



**Mackenzie Valley Land and Water Board**  
**7th Floor - 4922 48th Street**  
**P.O. Box 2130**  
**YELLOWKNIFE NT X1A 2P6**  
**Phone (867) 669-0506**  
**FAX (867) 873-6610**

September 3, 2019

File: MV2019J0019

Mr. Jim Coyne  
Redbed Resources Corp.  
14 Macdonald Road  
Whitehorse YT Y1A 4L2

Email: [jcoyne@kluanedrilling.ca](mailto:jcoyne@kluanedrilling.ca)

Dear Mr. Coyne:

**Issuance of Type A Land Use Permit  
Establishment of a Camp for the purpose of mineral exploration – Coates Lake Area  
NT**

Attached is Type A Land Use Permit MV2019J0019 granted by the Mackenzie Valley Land and Water Board (MVLWB or the Board) in accordance with the *Mackenzie Valley Resource Management Act* (MVRMA). This Permit has been approved for a period of five years effective September 3, 2019 and expiring September 2, 2024. The Board also presents the following outcomes:

Transboundary Determination

The Board considered the transboundary nature of your Application. The Board confirms your Application is transboundary under paragraph 103(1)(a) of the MVRMA as it, “relates to a use of land or waters or a deposit of waste that is to take place, or is likely to have an impact, in more than one management area, or in a management area and an area outside any management area”.

Land Use Plan – Conformity Determination

The Board conducted an evaluation of your Application against the Sahtu Land Use Plan. The Board is satisfied the activities are in conformity with this Plan.

Preliminary Screening Exemption Confirmation

Based on the evidence provided, the Board has also confirmed that the Application is exempt from preliminary screening as per Schedule 1, Paragraph 2 of the Exemption List Regulations of the MVRMA which states:

A development, or part thereof, for which renewal of a permit, licence or authorization is requested that

- a) Has not been modified; and
- b) Has fulfilled the requirements of the environmental assessment process established by the *Mackenzie Valley Resource Management Act*, the *Canadian Environmental Assessment Act* or the *Environmental Assessment Review Process Guidelines Order*.

#### Permit Conditions

Please read all conditions carefully. For the purpose of submitting plans in accordance with this Permit, the date of this letter, August 29, 2019, is the date of commencement.

#### Reclamation Security

In accordance with Permit condition 24, a security deposit in the amount of \$5,800.00 shall be posted with the Minister and copied to the Board prior to the start of the operation under section 32 of the Mackenzie Valley Land Use Regulations. As delegated under Schedule A of the Delegation Instrument under the MVRMA, this security deposit, **payable to the Government of the Northwest Territories** in the amount of \$5,800.00, shall be submitted to: the Government of the Northwest Territories, Department of Lands, North Slave Regional Office, 140 Bristol Avenue, Yellowknife NT, X1A 3T2. For more information about posting security with the GNWT, please contact Charlene Coe, Land Use Advisor, at (867) 767-9187 (ext. 24194). Please send a copy of the receipt for the security deposit to the MVLWB office prior to the start of your operation.

#### Management Plans - Approved

The Board hereby approves the following Plans as summarized in Table 1:

**Table 1: Plans**

<b>Condition Number</b>	<b>Title of Plan</b>	<b>Date Received</b>
18	Waste Management Plan	June 28, 2019
36	Spill Contingency Plan	June 28, 2019
45	Engagement Plan	June 28, 2019

#### Discontinuance

Should you wish to discontinue your land-use operation at any time prior to the expiry date set out in the Permit, a written notice of discontinuance is required as per section 37 of the MVLUR, in addition to the submission of a final plan.

Public Registry

A copy of this Permit and all related correspondence and documents has been filed on the [Public Registry](#) at the MVLWB office. Please be advised that this letter, inspection reports, and related correspondence is part of the Public Registry and is intended to keep all interested parties informed of the manner in which the Permit requirements are being met. All Public Registry material will be considered if an amendment to the Permit is requested.

The full cooperation of Redbed Resources Corp. is anticipated and appreciated. If you have any questions or concerns, please contact Tyree Mullaney at (867) 766-7464 or email [tyree@mvlwb.com](mailto:tyree@mvlwb.com).

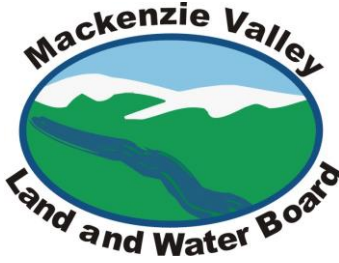
Yours sincerely,



Mavis Cli-Michaud  
MVLWB, Chair

Copied to: Distribution List  
Charlene Coe, GNWT, Land Use Advisor

Attached: Land Use Permit MV019J0019  
Reasons for Decision



**Land Use Permit**

Permit Class	Permit No	Amendment No
A	MV2019J0019	-

Subject to the Mackenzie Valley Land Use Regulations and the terms and conditions in this Permit, authority is hereby granted to:

Redbed Resources Corp.

Permittee

to proceed with the land use operation described in the Application of:

Signature Mr. Jim Coyne	Date June 28, 2019
Type of Land Use Operation Establishment of a Camp	
Location Coates Lake Area	

This Permit may be assigned, extended, discontinued, suspended, or cancelled pursuant to the Mackenzie Valley Land Use Regulations.

Dated at Yellowknife this 29 day of August, 2019

Signature Chair

Mavis Cli-Michaud

Signature Witness

Amanda Gauthier

Effective Date:

September 3, 2019

Expiry Date:

September 2, 2024

**ATTENTION**

It is a condition of this Permit that the Permittee comply with the provisions of the *Mackenzie Valley Resource Management Act* and Regulations and the terms and conditions set out herein. A failure to comply may result in suspension or cancellation of this Permit.

## Conditions Annexed to and Forming Part of Land Use Permit # MV2019J0019

### Part A: Scope of Permit

1. This Permit entitles the Permittee to conduct the following land-use operation:
  - a) Establishment, operation and maintenance of a camp;
  - b) Use and storage of fuel; and
  - c) Mineral exploration
2. This Permit is issued subject to the conditions contained herein with respect to the use of land for the activities and area identified in Part A, item 1 of this Permit.
3. Compliance with the terms and conditions of this Permit does not excuse the Permittee from its obligation to comply with the requirements of any applicable Federal, Territorial, Tłıchǫ, or Municipal laws.

### Part B: Definitions (defined terms are capitalized throughout the Permit)

**Act** - the *Mackenzie Valley Resource Management Act*.

**Board** - the Mackenzie Valley Land and Water Board established under Part 4 of the Act.

**Closure and Reclamation** - the process and activities that facilitate the return of areas affected by the Project to viable and, wherever practicable, self-sustaining ecosystems that are compatible with a healthy environment, human activities, and the surrounding environment.

**Engagement Plan** - a document, developed in accordance with the Board's *Engagement and Consultation Policy* and the *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*, that clearly describes how, when, and which engagement activities will occur with an affected party during the life of the project.

**Fuel Storage Container** - a container for the storage of petroleum or allied petroleum products with a capacity of less than 230 litres.

**Fuel Storage Tank** - a closed container for the storage of petroleum or allied petroleum products with a capacity of more than 230 litres.

**Greywater** - all liquid wastes from showers, baths, sinks, kitchens, and domestic washing facilities but not including toilet wastes.

**Habitat** - the area or type of site where a species or an individual of a species of wildlife naturally occurs or on which it depends, directly or indirectly, to carry out its life processes.

**Inspector** - an Inspector designated by the Minister under the Act.

**Minister** - the Minister of Indian Affairs and Northern Development Canada or the Minister of the Government of the Northwest Territories – Department of Lands, as the case may be.

**Ordinary High Water Mark** - the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land. In flowing waters (rivers, streams) this refers to the “active channel/bank-full level” which is often the 1:2 year flood flow return level. In inland lakes, wetlands, or marine environments, it refers to those parts of the Watercourse bed and banks that are frequently flooded by water so as to leave a mark on the land and where the natural vegetation changes from predominately aquatic vegetation to terrestrial vegetation (excepting water tolerant species). For reservoirs, this refers to normal high operating levels (full supply level).

**Permittee** - the holder of this permit.

**Progressive Reclamation** - Closure and Reclamation activities conducted during the operating phase of the project.

**Secondary Containment** - containment that prevents liquids that leak from Fuel Storage Tanks or containers from reaching outside the containment area and includes double-walled Tanks, piping, liners, and impermeable barriers.

**Sewage** - all toilet wastes and Greywater.

**Spill Contingency Plan** - a document, developed in accordance with Aboriginal Affairs and Northern Development Canada’s *Guidelines for Spill Contingency Planning* that describes the set of procedures to be implemented to minimize the effects of a spill.

**Safety Data Sheet** - a technical document, typically written by the manufacturer or supplier of a chemical, that provides information about the hazards associated with the product, advice about safe handling and storage, and emergency response procedures.

**Sump** - a human-made pit or natural depression in the earth's surface used for the purpose of depositing Waste that does not contain Toxic Material, such as non-toxic Drilling Waste or Sewage, therein.

**Toxic Material** - any substance that enters or may enter the environment in a quantity or concentration or under conditions such that it:

- a) Has or may have an immediate or long-term harmful effect on the environment or its biological diversity;
- b) Constitutes or may constitute a danger to the environment on which life depends; or
- c) Constitutes or may constitute a danger in Canada to human life or health.

**Waste** - any garbage, debris, chemical, or Toxic Material to be used, stored, disposed of, or handled on land, and also as defined in section 51 of the Act.

**Waste Management Plan** - a document, developed in accordance with the Board’s Guidelines for Developing a Waste Management Plan, that describes the methods of Waste management from Waste generation to final disposal.

**Watercourse** - a natural body of flowing or standing water or an area occupied by water during part of the year, and includes streams, springs, swamps and gulches but does not include groundwater.

**Part C: Conditions Applying to All Activities** (headings correspond to subsection 26(1) of the Mackenzie Valley Land Use Regulations)

Condition	Category
<b>26(1)(a) Location and Area</b>	
1. The Permittee shall only conduct this land-use operation on lands designated in the application.	<b>LOCATION OF ACTIVITIES</b>
2. The Permittee shall not conduct any part of the land-use operation within 300 metres of any privately owned or leased land or structures, including cabins used for traditional activities, unless otherwise approved by the Board.	<b>PRIVATE PROPERTY SETBACK</b>
3. The Permittee shall use an existing campsite, as described in the complete application.	<b>USE EXISTING CAMP</b>
<b>26(1)(b) Time</b>	
4. At least 48 hours prior to the initial commencement of the land-use operation, the Permittee's Field Supervisor shall contact an Inspector at (867) 669-2626.	<b>INITIAL NOTIFICATION – CONTACT INSPECTOR</b>
5. At least 48 hours prior to returning to the worksite following a seasonal Shut Down Period, the Permittee's Field Supervisor shall contact an Inspector at (867) 695-2626.	<b>SEASONAL NOTIFICATION – CONTACT INSPECTOR</b>
6. At least 48 hours prior to commencement of the land-use operation, the Permittee shall provide the following information, in writing, to the Board and an Inspector: a) the name(s) of the person(s) in charge of the field operation; b) alternates; and c) all methods for contacting the above person(s).	<b>IDENTIFY AGENT</b>
7. At least ten days prior to [the Shut Down Period or Spring Break-up], the Permittee shall advise an Inspector of: a) the plan for removal or storage of equipment and materials; and b) when cleanup and Progressive Reclamation of the land used will be completed.	<b>REPORTS BEFORE SEASONAL REMOVAL</b>
8. At least ten days prior to the completion of the land-use operation, the Permittee shall advise an Inspector of: a) the plan for removal or storage of equipment and materials; b) when final cleanup and reclamation of the land used will be completed; and c) when the Final Plan will be submitted.	<b>REPORTS BEFORE FINAL REMOVAL</b>

**26(1)(c) Type and Size of Equipment**

9. The Permittee shall only use equipment of a similar type, size, and number to that listed in the complete application. **USE APPROVED EQUIPMENT**

**26(1)(d) Methods and Techniques**

10. When sampling, the Permittee shall not: **GEOLOGICAL SAMPLING**
- a) Make any excavations which will result in a visible scar;
  - b) Use explosives; and
  - c) Use any power tool except hand-held portable tools used for sampling

**26(1)(e) Type, Location, Capacity, and Operation of All Facilities**

11. The Permittee shall ensure that the land use area is kept clean at all times. **CLEAN WORK AREA**

**26(1)(f) Control or Prevention of Ponding of Water, Flooding, Erosion, Slides, and Subsidence of Land**

12. The Permittee shall prepare the site in such a manner as to prevent rutting or gouging of the ground surface. **PREVENTION OF RUTTING**
13. The Permittee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging. **VEHICLE MOVEMENT FREEZE-UP**

**26(1)(g) Use, Storage, Handling, and Ultimate Disposal of Any Chemical or Toxic Material**

14. At least seven days prior to the use of any chemicals that were not identified in the complete application, the Safety Data Sheets must be provided to the Board and an Inspector. **CHEMICALS**
15. The Permittee shall dispose of all Toxic Material as described in the approved Waste Management Plan. **WASTE CHEMICAL DISPOSAL**
16. The Permittee shall dispose of all Waste petroleum products by removal to an approved disposal facility or by incineration in a device designed for this purpose, as described in the approved Waste Management Plan. **WASTE PETROLEUM DISPOSAL**

**26(1)(h) Wildlife and Fish Habitat**

17. The Permittee shall take all reasonable measures to prevent damage to wildlife and fish Habitat during this land-use operation. **HABITAT DAMAGE**



**26(1)(i) Storage, Handling, and Disposal of Refuse or Sewage**

- |     |                                                                                                                                                                                                                                                                                                                         |                                   |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 18. | The Permittee shall adhere to the <b>Waste Management Plan</b> , once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations, technology, chemicals, or fuels, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval. | <b>WASTE<br/>MANAGEMENT</b>       |
| 19. | The Permittee shall keep all garbage and debris in a secure container until disposal.                                                                                                                                                                                                                                   | <b>GARBAGE CONTAINER</b>          |
| 20. | The Permittee shall dispose of all Sewage and Greywater as described in the approved Waste Management Plan.                                                                                                                                                                                                             | <b>SEWAGE DISPOSAL -<br/>PLAN</b> |

**26(1)(j) Protection of Historical, Archaeological, and Burial Sites**

- |     |                                                                                                                                                                                                                                                                                                                                        |                                            |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 21. | The Permittee shall not operate any vehicle or equipment within 100 metres of a known or suspected historical or archaeological site or burial ground.                                                                                                                                                                                 | <b>ARCHAEOLOGICAL<br/>BUFFER</b>           |
| 22. | The Permittee shall not knowingly remove, disturb, or displace any archaeological specimen or site.                                                                                                                                                                                                                                    | <b>SITE DISTURBANCE</b>                    |
| 23. | The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered:<br><br>a) immediately suspend operations on the site; and<br>b) notify the Board at (867) 669-0506 or an Inspector at (867) 695-2626, and the Prince of Wales Northern Heritage Centre at 767-9347 ext. 71250 or ext. 71251. | <b>SITE DISCOVERY AND<br/>NOTIFICATION</b> |

**26(1)(k) Objects and Places of Recreational, Scenic, and Ecological Value**

*Intentionally left blank*

**26(1)(l) Security Deposit**

- |     |                                                                                                                                                    |                                                  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 24. | Prior to the commencement of the land-use operation, the Permittee shall deposit with the Minister a security deposit in the amount of \$5,800.00. | <b>SECURITY DEPOSIT</b>                          |
| 25. | All costs to remediate the area under this Permit are the responsibility of the Permittee.                                                         | <b>RESPONSIBILITY FOR<br/>REMEDICATION COSTS</b> |

**26(1)(m) Fuel Storage**

- |     |                                                                                                                                |                     |
|-----|--------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 26. | The Permittee shall:<br><br>a) examine all Fuel Storage Containers and Tank for leaks; and<br>b) repair all leaks immediately. | <b>REPAIR LEAKS</b> |
|-----|--------------------------------------------------------------------------------------------------------------------------------|---------------------|

27.	The Permittee shall place Fuel Storage Containers and or Tanks a minimum of 100 metres from the Ordinary High Water Mark of any Watercourse, unless otherwise authorized in writing by an Inspector.	<b>FUEL STORAGE SETBACK</b>
28.	The Permittee shall ensure that all fuel caches have adequate Secondary Containment.	<b>FUEL CACHE SECONDARY CONTAINMENT</b>
29.	The Permittee shall set up all refueling points with Secondary Containment.	<b>SECONDARY CONTAINMENT – REFUELING</b>
30.	The Permittee shall not allow petroleum products to spread to surrounding lands or Watercourses.	<b>FUEL CONTAINMENT</b>
31.	The Permittee shall locate mobile fuel facilities on land when the facilities are stationary for more than 12 hours.	<b>FUEL ON LAND</b>
32.	The Permittee shall mark all Fuel Storage Containers and Tanks with the Permittee's name.	<b>MARK CONTAINERS AND TANKS</b>
33.	The Permittee shall mark all stationary fuel caches and fuel storage facilities with flags, posts, or similar devices so that they are at all times plainly visible to local vehicle travel.	<b>MARK FUEL LOCATION</b>
34.	Within ten days of the establishment of any fuel cache, the Permittee shall report the location and quantity of the cache in writing to the Board and an Inspector.	<b>REPORT FUEL LOCATION</b>
35.	The Permittee shall seal all outlets of Fuel Storage Containers and store the containers on their sides with the outlets located at 3 and 9 o'clock, except for containers currently in use.	<b>SEAL OUTLET</b>
36.	The Permittee shall adhere to the <b>Spill Contingency Plan</b> , once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations, technology, chemicals, or fuels, or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval.	<b>SPILL CONTINGENCY PLAN</b>
37.	Prior to commencement of the land-use operation the Permittee shall ensure that spill-response equipment is in place to respond to any potential spills.	<b>SPILL RESPONSE</b>
38.	All equipment that may be parked for two hours or more, shall have a haz-mat/drip tray under it or be sufficiently diapered. Leaky equipment shall be repaired immediately.	<b>DRIP TRAYS</b>
39.	The Permittee shall clean up all leaks, spills, and contaminated material immediately	<b>CLEAN UP SPILLS</b>

40. During the period of this Permit, if a spill occurs or is foreseeable, the Permittee shall: **REPORT SPILLS**
- a) implement the approved Spill Contingency Plan;
  - b) report it—immediately using the NU-NT Spill Report Form by one of the following methods:
    - Telephone: (867) 920-8130
    - Fax: (867) 873-6924
    - E-mail: [spills@gov.nt.ca](mailto:spills@gov.nt.ca)
    - Online: Spill Reporting and Tracking Database
  - c) within 24 hours, notify the Board and an Inspector; and
  - d) within 30 days of initially reporting the incident, submit a detailed report to the Board and an Inspector, including descriptions of causes, response actions, and any changes to procedures to prevent similar occurrences in the future. Any updates to this report shall be provided to the Board and an Inspector in writing as changes occur.

**26(1)(n) Methods and Techniques for Debris and Brush Disposal**

*Intentionally left blank*

**26(1)(o) Restoration of the Lands**

41. Prior to the end of the land-use operation, the Permittee shall complete all cleanup and restoration of the lands used. **FINAL CLEANUP AND RESTORATION**
42. The Permittee shall carry out Progressive Reclamation of disturbed areas as soon as it is practical to do so. **PROGRESSIVE RECLAMATION**

**26(1)(p) Display of Permits and Permit Numbers**

43. The Permittee shall display a copy of this Permit in each campsite established to carry out this land-use operation. **DISPLAY PERMIT**

**26(1)(q) Biological and Physical Protection of the Land**

44. If any plan is not approved by the Board, the Permittee shall revise the plan according to the Board’s direction and re-submit it to the Board for approval. **RESUBMIT PLAN**
45. The Permittee shall adhere to the **Engagement Plan**, once approved, and shall annually review the plan and make any necessary revisions to reflect changes in operations or as directed by the Board. Revisions to the plan shall be submitted to the Board for approval. **ENGAGEMENT PLAN**
46. All revised plans submitted to the Board shall include a brief summary of the changes made to the plan. **SUMMARY OF CHANGES**



**Mackenzie Valley Land and Water Board**  
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**P.O. Box 2130**  
**YELLOWKNIFE NT XIA 2P6**  
**Phone (867) 669-0506**  
**FAX (867) 873-6610**

**Reasons for Decision**

Issued pursuant to paragraph 40(2)(c) of the Mackenzie Valley Land Use Regulations (MVLUR) and section 121 of the *Mackenzie Valley Resource Management Act* (MVRMA)

Land Use Permit Application	
<b>Preliminary Screener</b>	MVLWB
<b>Reference/File Number</b>	MV2019J0019
<b>Company</b>	Redbed Resources Corp.
<b>Project</b>	Camp Establishment – Coates Lake Area, NT
<b>Date of Decision</b>	August 29, 2019

These Reasons for Decision set out the Mackenzie Valley Land and Water Board’s (the Board or MVLWB) decision on an Application made by Redbed Resources Corp. (Redbed) to the Board on June 28, 2019 for Land Use Permit (Permit) MV2019J0019.

**1.0 Background**

The Redstone property was extensively drilled in 1960-1980 by:

- Redstone Mines Ltd.: geological mapping and 45 diamond drill holes totaling 6,902m;
- Cerro Mining Company of Canada Ltd: 3 diamond drill holes totaling 1,375m; and,
- Shell Canada Resources Ltd.: 8 diamond drill holes for a total of 7,225m.

In 1990, Redstone Mines Limited carried out a complete data review, confirmation mapping, identification of drill targets, and location of potential drill sites. In 2005 Lumina Resources Corp. completed an exploration program and a regional geological evaluation of the Redstone copper belt. Western Copper Corporation acquired Lumina Resources in November 2006 ([MV2005C0005](#)).

The claims and leases were acquired by Copper North Mining following the corporate re-structuring of Western Copper in late 2011. Copper North Mining Corp., through its wholly owned subsidiary Redbed Resources Corp., held the mineral claims and leases that are commonly known as the Redstone Property up until recently. They also hold a Land Use Permit for the establishment of a camp to support non-intrusive mineral exploration ([MV2012J0017](#))

In April 2019, Copper North sold Redbed Resources Corp. to H. Coyne & Sons Ltd.

On June 28, 2019, Redbed Resources Corp. applied for the continued operation of a camp located in the Coates Lake area to support mineral exploration including geological mapping, rock chip sampling, and soil sampling. Work will be based at the Coates Lake camp. All transportation from the camp to the working areas will be by helicopter and all travel on the ground will be on foot.

Fuel required for the exploration program will include:

- diesel, to run the generator and heat the tents;
- Jet A/A-1, for the helicopter and turbine engine fixed wing aircraft;
- unleaded gasoline to run the water pump; and
- propane to heat water and fuel the kitchen stove.

Water will be used for daily camp cooking, laundry and shower needs. Estimated water usage for the camp is 500 litres per day (0.5m<sup>3</sup> /day).

A temporary floating dock (“T”-shaped, approximately 4m long, with a 4m wide T, and 1.5m wide decking) will be located on Coates Lake to facilitate loading and unloading of float planes. The dock is constructed and will be installed in accordance with the Department of Fisheries and Oceans Dock and Boathouse Construction Operational Statement. Access to the property is by chartered helicopter or fixed wing aircraft, either float or wheel equipped, from Fort Simpson, Wrigley, Tulita, Norman Wells, or the Cantung Mine. The Coates Lake camp infrastructure also includes an approximately 1,100ft long airstrip located approximately 3.9km SSE of the camp that was constructed in the 1960’s. The project takes place in both the Deh Cho Region as well as the Sahtu Settlement Area.

Redbed has requested a term of five years.

On July 2, 2019, additional information was requested from Redbed to complete the Application. The additional information was submitted to the Board on July 15, 2019. On July 18, 2019 the Application was deemed complete and the review commenced. The Application was distributed to the Deh Cho Region organization as well as organizations within the Sahtu Settlement Area.

## **2.0 Public Review**

By August 8, 2019, comments and recommendations on the Application received from five reviewers:

- Fisheries and Oceans Canada;
- GNWT – Environment and Natural Resources;
- GNWT Lands (Inspector); and
- GNWT – Lands (North Slave Region)
- GNWT – Lands.

Redbed responded by August 10, 2019. There were no concerns identified during the review of this Application.

## **3.0 Adequacy of Management Plans**

A Waste Management Plan, Spill Contingency Plan, and Engagement Plan were included with the Application.

## **4.0 Security**

Redbed completed the Board’s reclamation security worksheet submitted similar information in the Application and determined a total reclamation cost of \$14,306.98. The GNWT-Inspector did not recommend security during the public review; however they did provide clarification to the estimate

submitted by Redbed. The previous Permit MV2012J0017 did require security to be posted. The table below summarizes the differences between these estimates.

**Table 1: Security estimate summary:**

Line Item	Redbed estimate	Board's estimate	Notes
Camp (C1)	\$747.60	\$1,477.50	The difference is the classification of tent frames or weather havens as well as the total square metres of temporary structures.  In the comments provided by GNWT-Lands the calculation was the same as Board staffs.
Regulated/Hazardous Materials (R1)	\$0.00	\$0.00	-
Hydrocarbon Storage and Transfer (H1)	\$1,819.38	\$1,819.38	-
Land Disturbance (L1)	\$1,040.00	\$1,040.00	-
Equipment (E1)	\$10,700.00	\$200.00	Redbed assumed all fuel is used that is brought on site and all empties removed.  This line item is typically used for the establishment of larger storage tanks.
<b>Total</b>	<b>\$14,306.98</b>	<b>\$5,784.52</b>	

\*The numbers in these columns do not directly add up because of multipliers (for site access, performance, and environmental risks) in the Board's security template

## 5.0 Decision

In rendering its decision, the Board is satisfied that:

- notice of the Application was given in accordance with sections 63 and 64 of the MVRMA. The Board is satisfied that a reasonable period of notice was given to communities and First Nations so comments could be provided to the Board;
- the development was screened by the MVLWB on July 19, 2012 pursuant to subsection 124(1) of the MVRMA and has therefore been exempt from screening pursuant to Part 1(2) of Schedule 1 (Section 2) of the Exemption List Regulations;
- any potential adverse environmental effects are insignificant or mitigable with known technology; and,
- there is no likelihood that the proposed development might be a cause of public concern.

After reviewing the evidence and submissions of the Redbed Resources Corp., the written comments and submissions received by the Board and the Staff Report prepared for the Board, the Board, having due regard to the facts, circumstances, the merits of the submissions made to it, and to the purpose, scope, and intent of the MVRMA and Regulations made thereunder, has determined that Land Use Permit

MV2019J0019 be issued subject to the term, scope, definitions, and conditions contained therein. The Board's determinations and reasons for this decision are set out below.

- The Board is satisfied that appropriate consultation has been conducted and that advice has been sought and considered, in accordance with sections 63 and 64 of the MVRMA.
- The Board has met referral obligations to the Sahtu Land Use Planning Board as outlined in section 61 of the MVRMA. The project is in conformity with the Land Use Plan.
- The use of land proposed by the Applicant is of a nature contemplated by the MVRMA.
- The operation will likely contribute to the socio-economic well-being and economic development of the region.
- The Board has reviewed the information contained in the August 11, 2019 Staff Report regarding environmental impacts and/or public concerns.
- The scope of the Permit ensures Redbed Resources Corp. is entitled to conduct activities which have been applied for and screened by the Board. In setting the scope, the Board endeavored to provide enough detail to identify and describe the authorized activities without being unduly restrictive or prescriptive, and to allow for project flexibility throughout the life of the Permit.
- The conditions set forth in the Permit have been imposed to address the Board's statutory responsibilities and ensure the land-use operation is conducted in a manner which ensures impacts to surrounding lands and waters are minimized.
- The Board has determined that implementing a security of \$5,800.00 is appropriate for a project of this nature and potential risk, as based in its closure cost worksheet.
- The Board has approved the Waste Management, Spill Contingency and Engagement Plan because they meet the applicable guidelines and sufficiently reflect the scope of the proposed activities.
- The definitions and conditions in the Permit are from the MVLWB's *Standard Land Use Permit Conditions Template* (Standard Template), and are not discussed in detail in these reasons unless notable due to recommendations or concerns raised by reviewers.

## 6.0 Conclusion

Land Use Permit MV2019J0019 contains provisions that the Board deems necessary to ensure and monitor compliance with the MVRMA and the Regulations made thereunder, and to provide appropriate safeguards in respect of Redbed Resources Corp.'s use of the land affected by the Permit.

SIGNATURE

Mackenzie Valley Land and Water Board



Mavis Cli-Michaud, Chair

August 29, 2019

Date