

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 0822-BU4Q87  
Issue Date: November 13, 2020

Compass Minerals Canada Corp.  
245 Regent St  
Goderich, Ontario  
N7A 3Y5

Site Location: 245 Regent Street

Goderich Town, County of Huron

*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:*

usage and operation of existing industrial sewage works for the collection and the treatment of process wastewater and contaminated rainwater from an Salt Evaporator facility located at the above noted Site Location and disposal of treated effluent to Maitland River:

- Hot Well (pit) receiving process effluent water used in boiler evaporation (Salt Evaporator Effluent)
- Collection of flows from discharge of boiler blowdown and compactor wash water, storm water, Hot Well (pit) and other minor miscellaneous sources;
- 400 mm diameter storm sewer piping draining collected flows to a Central Manhole, 0.9 m x 1.2 m x 2.7 m precast concrete chamber at sampling point Manhole 3C (Process Effluent);
- One Oil-Water Separator (OWS) with a capacity of 228.4 L, capable of processing 33.8 m<sup>3</sup>/min to 58.5 m<sup>3</sup>/min discharging to Manhole 3C; and
- Cooling pond with a volume of 6,907.4 m<sup>3</sup>, receiving an annual average daily flow of 8,188 m<sup>3</sup>/day from Manhole 3C and discharging to the receiver.

including all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage works.

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

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

"Approval" means this entire Approval document and any Schedules to it, including the application and Supporting Documentation;

"Director" means a person appointed by the Minister pursuant to Section 5 of the EPA for the purposes of Part II.I of the EPA;

"District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works are geographically located;

"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;

"Owner" means Compass Minerals Canada Corp., and includes its successors and assignees;

"Works" means the sewage works described in 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 referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.
4. 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. CHANGE OF OWNER AND OPERATING AUTHORITY**

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* , as amended, shall be included in the notification;
  - 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. C.39* , as amended, shall be included in the notification.
2. The Owner shall notify the District Manager, in writing, of any of the following changes within thirty (30) days of the change occurring:
  - a. change of address of Operating Authority;
  - b. change of Operating Authority, including address of new Operating Authority.
3. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner in writing, of the existence of this Approval, and forward a copy of the notice to the District Manager.
4. The Owner shall ensure that all communications made pursuant to this condition refer to the environmental compliance approval number.

## **3. RECORD DRAWINGS**

1. A set of record drawings of the Works shall be kept up to date through revisions undertaken from time to time and a copy shall be readily accessible for reference at the 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 and maintained.
2. The Owner shall prepare an operations manual for the operation of the Works, maintain the operations manual up to date through revisions undertaken annually by June 1<sup>st</sup> of each year for the operational changes performed in the previous year and retain a copy at the location of the sewage works. Upon request, the Owner shall make the manual available for inspection and

copying by Ministry personnel.

3. The Owner shall ensure that the manual includes the following information:
  - a. operating procedures for routine operation of the Works;
  - b. inspection program 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;
  - e. the names and telephone numbers of at least two emergency contacts; and
  - f. complaint procedures for receiving and responding to public complaints.

## 5. MONITORING AND RECORDING

1. The Owner shall, upon commencement of operation of the Works, carry out a scheduled monitoring program of collecting samples at the required sampling points, at the frequency specified or higher, by means of the specified sample type and analyzed for each parameter listed in the tables under the monitoring program included in **Schedule B** and record all results, as follows:
  - a. all samples and measurements are to be taken at a time and in a location characteristic of the quality and quantity of the sewage stream over the time period being monitored;
  - b. definitions and preparation requirements for each sample type are included in document referenced in Paragraph 2.b;
  - c. definitions for frequency:
    - i. Daily means once every day;
    - ii. Weekly means once every week.
2. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
  - a. the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended;
  - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal

Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;

- c. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
  - d. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b and 2.c, the written approval of the District Manager shall be obtained prior to sampling.
3. The Owner shall monitor and record the flow rate and daily quantity using flow measuring devices or other methods of measurement as approved below calibrated to an accuracy within plus or minus 15 per cent (+/- 15%) of the actual flowrate of the following:
    - a. Final Effluent discharged from the Works by continuous flow measuring devices and instrumentations/pumping rates.
  4. The Owner shall retain for a minimum of three (3) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

## **6. REPORTING**

1. The Owner shall report to the District Manager orally as soon as possible any non-compliance with the compliance limits, and in writing within seven (7) days of non-compliance.
2. The Owner shall, within fifteen (15) days of occurrence of a spill within the meaning of Part X of the EPA, 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 schedule of implementation, in addition to fulfilling the requirements under the EPA and O. Reg. 675/98 "Classification and Exemption of Spills and Reporting of Discharges".
3. The Owner shall submit the analytical results required by Condition 7.1 in an effluent monitoring and compliance report on a quarterly basis, within forty-five (45) days following the end of each quarter.
4. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
5. The Owner shall prepare performance reports on annual basis and submit to the District Manager. 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 Final Effluent monitoring data, including concentration, flow rates, and a comparison to the compliance limits in this Approval, including an overview of the success and adequacy of the Works;
  - b. a summary of all operating issues encountered and corrective actions taken;
  - c. a summary of all normal and emergency repairs and maintenance activities carried out on any major

structure, equipment, apparatus or mechanism forming part of the Works;

- d. a summary of any effluent quality assurance or control measures undertaken;
- e. a summary of the calibration and maintenance carried out on all Final Effluent monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
- f. a tabulation of the volume of sludge generated, an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed;
- g. a summary of any complaints received and any steps taken to address the complaints;
- h. 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 regarding general provisions is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted.
2. Condition 2 regarding change of Owner and Operating Authority is included to ensure that the Ministry records are kept accurate and current with respect to ownership and Operating Authority of the Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
3. Condition 3 is included to ensure that record drawings of the Works "as constructed" are updated and maintained for future references.
4. Condition 4 is included to ensure that the sewage works is operated, maintained and equipped in a manner enabling compliance with the terms and conditions of this Approval and a comprehensive operations manual 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.
5. Condition 5 regarding monitoring and recording is included to enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives and compliance limits.
6. Condition 6 regarding reporting is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for this Approval.

## **Schedule A**

1. Application for Approval of Industrial Sewage Works signed by Lisa Svazich, EHS + S Manager, Compass Minerals Canada Corp., dated July 10, 2020, received on July 10, 2020 including all supporting documentation.

## Schedule B

### Monitoring Program

#### Well Water - Control Point 0400

Parameters	Sample Type	Minimum Frequency
Total Suspended Solids	Grab	Weekly
pH	Grab	Weekly

#### Hot Well (pit) - Salt Evaporator Effluent

Parameters	Sample Type	Minimum Frequency
Total Suspended Solids	Grab	Weekly
pH	Grab	Weekly

#### Manhole 3C - Process Effluent - Control Point 0100

Parameters	Sample Type	Minimum Frequency
Total Suspended Solids	24 hour composite	Weekly
pH	24 hour composite	Weekly



*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

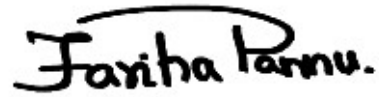
The Director appointed for the purposes of  
Part II.1 of the Environmental Protection Act  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* 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 13th day of November, 2020



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Fariha Pannu, P.Eng.

Director

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

YK/

c: District Manager, MECP Owen Sound  
Jennifer Pearcey, GHD Limited