for notification must be re-notified, including allowing appropriate time for response and conducting the required follow up, if a request is made to extend the period of operation of the Works from **one (1) years** to **two (2) years** as per condition 3(3) of this Approval.
7. At least **thirty (30) business days** before the removal of the Works from the Site, the Owner shall notify the Aboriginal communities of the expected date that the Works will be removed from the Site and provide the ministry with a copy of the notification.

## 9. REPORTING

1. The Owner or the Operator shall submit a copy of the analytical results, annual averages, and flow volume records, collected pursuant to Condition 6, to the District Manager on a **monthly basis**, in an electronic format if the ministry makes a system available, for the first 3 months of operation and quarterly thereafter for periods starting in January, April, June, September, within **thirty (30) days** of the end of the month or quarter. The District Manager can specify any other frequency.
2. The Owner or the Operator shall report to the District Manager, any exceedence of any

parameter specified in Condition 5 orally, as soon as reasonably possible, and in writing within **seven (7) days** of the exceedence.

3. Upon completion of sewage treatment operations at a Site, the Owner shall notify the District Manager in writing, no later than **thirty (30) days** following the end of sewage treatment operations at a Site.
4. The Owner shall prepare and submit electronically in a format acceptable to the Ministry a performance report on an annual basis for all systems in operation to each District Manager(s) of the District Offices, depending upon the location of the Site(s) where the Works were deployed, that provides a summary of each mobile Works operated during the past calendar year. This report shall be submitted within **ninety (90) days** following the end of the calendar year, and shall include but not necessarily be limited to the following information for each site:
  - a. identification of the MECP District Office and the Environmental Compliance Approval (ECA) Number under which the Works operated;
  - b. identification of the Client, Site (Site use, location etc.), Population served and size of the Works (i.e. total daily design sewage flow rate);
  - c. system components including Septic Tank size, Ecoflo Model, UV system Description, number of units in service at the Site;
  - d. date of installation;
  - e. planned or, if completed, actual closure date and procedures to remove system, waste and, any necessary clean up;
  - f. identification of the Operator of the Works;
  - g. a summary and comprehensive interpretation of all monitoring data and analytical data collected relative to the Works during the reporting period and a comparison to the effluent quality criteria described in this Approval; and
  - h. a description of any operating problems encountered and corrective actions taken during the reporting period.

### **Schedule A**

1. Application for Environmental Compliance Approval submitted by Gerry Dignard of Canadian Shield Consultants Agency Inc. received on May 13, 2019 for the mobile sewage facilities, including design report, final plans, specifications and all supporting documentation.

## Schedule B

### Effluent Limits Table

(measured at the final outlet of the Works if discharging to a Swamp or a Bog or a Fen)

Effluent Parameter	Maximum Concentration (milligrams per litre unless otherwise indicated)
Column 1	Column 2
CBOD <sub>5</sub>	25.0
Total Suspended Solids	25.0
E.Coli	200 organisms per 100 millilitres (Monthly Geometric Mean Density)
pH of the effluent maintained between 6.5 to 9.5, inclusive, at all times.	

### Raw Sewage Monitoring Table

<b>Sampling Point</b>	At the inlet of the Works or balancing tank
<b>Frequency</b>	Bi-weekly
<b>Sample Type</b>	Grab
<b>Parameters</b>	BOD <sub>5</sub> , Total Suspended Solids, Total Phosphorus, Total Kjeldahl Nitrogen, pH and Temperature

### Effluent Monitoring Table

<b>Sampling Point</b>	At the final outlet of the Works, prior to discharging into a Swamp or a Bog or a Fen
<b>Frequency</b>	Bi-weekly
<b>Sample Type</b>	Grab
<b>Parameters</b>	CBOD <sub>5</sub> , Total Suspended Solids, Total Phosphorus, Total Ammonia Nitrogen, E. Coli, pH and Temperature

## Schedule C

### Template Notice to Communities Identified for an Aboriginal Interest in a Project

(MMMM,DD,YYYY)

(SALUTATION) (GIVEN NAME) (SURNAME)

(TITLE)

(RECIPIENT'S FULL ADDRESS)

Dear Chief/Sir/Madam:

#### **RE: Notification of deployment of Mobile Sewage Works**

Canadian Shield Consultants Agency Inc. (Canadian Shield) has received approval from the Ontario Ministry of the Environment to establish sewage Works at multiple sites within the Districts of Sudbury, Timmins, Algoma, Kenora, Sault Ste. Marie and Thunder Bay. The authorization is provided in Environmental Compliance Approval Number XXXX-XXXXXX which is attached for your reference.

This letter is to notify you that we plan to install <insert number of sewage Works (units)> at <insert Site location> on <specify anticipated date of installation> for <insert duration>.

Canadian Shield owns the sewage Works authorized by this Approval, and provides sewage services to work/camp sites being operated as part of larger projects initiated by others. The Works are being installed at a Site operated by <insert name of the owner of the Site where the Works will be deployed>. <Insert Site contact name> can be reached at <insert Site contact information> if you would like more information about the land use/type of work associated with the Site.

It has been determined that there is minimal potential for the operation of these sewage Works to negatively impact human health and the environment since they will be restricted in size, be operated for a limited period of time, and will discharge to a wetland which will provide further treatment. Your community should be aware of the details of the sewage Works provided below:

<The following information should be provided at a minimum>:

- name of the Client (owner of the Site);
- land use/type of work associated with the Site;
- location information including the identification of the Ministry District Office with responsibility for the Site;
- technical information about the mobile sewage Works including population served, total daily design

sanitary sewage flow, and system components (including septic tank size(s), Ecoflo Biofilter model type(s), UV disinfection unit information and number of sewage treatment units to be deployed to service the Site and identification of power source to operate the Work;

-a scaled site-plan, indicating the intended location of the Works relative to the on-site structures, property lines within 500 m, drainage ditches, wells, surface watercourses and discharge location of the Works;

-expected date of deployment at the Site, expected duration of use at the Site, and identification of the individual / entity with responsibility for the operation, maintenance, monitoring, recording and/or reporting of the Works including an outline of the training provided or to be provided;

-identification of the receiver of the final effluent including an explanation of determination of whether the receiver is a Bog or a Swamp or a Fen as defined in this Approval.>

Please contact <insert Canadian Shield contact and applicable contact information> by <specify response date which must be a minimum of two weeks after receipt of the letter> if you have any questions or require additional information.

Sincerely,

<XXXXXXXX>

cc: <District Manager>



*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.
2. Condition 2 is included to ensure that the Ministry records are kept accurate and current with respect to 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.
3. Condition 3 is included to ensure that the Works are only operated under the specified conditions and in specified areas.
4. Condition 4 is included to ensure that the Works will be operated, maintained, funded, staffed and equipped in a manner enabling compliance with the terms and conditions of this Approval, such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.
5. Condition 5 is imposed to ensure that the effluent discharged from the Works meets the Ministry's effluent quality requirements as specified on a continual basis thus minimizing environmental impact to the receiver.
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 do not cause any impairment to the receiving watercourse.
7. Condition 7 is included to ensure that the Ministry is notified when and where the mobile treatment units shall be deployed to ensure that their operation does not lead to impairment of the local environment.
8. Condition 8 is included to ensure that identified Aboriginal communities are notified when and where the mobile treatment Works shall be deployed to ensure consideration of their interest.
9. Condition 9 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. The Condition also ensures that the Ministry is updated, on a regular basis, on the operations of the mobile treatment Works approved under 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, 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 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 Minister of the Environment,  
Conservation and Parks  
777 Bay Street, 5th Floor  
Toronto, Ontario  
M7A 2J3

AND

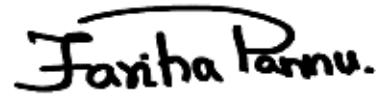
The Director appointed for the purposes of  
Part II.1 of the Environmental Protection Act  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the 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 <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 25th day of February, 2020



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Fariha Pannu, P.Eng.

Director

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

SF/

c: District Manager, MECP Sudbury District Office  
District Manager, MECP Timmins District Office  
District Manager, MECP Thunder Bay District Office  
Area Supervisor, Kenora Area Office  
Area Supervisor, Sault Ste. Marie Area Office  
Gerry Dignard, Canadian Shield Consultants Agency Inc.