



## Sahtu Land and Water Board

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[www.slwb.com](http://www.slwb.com)

December 27, 2019

File : S19S-005

Mr. Saifuddin Quazi, P.Eng.  
Project Officer  
GNWT - Department of Infrastructure (INF)  
Bag Service #1, 106 Veteran's Way  
Inuvik, NT X0E 0T0

Sent by email

Dear Mr. Quazi,

### **Re: Issuance of Type A Land Use Permit - Geotechnical Drilling Program, Colville Lake, Sahtu Region, NT**

The Sahtu Land and Water Board (SLWB or Board) met on December 16, 2019 to consider the request for a new Land Use Permit S19S-005 for an Environmental Site Assessment (ESA) and Geotechnical Investigation for the proposed Colville Lake School Replacement Sites. The Board approved the Preliminary Screening Report and sent the notification for Preliminary Screening Determination to the Mackenzie Valley Environmental Impact Review Board (MVEIRB) for the 10-day pause period. No referral to Environmental Assessment was made by the end of this 10-day pause period. Therefore, please find attached the Type A Land Use Permit S19S-005 granted by the SLWB in accordance with the *Mackenzie Valley Resource Management Act* and the *Mackenzie Valley Land Use Regulations*.

The Board approved the **Engagement Plan version 1.0**, the **Waste Management Plan version 1.0** and the **Spill Contingency Plan version 1.0** received with the application. However, the Board noted some minor clarifications and updates were requested during the public review period. The Board directs GNWT-INF to complete the following changes to relevant documents and resubmit to the Board prior to commencement of the Project:

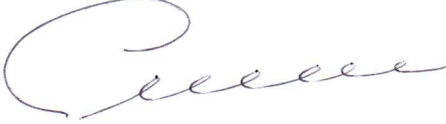
1. Submit an updated equipment list;
2. Submit an updated Project map that excludes Site B; and
3. Update the Spill Contingency Plan - Table of contacts in the event of a spill - to include the two Sahtu Region Land Use Inspectors.

Upon receipt of these revised document, Board staff will confirm the changes requested and post the updated documents to the registry.

A copy of this Permit has been filed on the Public Registry at the SLWB office. Please be advised that this letter, with its attached procedures, 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.

The full cooperation of GNWT – Department of Infrastructure is anticipated and appreciated for this Permit S19S-005. If you have any questions or concerns please contact Bonnie Bergsma at (867) 496-2778 or email [bonnie.bergsma@slwb.com](mailto:bonnie.bergsma@slwb.com).

Yours Sincerely,

A handwritten signature in cursive script, appearing to read 'Larry Wallace', written in black ink.

Larry Wallace, Chair

Copied to: K'asho Got'ine District Distribution Lists  
Robin Ferguson, GNWT-INF  
Rick Hoos, Tetra Tech Canada Inc.  
Sean Anderson, Tetra Tech Canada Inc.

Attachments: Land Use Permit S19S-005



# SAHTU Land & Water Board Land Use Permit

Permit Class <b>Type A</b>	Permit No. <b>S19S-005</b>
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Subject to the Mackenzie Valley Land Use Regulations and the terms and conditions in this permit, authority is hereby granted to:

**Department of Infrastructure  
Government of the Northwest Territories  
Bag Service #1, 106 Veteran's Way  
Inuvik, NT X0E 0T0**

Permittee

To proceed with the land use operation described in the application of:

Signature: Saifuddin Quazi, P.Eng.	Date: November 12, 2019
Type of Land Use Operations: Geotechnical Drilling Program	
Location: Colville Lake, NT	

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

Dated at: Fort Good Hope

This 16 Day of December Year: 2019

Witness \_\_\_\_\_

(Chair)  
**SAHTU Land & Water Board**

Commencement Date: January 01, 2020      Expiry Date: March 31, 2022

### NOTE

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 BY THE BOARD.

THIS PERMIT SHALL BE POSTED OR BE AVAILABLE ON SITE.

**If you have any questions please call the SAHTU Land & Water Board at  
(867) 598-2413**

**Conditions Annexed to and Forming Part  
of Land Use Permit # S19S-005**

**Part A: Scope of Permit**

1. This Permit entitles the Permittee to conduct the following land-use operation:
  - a) Environmental Site Assessment and Geotechnical Investigation for the proposed Colville Lake School Replacement sites within the municipal boundaries of Colville Lake, NT;
  - b) Use of equipment.
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, Tłıchǝ, or Municipal laws.

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

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

**Board** - the Sahtu Land and Water Board established under Part 3 of the Act.

**Borehole** - a hole that is made in the surface of the ground by drilling or boring.

**Drilling Waste** - all materials or chemicals, solid or liquid, associated with drilling, including drill cuttings and Drilling Fluids.

**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.

**Flowing Artesian Well** - a well in which water:

- a) Naturally rises above the ground surface or the top of any casing; and
- b) Flows naturally, either intermittently or continuously.

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

**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.

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

**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.

**Spill Contingency Plan** - a document, developed in accordance with Aboriginal Affairs and Northern Development Canada's *Guidelines for Spill Contingency Planning* (April 2007), that describes the set of procedures to be implemented to minimize the effects of a spill.

**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.

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

**26(1)(a) Location and Area**

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| 1. | Prior to the commencement of drilling, the Permittee shall submit the drill target locations on a 1:50,000-scale map with coordinates and map datum to the Board and an Inspector. | <b>DRILL LOCATIONS</b>        |
| 2. | The Permittee shall not conduct this land-use operation on any lands not designated in the complete application.   | <b>LOCATION OF ACTIVITIES</b> |

**26(1)(b) Time**

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| 3. | At least 48 hours prior to the commencement of the land-use operation, the Permittee's Field Supervisor shall contact an Inspector at (867) 587-7206 or 587-7205.  | <b>CONTACT INSPECTOR</b>      |
| 4. | 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:<br>(a) the name(s) of the person(s) in charge of the field operation;<br>(b) alternates; and<br>(c) all methods for contacting the above person(s). | <b>IDENTIFY AGENT</b>         |
| 5. | At least two days prior to the completion of the land-use operation, the Permittee shall advise an Inspector of:<br>(a) the plan for removal or storage of equipment and materials; and<br>(b) when final cleanup and reclamation of the land used will be completed.  | <b>REPORTS BEFORE REMOVAL</b> |

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

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| 6. | The Permittee shall not use any equipment except of a similar type, size, and number to that listed in the complete application. | <b>ONLY APPROVED EQUIPMENT</b> |
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**26(1)(d) Methods and Techniques**

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| 7. | Prior to the expiry date of this Permit, the Permittee shall replace all excavated material, unless otherwise authorized in writing by an Inspector. | <b>EXCAVATED MATERIAL</b> |
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**26(1)(e) Type, Location, Capacity, and Operation of All Facilities**

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| 8. | The Permittee shall ensure that the land use area is kept clean at all | <b>CLEAN WORK AREA</b> |
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times.

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

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| 9.  | The land-use operation shall not cause obstruction to any natural drainage.  | <b>NATURAL DRAINAGE</b>                |
| 10. | The Permittee shall minimize erosion by installing and maintaining erosion control structures as the land-use operation progresses, where required.  | <b>PROGRESSIVE<br/>EROSION CONTROL</b> |
| 11. | The Permittee shall, where flowing water from a Borehole is encountered:<br>(a) plug the Borehole in such a manner as to permanently prevent any further outflow of water; and<br>(b) immediately report the occurrence to the Board and an Inspector. | <b>FLOWING ARTESIAN<br/>WELL</b>       |
| 12. | 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.   | <b>VEHICLE MOVEMENT<br/>FREEZE-UP</b>  |

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

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| 13. | The Permittee shall maintain a record of all spills. For all reportable spills, in accordance with the GNWT <i>Spill Contingency Planning and Reporting Regulations</i> , the Permittee shall:<br>(a) immediately report each spill to the 24-hour Spill Report Line (867) 920-8130;<br>(b) report each spill to an Inspector within 24 hours; and<br>(c) submit, to the Board and an Inspector, a detailed report on each spill within 30 days. | <b>REPORT SPILLS</b>                |
| 14. | The Permittee shall dispose of all combustible Waste petroleum products by removal to an approved disposal facility.   | <b>WASTE PETROLEUM<br/>DISPOSAL</b> |

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

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| 15. | The Permittee shall take all reasonable measures to prevent damage to wildlife and fish Habitat during this land-use operation. | <b>HABITAT DAMAGE</b> |
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**26(1)(i) Storage, Handling, and Disposal of Refuse or Sewage**

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| 16. | The Permittee shall adhere to the <b>Waste Management Plan</b> , once approved. Revisions to the plan shall be submitted to the Board for approval. | <b>WASTE<br/>MANAGEMENT</b> |
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17. The Permittee shall keep all garbage and debris in a secure container until disposal. **GARBAGE CONTAINER**

18. The Permittee shall dispose of all garbage, Waste, and debris as described in the approved Waste Management Plan, unless otherwise authorized in writing by an Inspector. **REMOVE GARBAGE**

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

19. The Permittee shall not operate any vehicle or equipment within 150 metres of a known or suspected historical or archaeological site or burial ground. **ARCHAEOLOGICAL BUFFER**

20. The Permittee shall not knowingly remove, disturb, or displace any archaeological specimen or site. **SITE DISTURBANCE**

21. The Permittee shall, where a suspected archaeological or historical site, or burial ground is discovered:  
(a) immediately suspend operations on the site; and  
(b) notify the Board at (867) 598-2413 or an Inspector at (867) 587-7206 or 7205, and the Prince of Wales Northern Heritage Centre at 767-9347 ext. 71255 or ext. 71251. **SITE DISCOVERY AND NOTIFICATION**

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

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

22. All costs to remediate the area under this Permit are the responsibility of the Permittee. **RESPONSIBILITY FOR REMEDIATION COSTS**

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

23. The Permittee shall:  
(a) examine all Fuel Storage Containers and Tank for leaks a minimum. once per day; and  
(b) repair all leaks immediately. **CHECK FOR LEAKS**

24. The Permittee shall ensure that all fuel caches have adequate Secondary Containment. **FUEL CACHE SECONDARY CONTAINMENT**

25. The Permittee shall not allow petroleum products to spread to surrounding lands or Watercourses. **FUEL CONTAINMENT**

26. The Permittee shall adhere to the **Spill Contingency Plan**, once approved. Revisions to the plan shall be submitted to the Board for **SPILL CONTINGENCY PLAN**

approval.

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| 27. | 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>  |
| 28. | 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>      |
| 29. | The Permittee shall clean up all leaks, spills, and contaminated material.  | <b>CLEAN UP SPILLS</b> |

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

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

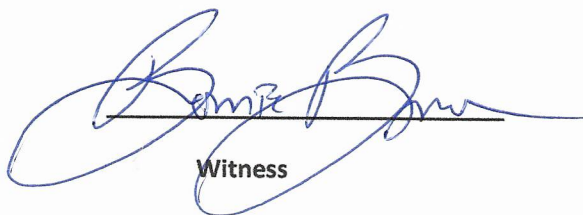

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| 30. | Prior to the expiry date of this Permit, the Permittee shall complete all cleanup and restoration of the lands used. | <b>FINAL CLEANUP AND RESTORATION</b> |
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**26(1)(p) Display of Permits and Permit Numbers**

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| 31. | The Permittee shall keep a copy of this Permit on hand at all times during this land-use operation. | <b>COPY OF PERMIT</b> |
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**26(1)(q) Biological and Physical Protection of the Land**

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| 32. | The Permittee shall not move any equipment or commence any drilling when one or more caribou are within five hundred (500) metres.            | <b>CARIBOU DISTURBANCE</b> |
| 33. | The Permittee shall adhere to the <b>Engagement Plan</b> , once approved. Revisions to the plan shall be submitted to the Board for approval. | <b>ENGAGEMENT PLAN</b>     |
| 34. | All revised plans submitted to the Board shall include a brief summary of the changes made to the plan.                                       | <b>SUMMARY OF CHANGES</b>  |

	
_____ <b>Witness</b>	_____ <b>Chair</b>



**Sahtu Land & Water Board**  
**REASONS FOR DECISION**  
Issued Pursuant to Section 72.25 of  
**The Mackenzie Valley Resource Management Act**  
and Section 40 (2) (c) of  
**The Mackenzie Valley Land Use Regulations**

**Land Use Permit S19S-005 (Type "A")**

This is the decision of the Sahtu Land & Water Board with respect to the application deemed complete November 21, 2019 for issuance of a Land Use Permit made by:

**Government of the Northwest Territories – Department of Infrastructure**  
**Bag Service #1, 106 Veteran's Way**  
**Inuvik, NT X0E 0T0**

for: the undertaking of Environmental Site Assessment and Geotechnical Investigation for the proposed Colville Lake School replacement sites, Colville Lake, Sahtu Region, NT.

With respect to this application, written notice was given to 14 organizations within the Sahtu Settlement Area and 21 outside of the settlement area in accordance with Sections 63 & 64 of the *Mackenzie Valley Resource Management Act*. There was no Public Hearing held in association with this application.

**DECISION**

After having been satisfied that the project has been screened pursuant to s.125(2)(a) of the *Mackenzie Valley Resource Management Act*, and that any potential adverse environmental effects were insignificant or mitigatable with known technology, and as such the application could proceed through the regulatory process and after reviewing the submission of the Applicant and after reviewing the written comments received by the Board; the Board, having due regard to the facts and 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 S19S-005 will be issued subject to the terms and conditions contained therein.

The Board's reasons for this decision are as follows:

- No significant or unmitigable public concern has been made known to the Board;
- The project was screened by the Board on December 16, 2019 and identified that any environmental impacts can be mitigated with known technologies and that no significant public concerns were noted;
- 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;
- It is the opinion of the Board that the nature of the Project and timing for work during winter under frozen conditions will not result in any significant erosion issues or impacts to permafrost that would lead to degradation of the land;
- It is the opinion of the Board that the terms and conditions attached to S19S-005, pursuant to the MVRMA, will ensure that any potential environmental impacts resulting from this activity are not significant. The effects of the Project on the environment can take place in an environmentally responsible manner provided that environmental considerations and mitigation measures outlined in the Land Use Permit application documents are followed;
- It is the opinion of the Board that the undertaking is exempt from conformity to the Sahtu Land Use Plan as all activities occur within the municipal boundaries of Colville Lake;
- It is the opinion of the Board that the Engagement Plan includes provisions for comprehensive, meaningful and ongoing engagement efforts with the local community to address concerns and to improve understanding of Project activities and potential effects;

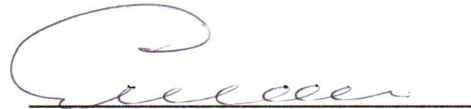
- To the best of their ability and in accordance with the scale of their Project activities and budget, GNWT-INF will provide employment opportunities and benefits to the local community; and
- The use of land proposed by the Proponent is of a nature contemplated by the MVRMA.

Land Use Permit S19S-005 contains provisions that the Board feels necessary to ensure and monitor compliance with the Mackenzie Valley Resource Management Act and the Regulations made thereunder and to provide appropriate safeguards in respect of the Applicant's use of the lands affected by the Permit.

The Proponent has been notified through a provision included in the scope of the Land Use Permit S19S-005, that compliance with the term and conditions of this Permit has no effect on the Permittee's responsibility for compliance with the requirements of any other legislation.

The Board will provide any referenced material or documents and/or reasons for decision for any specific clause or clauses contained within the application if requested to do so in writing.

SIGNED this 16<sup>th</sup> day of December 2019 on behalf of the SAHTU Land & Water Board.

A handwritten signature in blue ink, appearing to read 'Larry Wallace', is written over a horizontal line.

Larry Wallace (Chair)  
SAHTU Land & Water Board