

Ministry of the Environment, Conservation and Parks Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5260-A9FQZZ Issue Date: May 22, 2021

Compass Minerals Canada Corp.

Post Office Box No. 370

Goderich, Ontario

N7A 3Y9

Site Location: Goderich Salt Mine

300 North Harbour Road West

Goderich, Ontario

N7A 3Y9

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

the use and operation of two waste disposal sites: WDS No. 1 is an 0.31 hectare waste disposal site, within a single waste cell, that was approved September 20, 2016; and WDS No. 2 is an 0.48 hectare waste disposal site that comprises of two waste cells;

both are to be used for the landfilling of the following types of waste:

non-hazardous solid waste limited to tires, cardboard, paper, woodwaste products and plastic

Note: Use of the site for any other type of waste is not approved under this environmental compliance approval, and requires obtaining a separate approval amending this environmental compliance approval.

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

"Approval" or "ECA" means this Environmental Compliance Approval and any Schedules to it, including the application and supporting documentation listed in Schedule "A";

"Director" means any Ministry employee appointed in writing by the Minister pursuant to section 5 of the EPA as a Director for the purposes of Part II.1 of the EPA;

"District Manager" means the District Manager of the local district office of the Ministry in which the Site is geographically located;

- "EPA" means Environmental Protection Act, R.S.O. 1990, c. E. 19, as amended;
- "Ministry" or "MECP" means the Ontario Ministry of the Environment, Conservation and Parks;
- "NMA" means Nutrient Management Act, 2002, S.O. 2002, c. 4, as amended;
- "Owner" means any person that is responsible for the establishment or operation of the Site being approved by this Approval, and includes Compass Minerals Canada Corporation and its successors and assigns;
- "OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended;
- "PA" means the Pesticides Act, R.S.O. 1990, c. P-11, as amended;
- "Provincial Officer" means any person designated in writing by the Minister as a provincial officer pursuant to Section 5 of the OWRA, Section 5 of the EPA, Section 17 of the PA, Section 4 of the NMA, or Section 8 of the SDWA;
- "Regional Director" means the Regional Director of the local Regional Office of the Ministry in which the Site is located;
- "Regulation 240/00" means Regulation 240/00, Mine Development and Closure Under Part VII of the Mining Act, R.S.O 1990 c.M 14;
- "Regulation 347" or "Reg. 347" means Regulation 347, R.R.O. 1990, made under the EPA, as amended;
- "SDWA" means Safe Drinking Water Act, 2002, S.O. 2002, c. 32, as amended;
- "Site" means both the 0.31 hectare single celled waste disposal site (WDS No. 1) and the 0.48 hectare two celled waste disposal site (WDS No. 2), located within the Goderich Salt Mine at 300 North Harbour Road West, Goderich, Ontario and at an approximate depth of 565 metres below ground surface;
- "Trained Personnel" means personnel knowledgeable in the following through instruction and/or practice:
 - a. relevant waste management legislation, regulations and guidelines;
 - b. major environmental concerns pertaining to the waste to be handled;
 - c. occupational health and safety concerns pertaining to the processes and wastes to be handled;
 - d. management procedures including the use and operation of equipment for the processes and wastes to be handled;
 - e. emergency response procedures;
 - f. specific written procedures for the control of nuisance conditions;
 - g. specific written procedures for refusal of unacceptable waste loads; and
 - h. the requirements of 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**

Compliance

- (1) The Owner shall ensure compliance with all the conditions of this Approval and shall ensure that any person authorized to carry out work on or operate any aspect of the Site 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) Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Approval.

In Accordance

(3) Except as otherwise provided by this Approval, the Site shall be designed, developed, built, operated and maintained in accordance with the documentation listed in the attached Schedule "A".

Interpretation

- (4) Where there is a conflict between a provision of any document listed in Schedule "A" in this Approval, and the conditions of this Approval, the conditions in this Approval shall take precedence.
- (5) Where there is a conflict between the application and a provision in any document listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.
- (6) Where there is a conflict between any two documents listed in Schedule "A", the document bearing the most recent date shall take precedence.
- (7) The conditions of this Approval are severable. If any condition of this Approval, or the application of any condition 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.

Other Legal Obligations

- (8) The issuance of, and compliance with, 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; or
 - (b) limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner to furnish any further information related to compliance with this Approval.

Adverse Effect

- (9) The Owner shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the Site, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.
- (10) Despite an Owner, or any other person fulfilling any obligations imposed by this Approval the person remains responsible for any contravention of any other condition of this Approval or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect to the natural environment or impairment of water quality.

Change of Ownership

- (11) The Owner shall notify the Director, in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes in the following information:
 - (a) the ownership of the Site;
 - (b) the address of the Owner; and
 - (c) the 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.
- (12) No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance and sufficient financial assurance is deposited with the Ministry to ensure that these conditions will be carried out.
- (13) In the event of any change in ownership of the Site, other than change to a successor municipality, the Owner shall notify the successor of and provide the successor with a copy of this Approval, and the Owner shall provide a copy of the notification to the District Manager and the Director.

Inspections by the Ministry

(14) No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, the EPA, the PA, the SDWA or the NMA, of any place to which this Approval relates, and without limiting the foregoing:

- (a) to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this Approval are kept;
- (b) to have access to, inspect, and copy any records required to be kept by the conditions of this Approval;
- (c) to inspect the Site, related equipment and appurtenances;
- (d) to inspect the practices, procedures, or operations required by the conditions of this Approval; and
- (e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this Approval or the EPA, the OWRA, the PA, the SDWA or the NMA.

Information and Record Retention

- (15) (a) Except as authorized in writing by the Director, all records required by this Approval shall be retained at the Owner's office for a minimum of two (2) years from their date of creation.
 - (b) The Owner shall retain all documentation listed in Schedule "A" for as long as this Approval is valid.
 - (c) All monthly summary reports of waste records collected are to be kept at the Site until they are included in the Annual Report.
 - (d) The Owner shall retain employee training records as long as the employee is working at the Site.
 - (e) The Owner shall make all of the above documents available for inspection upon request of Ministry staff.
- (16) The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action under this Approval or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:
 - (a) an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Approval or any statute, regulation or other legal requirement; or
 - (b) acceptance by the Ministry of the information's completeness or accuracy.
- (17) The Owner shall ensure that a copy of this Approval, in its entirety and including all its Notices of Amendment, and documentation listed in Schedule "A", are retained at the Owner's office at all times.
- (18) Any information related to this Approval and contained in Ministry files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, RSO 1990, CF-31.

2. SITE OPERATION

Operation

(1) The Site shall be operated and maintained at all times including management and disposal of all waste, in accordance with the EPA, Regulation 347, and the conditions of this Approval. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

Signs

- (2) A sign shall be installed and maintained at the main entrance/exit to the Site on which is legibly displayed the following information:
 - (a) the normal hours of operation;
 - (b) the allowable and prohibited waste types;
 - (c) a twenty-four (24) hour emergency telephone number
- (3) The Owner shall install and maintain signs to direct vehicles to working face.

Burning Waste Prohibited

(4) Burning of waste at the Site is prohibited.

Hours of Operation

(5) The hours of operation are established as: 24 hours a day, 7 days a week.

Site Security

- (6) No waste shall be received, landfilled or removed from the Site unless a site supervisor or an attendant is advised of the operation.
- (7) The Site shall be operated and maintained in a safe and secure manner.

3. EMPLOYEE TRAINING

(1) A training plan for all site attendant(s) that operate any aspect of the Site shall be developed and implemented by the Owner. Only Trained Personnel shall operate any aspect of the Site or carry out any activity required under this Approval.

4. EMERGENCY RESPONSE

- (1) All Spills as defined in the EPA shall be immediately reported to the **Ministry's Spills Action**Centre at 1-800-268-6060 and shall be recorded in the log book as to the nature of the emergency situation, and the action taken for clean-up, correction and prevention of future occurrences.
- (2) In addition, the Owner shall submit, to the District Manager a written report within three (3) business days of the emergency situation, outlining the nature of the incident, remedial measures taken, handling of waste generated as a result of the emergency situation and the measures taken to prevent future occurrences at the Site.
- (3) All equipment and materials required to handle the emergency situations shall be:
 - (a) kept on hand at all times that waste landfilling and/or handling is undertaken at the Site; and
 - (b) adequately maintained and kept in good repair.
- (4) The Owner shall ensure that the emergency response personnel are familiar with the use of such equipment and its location(s).

5. INSPECTIONS, RECORD KEEPING AND REPORTING

Weekly Records

- (1) A weekly record shall be maintained in written or electronic format and shall include the following information:
 - (a) the type and quantity (tonnes) of all waste and cover material received at the Site;
 - (b) the area of the Site in which waste disposal operations are taking place;
 - (c) a record of the Site inspections; and
 - (d) the condition of protective berm and signage
 - (e) problems or unusual occurrences (spills, accidents, etc) and action taken to mitigate any impacts
- (2) Any information requested, by the Director or a Provincial Officer, concerning the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall be provided to the Ministry, upon request.

Site Inspections and Log Book

(3) An inspection of the entire Site and all equipment on the Site shall be conducted each week the Site is in operation to ensure that: the Site is secure; that the operation of the Site is not causing any nuisances; that the operation of the Site is not causing any adverse effects on the environment and that the Site is being operated in compliance with this Approval. Any deficiencies discovered as a result of the inspection shall be remedied immediately, including temporarily ceasing operations at the Site if needed.

- (4) A record of the inspections shall be kept in a weekly log book that includes:
 - (a) the name and signature of person that conducted the inspection;
 - (b) the date and time of the inspection;
 - (c) the list of any deficiencies discovered;
 - (d) the recommendations for remedial action; and
 - (e) the date, time and description of actions taken.

Annual Report

- (5) A written report on the development, operation and monitoring of the Site, shall be completed annually (the "Annual Report"). The Annual Report shall be submitted to the District Manager, by March 31st of the year following the period being reported upon.
- (6) The Annual Report shall include but not be limited to the following information:
 - (a) an assessment of the operation and performance of all engineered facilities, and the need to amend the design or operation of the Site;
 - (b) site plans showing the areas of landfilling operation during the reporting period;
 - (c) calculations of the volume of waste, cover deposited or placed at the Site during the reporting period and a calculation of the total volume of Site capacity used during the reporting period;
 - (d) a calculation of the remaining capacity of the Site and an estimate of the remaining Site life;
 - (e) a summary of the weekly and total annual quantity (volume) of waste received at the Site;
 - (f) a discussion of any operational problems encountered at the Site and corrective action taken;
 - (g) any changes to the Design and Operations Report(s) that have been approved by the Director since the last Annual Report; and
 - (h) any other information with respect to the Site which the District Manager may require from time to time.

6. LANDFILL DESIGN AND DEVELOPMENT

Approved Waste Types

- (1) Only the following solid non-hazardous wastes are approved for receipt at the Site:
 - 1. used/scrap tires
 - 2. cardboard
 - 3. paper
 - 4. plastics
 - 5. woodwaste products
- (2) The Owner shall ensure that all loads of waste are properly inspected by Trained personnel prior

to disposal at the Site.

Site Capacity

- (3) The approved capacity of the Site is as follows:
 - (a) WDS No 1: 39,500 cubic metres, including all wastes and cover, and excluding any final cover; and
 - (b) WDS No 2: 39,500 cubic metres, including all wastes and cover, and excluding any final cover.

Service Area

(4) Only waste that is generated by Owner, and within the salt mine underground workings may be accepted at the Site.

Design and Operations Report

- (5) The Site shall be developed and operated in accordance with:
 - (a) the Design and Operations Report, revised September 9, 2016, item 2 of Schedule A for WDS No 1;
 - (b) the Design and Operations Report, June 8, 2020, item 4 of Schedule A for WDS No 2.
- (6) The Owner shall ensure that a safety berm of a minimum height of 1.2 metres, is maintained at the active filling face at all times, during filling operations.

Cover

(7) The Owner shall ensure that a minimum of 1.8 metres thick salt cover is immediately applied after placement of any waste.

7. MINE CLOSURE PLAN

- (1) At any time that the Owner submits a revised Mine Closure Plan in accordance with Schedule 2 of Regulation 240/00, to the Ministry of Energy, Northern Development and Mines, a copy shall be provided to the MECP District Manager and the Director.
- (2) The updated Mine Closure Plan shall include a description of the waste disposal operations as authorized in this Approval.

Schedule A

1. Application for Environmental Compliance Approval, dated October 28, 2013, and signed by Chris Grande, Supervisor, Quality-Environmental.

- 2. Report entitled "Compass Minerals Canada Corp., Non-Hazardous Waste Disposal Site, Goderich Salt Mine, Design & Operations Report", by B.M. Ross, revised September 9, 2016.
- 3. Application for Environmental Compliance Approval, dated June 9, 2020 and signed by Chris Grande, Supervisor, Quality-Environmental.
- 4. Report entitled "Compass Minerals Canada Corp., Non-Hazardous Waste Disposal Site No. 2, Goderich Salt Mine, Design & Operations Report", by B.M. Ross and Associates Limited. June 8, 2020.

The reasons for the imposition of these terms and conditions are as follows:

1. GENERAL

The reason for Conditions 1(1), (2), (4), (5), (6), (7), (8), (9), (10), (15), (16) and (17) is to clarify the legal rights and responsibilities of the Owner and Operator under this Approval.

The reasons for Condition 1(3) are to ensure that the Site is designed, operated, monitored and maintained in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.

The reasons for Condition 1(11) is to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.

The reasons for Condition 1(12) are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Approval.

The reason for Condition 1(13) is to ensure that the successor is aware of its legal responsibilities.

The reason for Condition 1(14) is to ensure that appropriate Ministry staff has ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this Approval. This Condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the Act, the OWRA, the PA, the NMA and the SDWA.

Condition 1(18) has been included in order to clarify what information may be subject to the Freedom of Information Act.

2. SITE OPERATION

The reasons for Conditions 2(1), 2(4), are to ensure that the Site is operated and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person.

The reason for Conditions 2(2), 2(3) and 2(5) is to ensure that users of the Site are fully aware of important information and restrictions related to Site operations and access under this Approval.

The reasons for Condition 2(6) and 2(7) are to ensure that the Site is supervised by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person and to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.

3. EMPLOYEE TRAINING

The reason for Condition 3 is to ensure that the Site is supervised and operated by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.

4. EMERGENCY RESPONSE

Conditions 4(1) and 4(2) are included to ensure that emergency situations are reported to the Ministry to ensure public health and safety and environmental protection.

Conditions 4(3), and 4(4) are included to ensure that emergency situations are handled in a manner to minimize the likelihood of an adverse effect and to ensure public health and safety and environmental protection.

5. INSPECTIONS, RECORD KEEPING AND REPORTING

The reason for Conditions 5(1) and 5(2) is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this Approval, the EPA and its regulations; and to ensure the information is made available to the Ministry upon request.

The reason for Conditions 5(3), and 5(4) is to ensure that detailed records of Site inspections are recorded and maintained for inspection and information purposes.

The reasons for Conditions 9(5) and 9(6) are to ensure that regular review of site development, operations and monitoring data is documented and any possible improvements to site design, operations or monitoring programs are identified. An annual report is an important tool used in reviewing site activities and for determining the effectiveness of site design.

6. LANDFILL DESIGN AND DEVELOPMENT

Conditions 6(1) and 6(2) are included to clarify the wastes that are approved to be disposed of at the Site, and to ensure that waste loads are appropriately inspected.

Condition 6(3) is included to clarify the approved waste volume

Condition 6(4) is included to clarify the service area for the Site.

Condition 6(5) is included to ensure that the Site is operated and maintained in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.

Conditions 6(6) and 6(7) are included to ensure that a berm is in place at the filling face, and that adequate cover is placed for health and safety and environmental protection

7. MINE CLOSURE PLAN

Conditions 7(1) and 7(2) are included to ensure that the Ministry has opportunity to review the proposed procedures for closure of the Site, and that the Mine Closure Plan adequately addresses the waste disposal site.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 5260-A9FQZZ issued on September 20, 2016

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.

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

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 Director appointed for the purposes of The Minister of the Environment, Part II.1 of the Environmental Protection Act The Secretary* Environmental Review Tribunal Conservation and Parks Ministry of the Environment, 655 Bay Street, Suite 1500 AND 777 Bay Street, 5th Floor AND Conservation and Parks Toronto, Ontario Toronto, Ontario 135 St. Clair Avenue West, 1st Floor M5G 1E5 M7A 2J3 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 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 22nd day of May, 2021

Mohsen Keyvani, P.Eng.

Director

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

CM/

c: District Manager, MECP Owen Sound Jennette Walker, C.E.T Dale Erb P. Eng., BM Ross and Associates Limited