



4.0 Water Licence Application



APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE

Subsection 5(1) and Schedule C of the [Waters Regulations](#)

Use an "x" to indicate which Board the Application is being made to.	Mackenzie Valley Land and Water Board:		Sahtu Land and Water Board:	X
	Wek'èezhii Land and Water Board:		Gwich'in Land and Water Board:	

To complete this form please fill in the grey boxes and attach additional pages, if necessary. Please review the following guidance for formatting your Application package:

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

If applicable, insert existing or current Licence number:	WL S13L1-006 (associated with LUP S13X-003)		
Use an "x" to indicate if this Application is accompanied by another Application for a Water Licence in a federal area and/or a Land Use Permit.	Water Licence:		
	Land Use Permit:		X

1. NAME AND CONTACT INFORMATION – APPLICANT

Applicant's Name:	Laurie Henderson		
Mailing Address:	NWT Project Specialist, Husky Oil Operations Limited		
Community:	Calgary	Telephone:	403-298-6343
Prov/Terr:	Alberta	Email:	Laurie.henderson@huskyenergy.com
Postal Code:	T2P 3G7	Other:	NA

2. NAME AND CONTACT INFORMATION – CORPORATE HEAD OFFICE, IN CANADA IF INCORPORATED

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

Name:	Husky Oil Operations Limited		
Mailing Address:	707 – 8 th Avenue SW		
Community:	Calgary	Telephone:	403-298-6111
Prov/Terr:	Alberta	Email:	NA
Postal Code:	T2P 3G7	Other:	NA

3. LOCATION OF UNDERTAKING

Attach a map indicating watercourses and the location of any proposed waste deposits. Refer to the [MVLWB Policy on Transboundary Applications](#) to identify whether the proposed activities are transboundary. Refer to the [MVLWB Guideline for Geographic Information Systems \(GIS\) Submission Standard](#) for providing geographic information. Provide latitude and longitude geographic coordinates of project features, and the maximum and minimum project boundary in degrees, minutes, seconds, or decimal degrees.

Minimum latitude:	N64° 40'	Maximum latitude:	N65° 20'
Minimum longitude:	W125° 45'	Maximum longitude:	W126° 45'
Please refer to the table below, and Table 3-1 in Section 3.2: Project Overview of the appended application for a list of project component locations in Lat/Long DD NAD27			
Component	Latitude	Longitude	Work Category
Winter Access Security Station	65.113455° N	126.181980° W	Care and Maintenance
Winter Access Camp	65.091159° N	126.215201° W	Care and Maintenance
Winter Completions Camp	64.968976° N	126.546191° W	Care and Maintenance
Winter Access Ice Roads, E side of Mackenzie River	n/a	n/a	Care and Maintenance
All-weather Access Road	n/a	n/a	Care and Maintenance
All-weather Staging Area	65.098052° N	126.265389° W	Care and Maintenance
All-weather Base Camp	65.006865° N	126.434409° W	Care and Maintenance
Quarry M	64.998421° N	126.485017° W	Care and Maintenance
Airstrip Access	65.014750° N	126.389600° W	Reclamation
Quarry B	65.009298° N	126.453732° W	Reclamation
Please refer to Appendix B, Figure 2 and Table 5-1 in the appended application for a figure and location (lat/long) of proposed water sources.			
Please refer to Section 8 (Waste Management) and the Waste Management Plan provided in Appendix C of the appended application package for a description of on-site and off-site waste management and/or disposal methods.			
<u>Land Type(s)</u> : Use an "x" to indicate all the type(s) of land on which the project activities are proposed to occur. Additional guidance to determine land type(s) is available on the MVLWB website.			
Free Hold/Private:	X	Commissioner's/ Territorial Lands:	X
		Federal Crown Land:	
		Municipal Land:	

4. DESCRIPTION OF UNDERTAKING

Include a description of the proposed activities and contact Board staff to determine whether an activity-specific questionnaire will be required. For proposed amendments to authorized activities, specify: the nature of the amendment, the condition(s) to be amended, and the rationale for the amendment.

Please refer to Section 3: Project Description of the appended application package.

5. TYPE OF UNDERTAKING

Please refer to Schedule B of the [Waters Regulations](#).
Use an "x" to indicate which one type of undertaking applies.

1	Industrial	X	
2	Mining and milling		
3	Municipal		
4	Power		
5	Agriculture		
6	Conservation		
7	Recreation		
8	Miscellaneous		(describe):

6. WATER USE

Please refer to Schedules D to H of the Waters Regulations . Use an "x" to indicate which trigger(s) applies.		
To obtain water	X	
To cross a watercourse		
To modify the bed or bank of a watercourse		
Flood control		
To divert water		
To alter the flow of, or store, water		
Other	x	(describe): As detailed in Section 5: Water Use and Sourcing in the appended application package, water for the project will primarily be required for reclamation and maintenance purposes. This will include water for winter access if required, potential fire suppression, dust control and soil compaction on any of the project components during maintenance cycles in the summer.

7. QUANTITY OF WATER INVOLVED

Describe the purpose of each proposed water use, name and type (e.g., lake, river) of the water source, the location, and the quantity of water that would be used. Please add more rows if needed.

Purpose of Water Use	Name and Type of Water Source	Location	Geographic Coordinates (Decimal Degrees)		Proposed Water Use Volume/Rate
			Latitude	Longitude	
Please refer to Section 5: Water Use and Sourcing and Table 5-1 of the appended application package for a detailed description of the proposed water use, source location, maximum and anticipated withdrawal volumes and geographic coordinates.					

For each water source, provide a comparison of total proposed water use to the available capacity.

Water Source	Capacity of Water Source	Other Users of the Water Source	Comparison of Total Proposed Water Use to Available Capacity
Please refer to Section 5: Water Use and Sourcing and Table 5-1 of the appended application package for a comparison of Anticipated Water Withdrawal compared to Maximum Allowable Withdrawal volumes.			

8. WASTE DEPOSITED

Include a Waste Management Plan in the Application Package, or for small-scale activities describe the proposed waste management activities in the space provided below. Guidance is provided in the [MVLWB Guidelines for Developing a Waste Management Plan](#). 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.

Municipalities must complete the relevant Operations and Maintenance Plans [using the available Templates](#) and include them in the Application Package. Please refer to Sections 4-8 of Environment and Climate Change Canada’s [Solid Waste Management for Northern and Remote Communities: Planning and Technical Guidance Document](#).

For activities that involve the deposit of waste into water, provide proposed effluent quality criteria in accordance with the [MVLWB Water and Effluent Quality Management Policy](#) and [MVLWB/GNWT Guidelines for Effluent Mixing Zones](#). Please refer to the [MVLWB/GNWT Guidelines for Effluent Mixing Zones](#) when mixing zones are being considered. Please refer to the [Guidelines for Aquatic Effects Monitoring Programs](#) for more information regarding the development of AEMP programs.

Please refer to Section 8 (Waste Management) and the Waste Management Plan (MWP: Section 2.2) provided in Appendix C of the appended application package for a description of on-site and off-site waste management and/or disposal methods.

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING

Applicants are encouraged to describe pre-Application engagement efforts with any existing water users and associated possible claims for water compensation or compensation agreements. Include the names and contact information of persons (e.g., existing licensees) or properties affected by this undertaking. An additional table should be added for each water user.

Name:	The project is located in the Sahtu Region on land administered by the Tulita District Land Corporation and the identified communities are Tulita and Norman Wells. The project is not anticipated to affect any existing water users and is not anticipated to require any associated possible claims for compensation or compensation agreements. A description of the stakeholder engagement strategy, records, and list of Indigenous groups and stakeholders informed about the proposed project is provided in Section 12.1: Stakeholder Engagement and Appendix A-1 in the appended application package.		
Mailing Address:			
Community:		Telephone:	
Prov/Terr:		Email:	
Postal Code:		Other:	
Describe Engagement Completed:			

10. PREDICTED ENVIRONMENTAL IMPACTS OF THE UNDERTAKING AND PROPOSED MITIGATIONS

Describe all potential impacts and proposed mitigations. This information is used for the preliminary screening of impacts from the project and/or to develop conditions for the water licence. 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, please provide supporting rationale.

Include a Spill Contingency Plan in the Application Package, or for small-scale activities, provide relevant details in the space provided below. Guidance is provided in [INAC Spill Contingency Guidelines](#).

For a description of all potential impacts and proposed mitigations, please refer to Section 11: for an introduction to Environmental and Socio-Economic Aspects, Potential Effects and Mitigation Measures. Sections 13 and 14 provides a description of the assessment of potential effects of the project and associated activities on atmospheric, terrestrial and aquatic environments.

Husky is requesting a Preliminary Screening exemption, as the program will require no new lands or new access. All work proposed and associated with the new LUP and WL will be conducted on existing project components, and land disturbances approved under the previous LUPs and WLs. As detailed in Section 14: Biophysical Components, potential environmental effects resulting from the project under normal conditions were evaluated to be either “negligible” or “low”.

For a copy of the *Tier 1 Wildlife Management and Monitoring Plan*, please refer to Appendix F in the appended application package.

The Spill Contingency Plan is included with the Emergency Response Plan in Section 9 and Appendix D of the appended application package.

11. CONTRACTORS AND SUB-CONTRACTORS

Please include relevant names, responsibilities, and contact information in the fields below. An additional table should be added for each contractor.

Name:	Please refer to the Support Services Directory (Section 3.4.1) in the Emergency Response plan (Appendix D) of the appended application package.		
Responsibilities:			
Company Name:			
Mailing Address:			
Community:		Telephone:	
Prov/Terr:		Email:	
Postal Code:		Other:	

12. STUDIES UNDERTAKEN TO DATE

Please list and attach any relevant studies that support the proposed activities.

Please refer to each Biophysical Component write-up (Section 14) of the appended application for a summary of relevant studies undertaken that support the proposed activities, as follows:

Air: Section 14.6.2.2
Noise: Section 14.6.3.2
Soil: Section 14.7.2.2
Permafrost: Section 14.7.3.1
Vegetation: Section 14.7.4.2
Wildlife: Section 14.7.5.2
Surface Water Quantity and Quality: Sections 14.8.2.1 & 14.8.2.3
Groundwater: Section 14.8.3.2
Fish and Fish Habitat: Section 14.8.4.3

13. PROPOSED TIME SCHEDULE

Please include the time of year the project activities are planned to occur and indicate whether seasonal shutdowns are anticipated.

Start Date:	June 9, 2021 (anticipated)	Completion Date:	September 15, 2026 (anticipated)
Please refer to Section 4: Project Activities and Schedule of the appended application package for a description of the proposed project schedule of activities during annual inspections and minor maintenance, as well as during a maintenance cycle year.			
All proposed activities on the schedule will occur over the 5-year time limit prior to expiry of the new LUP and WL (with the possibility of 2-year extension or renewal).			
Term of Licence Requested:	Please refer to subsections 26(2) and 36(1) of the Waters Act . Term requested is 5 years (with the possibility of 2-year extension or renewal).		

14. ADDITIONAL SUPPORTING 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 attach them to the Application. Templates are provided in the Guidelines. Please also refer to [Information for Proponents on MVLWB's Engagement Requirements](#).

Eligibility: Please contact federal, territorial, and Aboriginal governments and other parties to ensure all appropriate authorizations have been obtained or are in the process of being obtained. Obtain permission from the landowner, if necessary (e.g., obtain and reference licences of occupation, leases, access authorizations, etc.) and attach it/them to the Application.

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 a 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): Applicants are strongly encouraged to include TEK/TK in the Application. Provision of TEK/TK is mandatory for Applications to the Sahtu Land and Water Board.

Facilities: Please include the supporting information referenced in subsection 5(2) of the [Waters Regulations](#) if the project includes the following: dam(s); storage reservoir(s); watercourse crossing(s); camp(s) or lodge(s); use of water for industrial use or mining and milling; deposit of waste; or handling or storage of petroleum products or hazardous materials.

Closure and Reclamation: Please describe the plan for closure and reclamation, including any temporary closures and seasonal shutdowns, or include a Closure and Reclamation Plan in the Application Package. Please also refer to [MVLWB/AANDC Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the Northwest Territories](#) and Environment and Climate Change Canada's [Solid Waste Management for Northern and Remote Communities: Planning and Technical Guidance Document](#).

Closure Cost Estimate: Prepare a [Closure Cost Estimate](#) and include it in the Application Package. Applicants are encouraged to contact the Board, prior to applying, to obtain a template to calculate

security that is most suited to the project activities being applied for. Additional guidance is provided in section 2.2 of the [MVLWB/INAC/GNWT Guidelines for Closure and Reclamation Cost Estimates for Mines](#). If this Application is submitted concurrently with a Land Use Permit Application, please ensure water- and land-related activities and liabilities are provided.

Financial Capacity: Provide information relating to your financial capacity, as outlined in paragraph 26(5)(d) of the [Waters Act](#). Please note this information will be required by the Board prior to issuance.

Please refer to Section 12.1 and Appendix A-1 of the appended application for information pertaining to Stakeholder Engagement.

Husky holds Exploration Licence (EL) 494 issued by the Minister of Indian Affairs and Northern Development. Benefits and Access Agreements between Tulita Land Corporation, Norman Wells Land Corporation and Fort Norman Metis Land Corporation, and Husky Oil Operations Limited, is on file with the Sahtu Land and Water Board under Exploration Licence Numbers 462 and 463, dated September 1, 2011.

A Head Agreement between Tulita Land Corporation, Norman Wells Land Corporation and Fort Norman Metis Land Corporation, and Husky Oil Operations Limited is on file with the Sahtu Land and Water Board under Exploration Licence Number 462 and 463, dated May 24, 2011.

Please refer to Table 2-1 in Section 2: Regulatory Requirements of the appended application for a Conformity Table that aligns the requirements of the (draft) MVLWB Guide to the Land Use Permitting Process to the appended application package.


Please refer to Section 12.2 of the appended application for a description of the Traditional Knowledge study.

The proposed project does not consist of the proposed undertaking of a dam, storage reservoir, watercourse crossing, or municipal undertaking in respect to a camp or lodge. A description of the wastes produced, and chemicals used in the proposed project is provided in the Waste Management Plan in Section 8 and Appendix C of the appended application package. The handling or storage of petroleum products or hazardous materials is described in Section 7: Fuel Equipment Utilized and Section 9: Emergency Response Plan and Appendix D in the appended application package.

For a copy of the Interim Closure and Reclamation Plan, please refer to Section 10 and Appendix E of the appended application package.

A closure cost estimate is included in Table 10-1 of the Interim Closure and Reclamation Plan in Section 10 and Appendix E of the appended application package.

Financial Capacity: Please refer to the letter appended to this application form for information relating to financial capacity.

Name (print)	Title (print)	Signature	Date
Laurie Henderson	NWT Territories Project Specialist, Husky		October 1, 2020

FOR OFFICE USE ONLY

	Amount (\$)	Receipt no.
Application fee	30.00	
Water use deposit		

Please make all cheques payable to the Government of the Northwest Territories.

The following guidance assists with determination of relevant fees:

- (1) [Water Licence Application Fee, Water Use Fee, and Security Deposit Information](#);
- (2) [Water Use Fee Policy](#); and
- (3) [Water Use Fee Calculator](#).

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).