

Land and Water Boards of the Mackenzie Valley



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:	X	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, as necessary. Indicate N/A in the grey fields for Items or parts of Items that are not applicable. Review the following MVLWB guidance for formatting your Application Package:

- Document Submission Standards
- Standard Outline for Management Plans

If applicable, provide the existing or current Land Use Permit file number:	MV2021Q0013	
Use an "X" to indicate if this Application is accompanied by an Application for a Water Licence:	Water Licence – in a non-federal area:	
	Water Licence – in a federal area:	

1. NAME AND CONTACT INFORMATION – APPLICANT

Applicant's Name:	Raine Trucking Ltd. (Ryan Patterson)		
Position:	Owner/Operator		
Mailing Address:	6 Stewart Drive		
Community:	Hay River	Telephone:	867-875-8390
Prov/Terr:	NT	Email:	admin@rainetrucking.com
Postal Code:	X0E0R3	Other:	

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

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

Use an "X" to indicate if this information is the same as Item 1 above:	X
Name:	

Position:			
Mailing Address:			
Community:			
Prov/Terr:		Telephone:	
Postal Code:		Email:	
Field Supervisor:		Other:	

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

Include relevant names, responsibilities, and contact information. An additional table should be added for each contractor and sub-contractor.

Name:			
Position:			
Company Name:			
Mailing Address:			
Community:		Telephone:	
Prov/Terr:		Email:	
Postal Code:		Other:	

4. LOCATION OF ACTIVITIES

Use the grey fields below to provide or reference the following information:

Maps and Geographic Information System (GIS) Data: Include a map in your Application Package identifying local geographic features, watercourses and water sources, project structures, and location(s) of any proposed waste deposits. Provide geographic coordinates (latitude and longitude) of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees. Include GIS data in your Application Package, if applicable. Refer to the MVLWB *Guideline for Geographic Information Systems (GIS) Submission Standard* for providing geographic information.

Minimum latitude:	60°41'12.15"N	Maximum latitude:	60°41'12.36"N
Minimum longitude:	115°05'47.85"W	Maximum longitude:	115°05'32.59"W

NTS Map Sheet No.: Provide the map sheet number: 85B/11

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

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

Contact federal, territorial, and Indigenous 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; reference these in your Application Package (e.g. rights, permits, licences, etc.).

7. PERMIT TYPE AND CRITERIA

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):	4(b)(ii):	5(a)(ii):	5(b)(ii):		
4(a)(iii):	4(b)(iii):	5(a)(iii):			
4(a)(iv):	X 4(b)(iv):	5(a)(iv):			
4(a)(v):	X	5(a)(v):			
		5(a)(vi):			

8. PROJECT DESCRIPTION

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

Raine Trucking Ltd. is proposing to quarry at a multi-user pit development area located on the south side of Hwy#5 at km 44.5. We have applied to remove 2000 cubic meters of pit run, which will be approximately 1.75ha.

Phase 1: Clear area, keep over burden one cat blade width from the standing trees on the south side. Keep timbers etc. separated until it is safe to do so and we can get a burn permit, which will result in total disposal.

Phase 2: Load and haul pit run to our company lot located at 55 Dean Drive.

Phase 3: Prior to the land use permit expiring, the quarry will be sloped with a 2:1 horizontal/vertical ratio, and all stored over burden will be spread in the quarry area to promote vegetation and regrowth.

9. CAMP

Describe the proposed camp size and layout. Indicate the number of person-days; explain, with rationale, any variations in the number of people that may be on site over the life of the project.

No camp will be set up. Close enough to Hay River, to travel back and forth.

10. ROADS AND ACCESSES

Provide 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	X	Use an "X" to indicate if the route has been laid out or ground-truthed:	Yes	X
	No			No	

There is an existing access road to the multi user pit which departs Hwy# 5, at km 44.5. It is approximately 3.42km long by 15m wide.

11. PROPOSED WASTE MANAGEMENT METHODS

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 your 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:	No garbage will be brought to site.
Sewage (Sanitary and greywater):	No sewage on site.
Brush and trees:	Fully depleted through burning.
Overburden (Organic soils, waste material, etc.):	Windrowed to the North side, to be spread before permit expires to promote vegetation and regrowth.

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. Please note this information will be required by the Board prior to commencement of activities.

12. EQUIPMENT

Identify the types of equipment proposed to be used.

Number	Type/Description	Size (weight in tonnes)	Proposed use
1	EX230 Excavator	25	Strip land & load trucks
1	D60-P	23	Strip land & stockpile
1	T800 Kenworth	14	Haul material
1	End Dump	9	Haul material
1	Belly Dump	9	Haul material

13. FUEL

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:	1	600 litres	Tidy-tank, double walled	Box of pick up, fueling will take place on flat, level ground, to help prevent any spills.
Gasoline:				
Aviation Fuel:				
Propane:				
Other: (describe)				

14. METHODS OF FUEL TRANSFER

Describe the proposed methods to transfer fuel.

Electronic GPI nozzle pump with automatic shut off, attached to the tidy-tank in the box of a pick up.
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15. SPILL CONTINGENCY PLAN

Include your Spill Contingency Plan in your Application Package, if applicable, or for small-scale projects, provide relevant details in the grey field provided below. An example of this Plan can be found in the INAC *Guidelines for Spill Contingency Planning*.

Please see attached.

16. PROPOSED PROJECT SCHEDULE AND TERM

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. Indicate the term requested.

Start Date:	June 2021	Completion Date:	June 2026
Term of Permit Requested:	5 Years		

17. POTENTIAL ENVIRONMENTAL IMPACTS OF THE PROJECT AND PROPOSED MITIGATIONS

Using the Impact-Mitigation Table below, or the more detailed Table in Appendix D of the *Guide*, identify all potential impacts and possible mitigations that are relevant to the proposed project, and indicate whether any of the mitigation measures have been developed as a result of input from affected parties. Possible potential impacts are listed below; however, these lists are not exhaustive and may not apply to all projects. All information provided should reflect the size, scale, and nature of the proposed project. Cumulative impacts and climate change must be considered. Attach additional pages if needed.

Potential Impacts <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
ABIOTIC COMPONENTS		
Land		
Soil contamination	X	Use drip trays, pre, during, and post inspections.
Soil compaction	X	Small scale area, minimal impact.
Destabilization/erosion		
Change in soil structure		
Inability to support vegetation		
Other		
Water		
Groundwater		
Water table alteration		
Infiltration changes		

Potential Impacts <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
Changes in water quality		
Temperature changes		
Other		
Permafrost		
Loss or change in extent		
Changes in seasonal fluctuations		
Change in persistence		
Other		
Surface Water		
Water flow or level changes (permanent, temporary, seasonal)		
Drainage pattern changes		
Temperature changes		
Changes in water quality		
Wetland impairment		
Changes to aquatic habitat (see Biotic section below)		
Other		
Air		
Changes in air quality		
Harm to living things		
Increased greenhouse gases		
Other		
BIOTIC COMPONENTS		
Vegetation		
Direct loss of vegetation	X	Area to be cleared is small timber <4", all overburden will be separated, and saved for when the pit is depleted to be spread over area to promote vegetation growth.
Loss of Species at Risk or may-be-at-risk plants		
Change in species composition		
Introduction of non-native (invasive) species		
Effects on plant health (dust, metals, toxins)		
Increased risk of fire		
Compaction of vegetation		
Other		
Terrestrial Wildlife Habitat		
Direct loss or removal of habitat, dens, or nests	X	Minimal animal habitat in area, as it is second growth jack pine.
Loss or removal of keystone species and/or Species at Risk habitat		
Fragmentation of wildlife corridor		
Direct injury or mortality		
Disturbances to key lifecycle stages: breeding, feeding,		

Potential Impacts <i>Use an "X" to indicate which apply</i>	X	Potential Project Impacts and Proposed Mitigations <i>Describe the potential impact(s) and the proposed measure(s) to reduce each of these impacts.</i>
nesting, staging		
Effects on population abundance		
Change in species diversity		
Effects on wildlife health (toxins, metals, etc.)		
Changes to migratory movement patterns		
Changes to predator-prey relationships		
Human-wildlife conflicts		
Other		
Aquatic Habitat		
Breeding disturbances		
Change in species diversity		
Effects on health (toxins, metals, sediment, etc.)		
Changes to migratory movement patterns		
Changes to predator-prey relationships		
Effects on population abundance		
Change in species diversity		
Other		
CULTURAL COMPONENTS		
Wildlife Harvesting		
Loss or reduction in game species populations		
Effects on traditional land use, subsistence, and harvesting rights		
Other		
Cultural Integrity and Heritage Resources		
Change to or loss of cultural integrity		
Change to or loss of traditional lifestyle		
Change to or loss of heritage resource		
Other		
Social and Economic Well-being		
Increased human health hazard and risk		
Economic opportunities or losses (employment, training)		
Change in ecological, cultural, social, or economic values identified for protection in approved Land Use Plans		
Impairment of the recreational or traditional uses of the land or water		
Impairment of the aesthetic quality of the land or water		
Changes to the use of the area by other non-Indigenous people (e.g. trappers, outfitters, residents, hunters, forest harvesters, other authorized projects)		
Other		

18. CLOSURE AND RECLAMATION

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, the estimate should include a breakdown of water- and land-related activities and liabilities.

Prior to expiry of land use permit, the site will be contoured and sloped to a horizontal/vertical ratio of 2:1. All over burden stored on the North side will be spread over the site to promote vegetation growth. All brush and timbers will be fully depleted through burning, and any stockpiles left will be leveled out.

Please see attached for closure cost estimate.

19. ADDITIONAL SUPPORTING INFORMATION

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 Plans: Contact the applicable Land Use Planning Board or the Tłı̨chǫ Government to discuss conformity with the relevant land use plan(s). Include a Land Use Plan Conformity Table in your Application Package, demonstrating 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 SLWB. Other applicants are strongly encouraged to include TEK/TK.

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

As per my letter from Leslie Wiltzen dated April 14, 2021, I believe the engagement letter / plan was forwarded to the appropriate Indigenous Government Organizations for review, the comment due date was June 14, 2021, and I have had no further information sent to me.

20. FEES

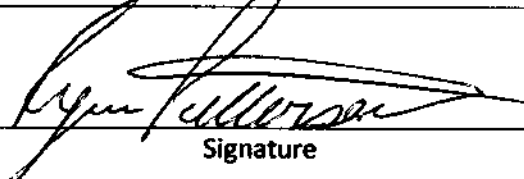
Refer to section 20 of the *Mackenzie Valley Land Use Regulations* for assistance in determining relevant fees.

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

Total Fees:	\$
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21. SIGNATURE

Ryan Patterson / Raine Trucking Ltd.	Owner/Operator
Applicant's Name (print) or Company Name	Position (print)

	June 16, 2021
Signature	Date

Please submit completed applications to the Regulatory Manager or Executive Director identified on the "Contact Us" pages of the respective Land and Water Board (www.mvlwb.com, www.wlwb.ca, www.slwb.com, www.glwb.com).

April 14, 2021

Mr. Ryan Patterson
Raine Trucking Ltd.
6 Stewart Drive
Hay River NT X0E 0R3

Dear Mr. Patterson:

Quarry Permit Application
LUP No.: Pending
Location: HR34-8, KM 44.5, NWT Highway No. 5

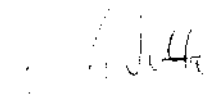
This letter acknowledges receipt of your quarry permit application dated March 28, 2021.

Your quarry fees in the amount of \$6262.50, including GST have been received under Receipt No. 256057.

On this date, the Department of Lands has forwarded your application to the appropriate Indigenous Government Organizations for review, with a comment due date of **June 14, 2021**. At the end of the review period, you will be notified.

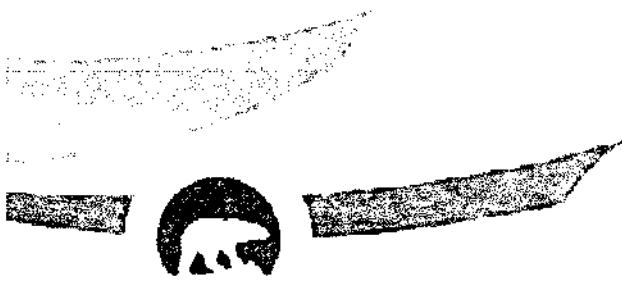
If you wish to discuss the status of your quarry permit application, please contact our Land Use Advisor, Charlene Coe, at (867) 767-9187 ext. 24194 or myself at (867) 872-2558 ext. 23.

Sincerely,



Leslie Wiltzen
Regional Superintendent
South Slave Region

- c. South Slave Region (Hay River), Department of Lands, GNWT
Mackenzie Valley Land and Water Board (MVLWB)



Government of Northwest Territories / Gouvernement des Territoires du Nord-Ouest

BUSINESS CORPORATIONS ACT / CERTIFICATE OF INCORPORATION

LOI SUR LES SOCIÉTÉS ACTIONS / CERTIFICAT DE CONSTITUTION

I HEREBY CERTIFY THAT the articles of

JE CERTIFIE PAR LA PRÉSENTE QUE les statuts de

RAINE TRUCKING LTD.

is this day incorporated under the Business Corporations Act of the Northwest Territories as set out in the attached Articles of Incorporation

est, ce jour, constituée en vertu de la Loi sur les sociétés par actions des Territoires du Nord-Ouest, tel qu'indiqué aux statuts constitutifs ci-joints.

Date of Incorporation / Date de la constitution

2017-06-28



Handwritten signature of Alana Akhiv

REGISTRAR OF CORPORATIONS / REGISTRAIRE DES SOCIÉTÉS PAR ACTIONS

QUARRY OPERATIONS PLAN

Raine Trucking Ltd.
Km 44.5, NWT Highway No. 5
Site HR34-8
March 15, 2021

LOCATION OF GRAVEL PIT

The proposed pit is located in the HR34 Multi-User Pit Development Area. The gravel deposit is located on the south side of NWT Highway No. 5 at Km 44.5 and encompasses Site HR 34-8. The gravel pit is a new site that has not been developed to date. The total proposed area for this site is 3.11 ha; pit dimensions are approximately 129m by 232m. Each corner post will be clearly marked with flagging tape and inspected by a Land Use Inspector prior to clearing. All marked corner posts will be left undisturbed during the duration of the land use operation.

Site HR34-8—Coordinates

NW Corner: 60°41'12.15"N 115°05'47.48"W
NE Corner: 60°41'12.36"N 115°05'35.82"W
SW Corner: 60°41'08.01"N 115°05'47.85"W
SE Corner: 60°41'07.77"N 115°05'32.59"W
Center of Pit: 60°41'09.82"N 115°05'40.49"W



Figure 1: Location of HR34-8 in relation to other operators within the HR34 Multi-User Pit.

CAMP

- The site is close enough to Hay River that a camp is not required.

RECLAMATION PLAN

- Prior to the expiry of the land use permit, the site will be contoured and sloped to a horizontal/vertical ratio of 2:1.
- Stored overburden will be spread over the site to promote vegetation growth.
- All brush and timber will be totally disposed of through burning.
- All stockpiles of pitrun gravel will be leveled prior to expiry of permit.

LOCATION OF PROPOSED OPERATION

Raine Trucking is applying for 2,000 m³ of pitrun gravel from HR34-8. To extract 2,000 m³ of gravel, it is anticipated that only Site A of HR34-8 will be cleared.

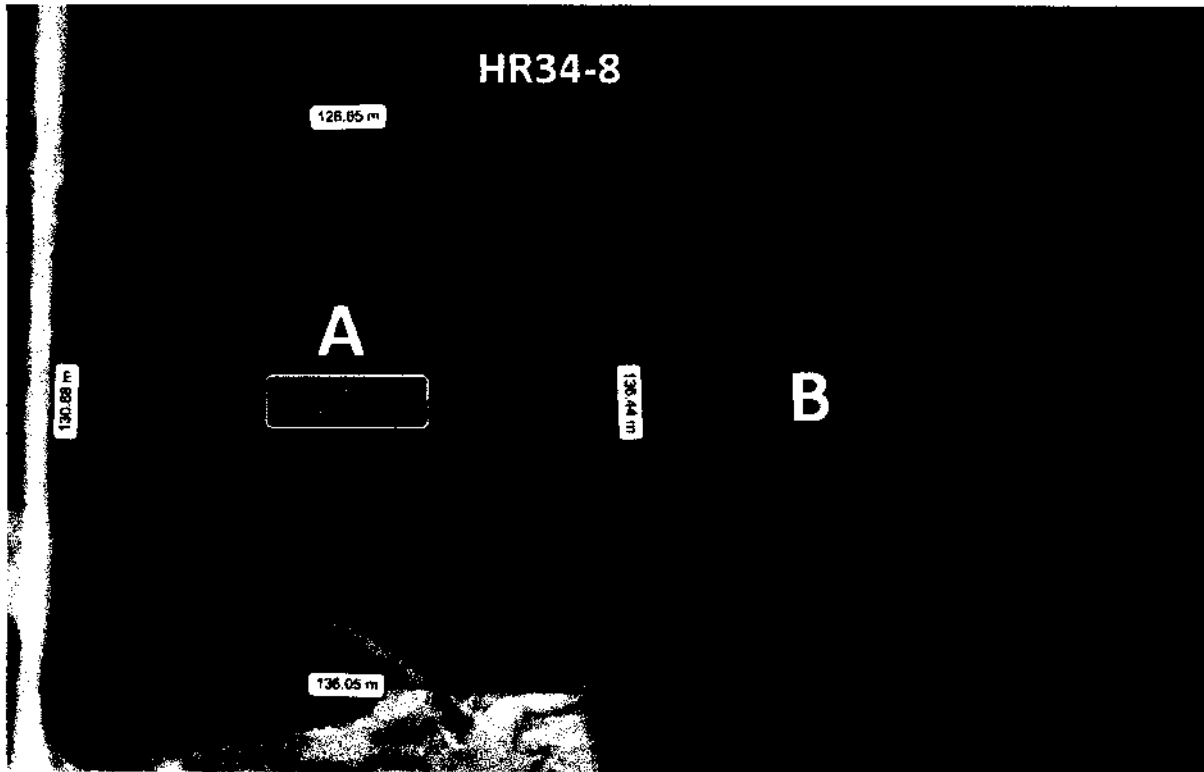


Figure 2: Proposed Clearing Area

TOP SOIL/OVERBURDEN STORAGE

- Overburden will be separated from the cleared timber and debris, and windrowed one cat blade width from the standing timber on the north side of the clearing (Site A).
- The stored overburden will be spread over the site to promote vegetation growth once the pit is depleted.

TIMBER DISPOSAL

- The site is wooded with 2" to 4" Jackpine. Total disposal will be achieved through burning of all smaller timber (<4")/debris, roots, etc.

ACCESS

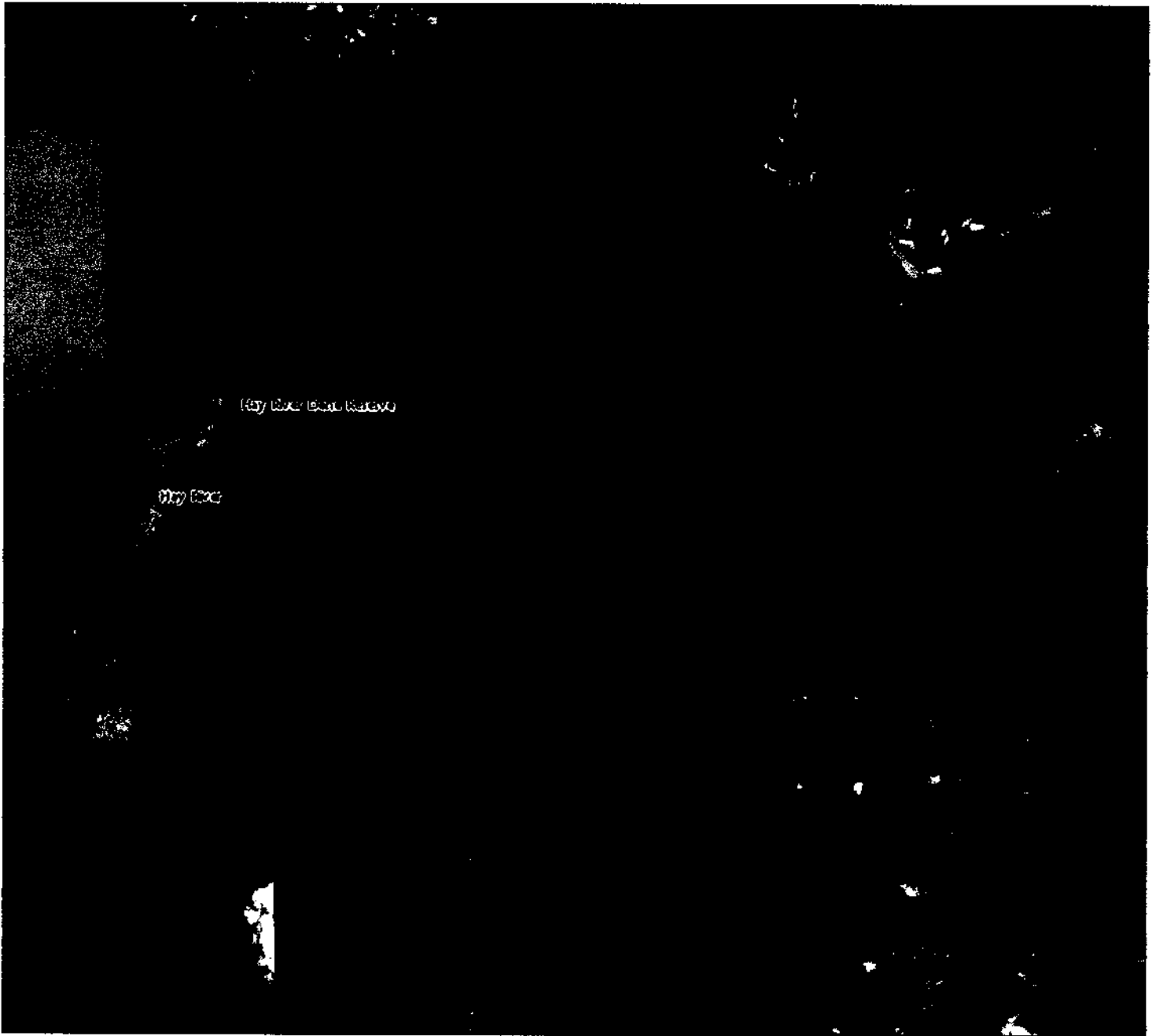
- There is an existing gravel access road to the HR34 Multi-User Pit which departs NWT Highway No. 5 at Km 44.5 (60°42'36.25"N 115° 05'11.62"W). The access road is approximately 3.42km long x 15m width = 4.6ha.



ATLAS

Government of
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HR34-8 Gravel Pit Raine Trucking Ltd.



March 15, 2021

Legend

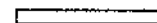
Km 44.5, NWT Highway No. 5

60°41'9.82"N 115°05'4049"W

Map 1

Scale 1: 250,000

5 kilometres



UTM Zone: 11

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HR34-8 Gravel Pit Access Road



March 15, 2021

Legend

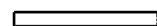
Raine Trucking Ltd.

Km 44.5, NWT Highway No. 5

Map 4

Scale 1: 25,000

500 metres



UTM Zone: 11

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HR34-8 Pit Boundaries Pit Boundaries



March 15, 2021

Legend

Raine Trucking Ltd.

Km 44.5, NWT Highway No. 5

Map 3

Scale 1: 2,000

50 metres



UTM Zone: 11

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RAINE TRUCKING LTD

6 Stewart Drive · Hay River, NT · X0E 0R3
(867) 874-6983

**SPILL CONTINGENCY PLAN
QUARRY OPERATION HWY# 5, KM 44.5**

Emergency Contacts: Fire Department (867) 874-2222 or 911
Police (867) 874-1111 or 911
Ambulance (867) 874-9333 or 911
Government Spill Hotline (867) 920-8130

Raine Trucking Contacts: Office (867) 874-6983
Ryan Patterson (867) 875-8390
Farrah Froese (867) 875-7950

The purpose of this plan is to outline the actions needed to take place in case there is a spill on site.
We will not be storing any hazardous material on site.

PRODUCT SPILLS

1. Stop source of spill by shutting off machinery and close valves.
2. Stop all sources of ignition (engine shut off, lights, etc.)
3. Assess the hazards (use spill kit or call for assistance)
4. If others are in the area, warn them of the possible dangers, and evacuate if necessary.
5. Call Fire Department if necessary.
6. Use spill kit to contain the spill to the best of your ability.
7. Keep fire extinguisher close for immediate use if need be.
8. Notify appropriate departments in regards to a spill. All spills need to reported immediately to Spill Reports Hotline (867) 920-8130.
9. Clean up area where spill occurred.
10. Dispose of contaminated material to the appropriate disposal company.

Land Use Permit Security Worksheet

Application Number: _____

Input
Amount Multiplier

Camp (C1)			
Temporary Structures			
Input number of tent frames or weatherhaven (3.5m x 4.2m)	0	\$200.00	\$0.00
Input number of trailers (3.5m x 15.2m)	0	\$300.00	\$0.00
Input total square metres of other temporary structures (i.e. core shacks)	0	\$2.50	\$0.00
Fixed Structures			
Input total square metres of fixed structures	0	\$25.00	\$0.00
Solid Waste			
For non-burnable material, input # of person days per season	0	\$1.00	\$0.00
For burnable material, input # of person days per season	0	\$0.50	\$0.00
Total C1			\$0.00

Regulated / Hazardous Materials (R1)			
Based upon on site volume			
Explosives; up to 500 kg (~pallet) dry explosives input 1, if none, input 0	0	\$500.00	\$0.00
Additional Explosives; input total kg >500	0	\$0.50	\$0.00
Drilling Muds (oil based); enter number of 63 m ³ (or equivalent) containers	0	\$1,000.00	\$0.00
Used Oil, Lubes and Antifreeze: enter number of pieces of heavy equipment	2	\$500.00	\$1,000.00
Other;			

Total R1			\$1,000.00

Hydrocarbon Storage and Transfer (H1)			
Based upon on site volume			
Gasoline and Diesel			
Enter total volume of gasoline&diesel <25,000 L	0	\$0.50	\$0.00
Enter total volume of gasoline&fuel > 25,000 L	0	\$0.25	\$0.00
Total Gasoline and Diesel			\$0.00
When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0	0	25%	\$0.00
Aviation Fuel			
Enter total volume of aviation fuel < 25,000 L	0	\$0.50	\$0.00
Enter total volume of aviation fuel > 25,000 L	0	\$0.25	\$0.00
Total Aviation Fuel			\$0.00
When fuel is within bermed site or has other safety feature, enter 1, otherwise enter 0	0	25%	\$0.00
Total H1			\$0.00

Land Disturbance (L1)			
Disturbed Surface Area			
<i>(Developed surface area that may require restoration through the use of scarification, reseeded, fertilizing or other similar techniques)</i>			
Enter number of hectares disturbed	1.75	\$1,000.00	\$1,750.00
Other Land Disturbances			
Creek Crossings; enter number of creek crossings	0	\$500.00	\$0.00
Off-Road Activities; if any activities are likely, enter 1	0	\$500.00	\$0.00
Sump Factor; enter total area occupied by sumps in m ²	0	\$10.00	\$0.00
Well Factor; enter number of wells.	0	\$25,000.00	\$0.00
Total L1			\$1,750.00

Land Use Permit Security Worksheet (continued)

Application Number: _____

	Input Amount	Multiplier	
Equipment (E1)			
Based upon type of equipment			
Enter number of pieces of heavy equipment (i.e. dozer, forklift, large gensets)	2	\$1,000.00	\$2,000.00
Enter number of drills	0	\$1,000.00	\$0.00
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	0	\$250.00	\$0.00
Enter number of small generators or pumps	0	\$100.00	\$0.00
Enter number of empty fuel storage tanks	0	\$500.00	\$0.00
Total E1			\$2,000.00

Security Calculation			
Preliminary Calculation			
Enter amount from C1			\$0.00
Enter amount from R1			\$1,000.00
Enter amount from H1			\$0.00
Enter amount from L1			\$1,750.00
Enter amount from E1			\$2,000.00
Preliminary Calculation, total of above	A		\$4,750.00
Multipliers			
Site Access Multiplier. If the project has all weather road access enter 1, if ice road access enter 1.5, if air access enter 2	B		1
Performance Multiplier. If applicant has successfully completed the terms of a LUP enter 0.85, otherwise enter 1	C		
Environmental Risk Factor. If location has high environmental value or unusual environmental risk enter 2. If location is previously disturbed enter 0.75. Otherwise enter 1.	D		0.75
Calculated Security			
Multiply preliminary calculation (A) by performance multipliers (B, C and D)	E		\$0.00
Existing Securities			
List existing associated permits and amount of overlapping security			
Permit: _____			
Permit: _____			
Permit: _____			
Overlapping Securities, total of above	F		\$0.00
Final Security Determination			
Subtract overlapping securities (F) from calculated security (E)			\$0.00

Comments