

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 2059-CG9HVL
Issue Date: August 3, 2022

1670747 Ontario Inc.
20 Hewitson St
Thunder Bay, ON P7B 5Z1

Site Location: 1500 Main St
Municipality of Greenstone (Geraldton) , ON P0T 1M0

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

the establishment of stormwater management Works servicing the fuel handling area of a Cardlock Facility located at the above site address, to provide effluent treatment for all storm events up to and including the 10-year storm event, discharging to an on-site landscaped area, consisting of the following proposed Works:

- **oil and water separator (catchment area 0.022 hectares):** one (1) oil and water separator (OWS), ZCL Composites Inc. Model Z-380 (or Equivalent Equipment), located at the north-western site limit, having an oil storage capacity of 490 litres, a total holding capacity of 2,700 litres, an estimated treatment flow rate of approximately 380 litres per minute, receiving surface runoff from the cardlock facility fuelling area via private on-site storm sewer system, discharging to a rip-rap lined landscaped area at the rear of the site via private stormwater pumping station located downstream of the OWS;

including erosion/sedimentation control measures during construction and all other controls 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. "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;
3. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Works is geographically located;

4. "EPA" means the *Environmental Protection Act* , R.S.O. 1990, c.E.19;
5. "Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;
6. "Final Effluent" means effluent that is discharged to the environment through the approved effluent disposal facilities;
7. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the PEA;
8. "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;
9. "Owner" means 1670747 Ontario Inc., and includes any successors and assignees;
10. "OWRA" means the *Ontario Water Resources Act* , R.S.O. 1990, c. O.40;
11. "PEA" means *Professional Engineers Act*, R.S.O. 1990, c. P.28;
12. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
13. "Works" means the approved sewage works, and includes Proposed 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. EXPIRY OF APPROVAL

1. 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 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. In the event of any change in ownership of the Works, other than a change in ownership to the municipality, i.e. assumption of the Works, the Owner shall notify the succeeding owner in writing of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.
3. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

4. CONSTRUCTION

1. Upon construction of the Works, the Owner shall prepare a statement, certified by a Licensed Engineering Practitioner, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.

2. Within six (6) months of the construction of the Works, a set of as-built drawings showing the Works "as constructed" shall be prepared. These drawings shall be kept up to date through revision undertaken from time to time and a copy shall be retained for the operational life of the Works.

5. EFFLUENT OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Works in accordance with the following objectives:
 - a. Final Effluent parameters design objectives listed in the table(s) included in Schedule B.
 - b. Final Effluent is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film or sheen or foam or discolouration on the receiving waters.
2. In the event of an exceedance of one of the objectives set out in the effluent objectives table in Schedule B, the Owner shall:
 - a. notify the District Manager as soon as possible during normal working hours;
 - b. take immediate action to identify the source of contamination; and
 - c. take immediate action to prevent further exceedance.

6. EFFLUENT MONITORING

1. The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:
 - a. 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.
 - b. Samples shall be collected and analyzed at the sampling point(s), sampling frequencies and sample type specified for each parameter listed in the effluent monitoring table in Schedule C.
 - c. The methods and protocols for sampling, analysis and recording shall conform to the methods and protocols specified in the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02 and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager.

2. The measurement frequencies specified in the effluent monitoring table in Schedule B in respect of any parameter are minimum requirements which may, after 24 months of monitoring in accordance with this Condition, be modified by the Director in writing from time to time.

7. OPERATIONS AND MAINTENANCE

1. 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/periodic operation and self-monitoring of the Stormwater Management 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. a spill prevention, control and countermeasures plan including procedures for notifying the District Manager; and
 - e. procedures for responding to environmental concerns from the public.
2. The Owner shall maintain the operations manual up to date through revisions undertaken from time to time and retain a copy at the location of the Works for as long as they are in operation. Upon request, the Owner shall make the manual available for inspection and copying by Ministry personnel.
3. The Owner shall carry out and maintain an inspection and maintenance program on the operation of the manhole oil/grit separator in accordance with the manufacturer's recommendation.
4. The Owner shall ensure the immediate inspection of the Works after a fuel or oil spill capture and, if necessary, clean and maintain the Works to prevent the excessive buildup of oil or fuel.
5. The Owner shall inspect the contents of the oil/water separator on a monthly basis and, if necessary, clean and maintain the oil/water separator to prevent the excessive buildup of sediments and oil.

8. RECORD KEEPING

1. The Owner shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at the site for inspection by the Ministry. The logbook shall include the following:

- a. the name of the Works;
 - b. the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed; and
 - c. the date of each spill within the catchment area, including follow-up actions / remedial measures undertaken.
2. The Owner shall retain for a minimum of five (5) years from the date of their creation, or longer if requested in writing by the Director, all records and information required by this Approval.

9. TEMPORARY EROSION AND SEDIMENT CONTROL

1. The Owner shall install and maintain temporary sediment and erosion control measures during construction and conduct inspections once every two (2) weeks and after each significant storm event (a significant storm event is defined as a minimum of 25 mm of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are no longer required and at which time they shall be removed and all disturbed areas reinstated properly.
2. The Owner shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. The record shall include the name of the inspector, date of inspection, and the remedial measures, if any, undertaken to maintain the temporary sediment and erosion control measures.

10. SPILL CONTINGENCY PLAN

1. Within six (6) months from the issuance of this Approval, the Owner shall implement a spill contingency plan - that is a set of procedures describing how to mitigate the impacts of a spill within the area serviced by the Works. The Owner shall, upon request, make this plan available to Ministry staff. This plan shall include as a minimum:
 - a. the name, job title and location (address) of the Owner, person in charge, management or person(s) in control of the facility;
 - b. the name, job title and 24-hour telephone number of the person(s) responsible for activating the spill contingency plan;
 - c. a site plan drawn to scale showing the facility, nearby buildings, streets, catch-basins and manholes, drainage patterns (including direction(s) of flow in storm sewers), any receiving body(ies) of water that could potentially be significantly impacted by a spill and any features which need to be taken into account in terms of potential impacts on access and response (including physical obstructions and location of response and clean-up equipment);
 - d. steps to be taken to report, contain, clean up and dispose of contaminants following a spill;

- e. a listing of telephone numbers for: local clean-up company(ies) who may be called upon to assist in responding to spills; local emergency responders including health institution(s); and Ministry Spills Action Centre 1-800-268-6060;
 - f. Safety Data Sheets (SDS) for each hazardous material which may be transported or stored within the area serviced by the Works;
 - g. the means (internal corporate procedures) by which the spill contingency plan is activated;
 - h. a description of the spill response training provided to employees assigned to work in the area serviced by the Works, the date(s) on which the training was provided and by whom;
 - i. an inventory of response and clean-up equipment available to implement the spill contingency plan, location and, date of maintenance/replacement if warranted; and
 - j. the date on which the contingency plan was prepared and subsequently, amended.
2. The spill contingency plan shall be kept in a conspicuous, readily accessible location on-site.
 3. The spill contingency plan shall be amended from time to time as required by changes in the operation of the facility.
 4. The Owner's emergency contact phone number shall be clearly posted at each of the loading racks at the bulk plants or islands comprised in the cardlock with a concise list of instructions for truck drivers (clients) to follow in case of emergencies occurring outside of regular business hours.

11. REPORTING

1. The Owner shall prepare performance reports on a calendar year basis by March 31 of the calendar year following the period being reported upon and submit to the District Manager when requested. 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 monitoring data and a comparison to the design objectives in this Approval, including an overview of the success and adequacy of the Works;
 - b. a description of any operating problems encountered and corrective actions taken;
 - c. a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works;
 - d. a summary of the calibration and maintenance carried out on all effluent monitoring equipment;

- e. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
 - f. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
 - g. a summary of all spill or abnormal discharge events; and
 - h. any other information the District Manager requires from time to time.
2. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the EPA, the Owner shall, within fifteen (15) days of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.
 3. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.Schedules:

Schedule A

1. Environmental Compliance Approval Application for Industrial Sewage Works submitted by Joe Mastrangelo, Principal of Mastrangelo Fuels Inc., dated August 16, 2021 and received on November 30, 2021, and all supporting documentation and information.
2. Design Brief "Cardlock Facility 1500 Main Street, Geraldton", dated November 4, 2021, prepared by MGM Consulting Inc.

Schedule B

Effluent Objectives Table

(measured at the discharge outlet from the OWS sump pump)

Effluent Parameter	Concentration Objective (milligrams per litre unless otherwise indicated)
Oil and Grease	15
Total Suspended Solids	25
pH	between 6.0 - 8.5 inclusive

Schedule C

Effluent Monitoring Table

Sampling Location	OWS Sump Pump Discharge Pipe
Frequency	Quarterly
Sample Type	Grab
Parameters	Total Suspended Solids, Oil and Grease, pH

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, 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 approved Works and to ensure that any subsequent Owner of the Works is made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 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 establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to meet on an ongoing basis. It is also included to establish appropriate actions to be taken to minimize environmental impact in the event the objectives are exceeded.
6. Condition 6 is included to require the Owner to demonstrate on a continual basis that the quality of the effluent from the approved Works is consistent with the design objectives specified in the Approval and that the approved Works does not cause any impairment to the environment.
7. Condition 7 is included to ensure that an operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept current by the Owner and made available to the Ministry. 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 bench-mark for Ministry staff when reviewing the Owner's operation of the Works.
8. Condition 8 is included to ensure that accurate information is readily available so that a proper and accurate assessment of the operating performance of the Works may be conducted and that appropriate measures be taken should the operating performance of the Works not be satisfactory.
9. Condition 9 is included as installation, regular inspection and maintenance of the temporary sediment and erosion control measures is required to mitigate the impact on the downstream receiving watercourse during construction until they are no longer required.
10. Condition 10 is included to ensure that the Owner will implement the Spill Contingency Plan, such that the environment is protected and deterioration, loss, injury or damage to any person(s) or property is prevented.
11. Condition 11 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.

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 Notice") shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

- 1. The name of the appellant;
- 2. The address of the appellant;
- 3. The environmental compliance approval number;
- 4. The date of the environmental compliance approval;
- 5. The name of the Director, and;
- 6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

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

and

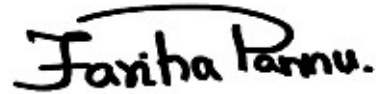
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca**

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 3rd day of August, 2022



Fariha Pannu, P.Eng.

Director

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

MS/

c: District Manager, MECP Thunder Bay - District
Matt Stairs, MGM Consulting Inc.