

Mackenzie Valley Land and Water Board



LAND USE PERMIT APPLICATION FORM

Subsection 19(2) and Schedule 2 of the [Mackenzie Valley Land Use Regulations](#)

Use an "x" to indicate which Board the Application is being made to:	Mackenzie Valley Land and Water Board:	<input checked="" type="checkbox"/>	Sahtu Land and Water Board:	
	Wek'èezhì Land and Water Board:		Gwich'in Land and Water Board:	

To complete this Form, please refer to the MVLWB [Guide to the Land Use Permitting Process \(Guide\)](#) and fill in the grey fields; attach additional pages if necessary. Please review the following guidance for formatting your Application Package:

- [Document Submission Standards](#)
- [Standard Outline for Management Plans](#)



Received: July 23, 2020

File #: MV2020A0009

If applicable, reference the existing or current Land Use Permit file number:	MV2013A-0012	Copied to: <u>AL/Reg</u>
Use an "x" to indicate if this Application is accompanied by an Application for a Water Licence:	Water Licence – in a non-federal area:	<input checked="" type="checkbox"/>
	Water Licence – in a federal area:	

1. NAME AND CONTACT INFORMATION – APPLICANT

Applicant's Name:	Paramount Resources Ltd. (Terence Hughes)		
Position:	Regulatory and Community Affairs Advisor		
Mailing Address:	Suite 2800, 421 7 th Avenue SW		
Community:	Calgary	Telephone:	403-206-3859
Prov/Terr:	Alberta	Email:	terence.hughes@paramountres.com
Postal Code:	T2P 4K9	Other:	403-261-1214 (Fax)

2. NAME AND CONTACT INFORMATION – APPLICANT'S HEAD OFFICE

Please include a Certificate of Corporate Registration from the Government of the Northwest Territories in your Application Package.

Name:	Same as above		
Mailing Address:	Same as above		
Community:	Same as above		
Prov/Terr:	Same as above	Telephone:	403-290-3600
Postal Code:	Same as above	Email:	info@paramountres.com
Field Supervisor:	To be determined	Other:	403-261-1214 (Fax)

3. NAME AND CONTACT INFORMATION – CONTRACTORS AND SUB-CONTRACTORS

Please include relevant names, responsibilities, and contact information. An additional table should be added for each contractor and subcontractor.

Name:	To Be Determined		
Company Name:			
Mailing Address:			
Community:		Telephone:	
Prov/Terr:		Email:	
Postal Code:		Other:	

4. LOCATION OF ACTIVITIES

Maps and Geographic Information System (GIS) Data: Attach a map to your Application Package indicating the locations of proposed activities, including waste deposits, watercourses, and water sources. Provide latitude and longitude geographic coordinates of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees. Attach GIS data to your Application Package, if applicable. Refer to the MVLWB [Guideline for Geographic Information Systems \(GIS\) Submission Standard](#) for providing geographic information.

Minimum latitude:	60° 20' N	Maximum latitude:	60° 30' N
Minimum longitude:	123° 15' W	Maximum longitude:	123° 30' W

NTS Map Sheet No.: Provide the map sheet number:

95B

Land Types: Use an “x” to indicate the type(s) of the land on which the activities are proposed.

Free Hold/ Private:		Commissioner’s/ Territorial Lands:	X	Federal Land:		Municipal Land:	
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5. ELIGIBILITY

Please refer to section 18 of the [Mackenzie Valley Land Use Regulations](#). Use an “x” to indicate which one applies.

18(a)(i):	X	18(a)(ii):		18(a)(iii):		18(b):	
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6. RIGHTS AND/OR CONTRACTS TO SUPPORT ELIGIBILITY

Please contact federal, territorial, and Aboriginal governments, and other parties to ensure all appropriate rights, authorizations, permissions, dispositions, and contracts have been obtained or are in the process of being obtained (e.g. mineral exploration rights, quarry permits, licences of occupation, leases, access agreements and authorizations, etc.). List and provide confirmation of other authorizations that relate to your activities; include these to your Application Package (e.g. rights, permits, licences, etc.).

Production Licence 09 Production Licence 11 Significant Discovery Licence 099

7. PERMIT TYPE AND CRITERIA

Please refer to sections 4 and 5 of the [Mackenzie Valley Land Use Regulations](#). Use an “x” to indicate which permitting criteria apply:

Type A				Type B				Type C	
4(a)(i):		4(b)(i):		5(a)(i):		5(b)(i):		(SLWB and WLWB only):	
4(a)(ii):	X	4(b)(ii):	X	5(a)(ii):		5(b)(ii):			
4(a)(iii):	X	4(b)(iii):	X	5(a)(iii):					
4(a)(iv):	X	4(b)(iv):	X	5(a)(iv):					
4(a)(v):	X			5(a)(v):					
				5(a)(vi):					

8. PROJECT DESCRIPTION

Please include your project description in your Application Package, or for small-scale projects, describe your proposed activities in the grey field provided below. Include the elements identified in subsection 19(3) of the [Mackenzie Valley Land Use Regulations](#), the name and type (e.g., lake, river) of water source(s), and the purpose and quantity of water to be used (rates, volumes (m³/day)). Indicate the total

See attachment A.

number of hectares to be used in each phase of the project, as well as through the life of the project.

9. CAMP

Please describe the proposed camp size and layout. Indicate the number of person-days; explain, with

See attachment for layout. Camp would be for approximately 50 people and would be utilized for road maintenance, recompletion, suspension, abandonment or reactivation activities. Activities would last between three weeks up to 2 months. Maximum person days is estimated to be 3000 person days

rationale, any variations in the number of people that may be on site over the life of the project.

10. ROADS AND ACCESSES

Please include detailed information about the construction, location, and decommissioning of any roads and accesses.

Use an “x” to indicate if this is to be a pioneered road or access.	Yes		Use an “x” to indicate if the route has been laid out or ground-truthed.	Yes	X
	No			No	

Access roads are existing, see attached project map and document.

11. WASTE MANAGEMENT METHODS

Please use the grey fields below to provide or reference the following information:

Waste Management Plan: Include your Waste Management Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed waste management activities in the grey fields provided below. A template for the Plan can be found in the MVLWB [Guidelines for Developing a Waste Management Plan](#).

Waste Type	Management Method(s)
Garbage:	See attached Waste Management Plan
Sewage (Sanitary and greywater):	
Brush and trees:	
Overburden (Organic soils, waste material, etc.):	

Off-site Disposal: If waste is proposed to be disposed of off-site within the NWT, written confirmation (e.g., an email, letter, etc.) from the facility/facilities indicating they will accept the waste is required. Include it/these in your Application Package.

No off-site disposal within the NWT is planned.

12. EQUIPMENT

Please identify the types of equipment proposed to be used.

Number	Type/Description	Size (weight in tonnes)	Proposed use
	See attachment A		

13. FUEL

Please identify all fuel types proposed to be used.

Type of Fuel	Number of containers	Capacity of containers (e.g., litres, pounds)	Type of container (barrel, tank, tidy-tank)	Proposed storage or staging location(s)
Diesel (temporary):	6	400-barrel tank	Tank	Wells sites, camps and Staging Areas
Gasoline (temporary):	6	400-barrel tank	Tank	Wells sites, camps and Staging Areas
Aviation Fuel:	N/A			
Propane (temporary):	5	100 pounds	Bottles	Well sites, camp sites and Staging Areas
Propane:	11	1000 gallons	Tank	K-29 and F-25

14. METHODS OF FUEL TRANSFER

Please describe the proposed methods to transfer fuel.

Fuel will be stored according to *Directive 55: Storage Requirements for the Upstream Petroleum Industry* (ERCB, 2001) and transferred from fuel transport trucks to storage tanks and from storage tanks to equipment, vehicles or other suitable receptacles by a standard steel line fuel pump and hose, hand pump or gravity feed.

At storage locations, the spill prevention and response measures listed below will be in place.

- Paramount will establish designated hazardous material storage and transfer areas that are $\geq 100\text{m}$ from any local high water mark, unless otherwise authorized in writing by a Land Use Inspector and are not connected to water bodies by a steep grade.
- According to Workplace Hazardous Materials Information System (WHMIS) and/or Transportation of Dangerous Goods (TDG) standards, signs will be posted at all designated hazardous material storage and transfer areas with the product name, TDG placard and signs warning of danger (*e.g.*, no smoking, hydrogen sulphide, poisonous gas, *etc.*).
- Designated hazardous material storage and transfer areas will have secondary containment (*i.e.*, berms or doubled-walled tanks) and/or will be equipped with drip trays, spill pads and/or mats. Holding capacity of berms will be 110% capacity of the largest storage container. Hazardous material storage tanks with a capacity greater than 4000 L will have secondary containment.
- Designated hazardous material transfer areas will be equipped with drip trays, spill pads and/or mats.

Maintenance (*e.g.*, oil changes, re-fuelling, lubricating, *etc.*) of mobile equipment will not be conducted within 100 m of any local high water mark. Maintenance of immobile equipment may be required within 100 m of a local high water mark. In such circumstances, Paramount will adhere to the following measures to mitigate potential negative environmental impacts.

- Hydraulic, fuel and lubrication systems of maintenance equipment will be inspected prior to commencing work to ensure they are not leaking.
- A minimum of 10 kg of suitable commercial absorbent material, as well as absorbent pads and absorbent booms suitable for fuel spill containment cleanup on open water, will be available.
- Containers, hoses and nozzles will be free of leaks.

Operators will be stationed at both ends of the hose during fuelling unless the ends are visible and readily accessible by one operator.

15. SPILL CONTINGENCY PLAN

Please include your Spill Contingency Plan in the Application Package, if applicable, or for small-scale projects, provide relevant details in the grey field provided below. An example of a Plan can be found in the INAC [Guidelines for Spill Contingency Planning](#).

See attached.

16. PROPOSED TIME SCHEDULE

Indicate the proposed project start and completion dates and the time of year the project activities are planned to occur. Describe any anticipated temporary closure(s) or seasonal shutdowns. Refer to subsections 26(5) and (6) of the [Mackenzie Valley Land Use Regulations](#); indicate the term requested.

Start Date:	November 1, 2020	Completion Date:	October 31, 2025
Term of Permit Requested:	5 years		

17. POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AND PROPOSED MITIGATIONS

Please use the grey field below to provide or reference the following information:

Preliminary Screening: Describe all potential impacts and proposed mitigations. This information is used for the preliminary screening of potential impacts from the project and/or to develop conditions for the land use permit. Please indicate whether any of the mitigation measures have been developed as a result of input from affected parties. Additional guidance is provided in [Appendix B of the MVLWB Guide to the Land Use Permitting Process](#), the [Mackenzie Valley Review Board Environmental Impact Assessment Guidelines](#), and the [Mackenzie Valley Review Board Socio-Economic Impact Guidelines](#). Alternatively, if you are seeking an exemption from preliminary screening, provide supporting rationale.

Project was subject of an assessment process and has had multiple permits and licences. Paramount Resources Ltd. ("Paramount") requests the application be exempt from preliminary screening.

Wildlife Management and Monitoring Plan: Applicants are encouraged to contact the Wildlife Division of the Government of the Northwest Territories – Environment and Natural Resources, prior to applying, to determine whether a Wildlife Management and Monitoring Plan may be needed.

18. CLOSURE AND RECLAMATION

Please use the grey field below to provide or reference the following information:

Closure and Reclamation Plan: Describe your plans for closure and reclamation, including any temporary closure(s) and seasonal shutdowns. Include your Closure and Reclamation Plan in your Application Package, if applicable, or for small-scale projects, describe the proposed activities in the grey field provided below. Please also refer to the MVLWB/AANDC [Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories](#).

Closure Cost Estimate: Prepare a [Closure Cost Estimate](#) and include it in your Application Package. Applicants are encouraged to contact the Board, prior to applying, to determine which closure-cost-estimate template is most suited to the activities being applied for. Guidance is provided in section 2.2 of the MVLWB/INAC/GNWT [Guidelines for Closure and Reclamation Cost Estimates for Mines](#). If your Application is submitted concurrently with a Water Licence Application, please ensure water- and land-related activities and liabilities are provided.

Closure and reclamation is not expected during the term of this permit. Paramount currently has security posted for the Liard West project via its current Land Use Permit and Water Licence. Paramount would suggest that security remain posted and the Letter of Credits be amended to reflect the new permit and licence numbers. Paramount currently has another significant security posted for Liard West with the Government of the Northwest Territories.

19. ADDITIONAL SUPPORTING INFORMATION

Please use the grey field below to provide or reference the following information:

Engagement: Conduct engagement, prepare an Engagement Record and Engagement Plan in accordance with the MVLWB [Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits](#), and include them in your Application Package. Templates are provided in the Guidelines. Please also refer to [Information for Proponents on MVLWB's Engagement Requirements](#).

Land Use Planning: Please contact the applicable Land Use Planning Board or Tłı̨chǫ Government to discuss conformity with the relevant land use plan(s). Attach your Land Use Plan Conformity Table that demonstrates how the project meets the requirements of the Land Use Plan, if applicable.

Traditional (Environmental) Knowledge (TEK/TK): Provision of TEK/TK is mandatory for applications to the Sahtu Land and Water Board. Other applicants are strongly encouraged to include TEK/TK.

Studies Undertaken to Date: Please list any relevant studies that support the proposed activities and include them in your Application Package.

See attachment a and attached engagement plan/materials. Studies undertaken include documentation filed in support of MV2001L-0011 and EA 99-0086, and subsequent monitoring reports filed under subsequent Water Licences and Land Use Permits


20. FEES

Please refer to section 20 of the [Mackenzie Valley Land Use Regulations](#).

Type of Fee	Amount (\$)
Application fee:	\$150.00
Land-use fees (for federal areas only):	
Total Fees:	\$150.00

21. SIGNATURE

Terence Hughes Paramount Resources Ltd.	Regulatory and Community Affairs Advisor
Applicant's Name (print) or Company Name	Position (print)

	July 24, 2020
Signature	Date

Please submit completed applications to the Regulatory Manager or Executive Director at the respective Land and Water Board (www.mvlwb.com, www.wlwb.ca, www.slwb.com, www.glwb.com).