

# SAHTU LAND USE PLAN

## Annual Monitoring Report

### 2020/21

OCTOBER 2021



## Greetings!

The Sahtu Land Use Planning Board is proud to share our very first monitoring report on implementation of the Sahtu Land Use Plan (SLUP or Plan).

The SLUP is a document that sets out what land uses are allowed in different parts of the Sahtu Settlement Area, and what requirements must be met for land uses to proceed. The primary purpose of the Plan is to protect and promote the well-being of the people and communities in the Sahtu Settlement Area. Plan goals focus on protecting ecological and cultural integrity, strengthening community decision-making about lands and resources, and increasing economic self-sufficiency in sustainable ways. The Plan is implemented by a range of governments and organizations that approve land uses in the Settlement Area.

As a Board, we are responsible to monitor how the Plan is used, how it shapes decisions, and if it is making progress towards its goals. Over the last two years, we have been working on a formal framework to monitor Plan implementation. We have gathered information from the government departments, organizations, and Land Corporations that approve land uses in the Settlement Area. This report shares our first year of information about how these groups are implementing the Plan – focusing on the fiscal year from April 2020 to March 2021.

We hope that this document is a useful overview for Sahtu residents, governments, and others who follow our work. We plan to publish monitoring reports each year and complete a detailed review and evaluation after several years of monitoring.

The Board thanks all of our colleagues who shared information for this year's monitoring report. If you would like more information on the Sahtu Land Use Plan and our Board's work, please visit our website at [sahtulanduseplan.org](http://sahtulanduseplan.org) and feel free to reach out to our Board and staff members.

**Mahsi,**



**Heather Bourassa**

*Chair, Sahtu Land Use Planning Board*

## BOARD MEMBERS

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**Heather Bourassa**  
*Chairperson*



**Edna Tobac**  
*GNWT Nominee*



**Dakota Erutse**  
*SSI Nominee*

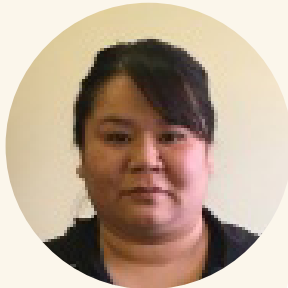
**TWO VACANT BOARD MEMBER POSITIONS: Canada Nominee, SSI Nominee**

## STAFF

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**Justin Stoyko**  
*Executive Director*



**Jenna Grandjambe**  
*Admin Clerk*



**T. Alex Tassioulas**  
*Land Use Planner*

*"The purpose of land use planning is to protect and promote the social, cultural and economic well-being of residents and communities in the settlement area, having regard to the interests of all Canadians"*

*"Special attention shall be devoted to the rights of the... Sahtu First Nations under their land claim agreements, to protecting and promoting their social, cultural and economic well-being and to the lands used by them for wildlife harvesting and other resource uses"*

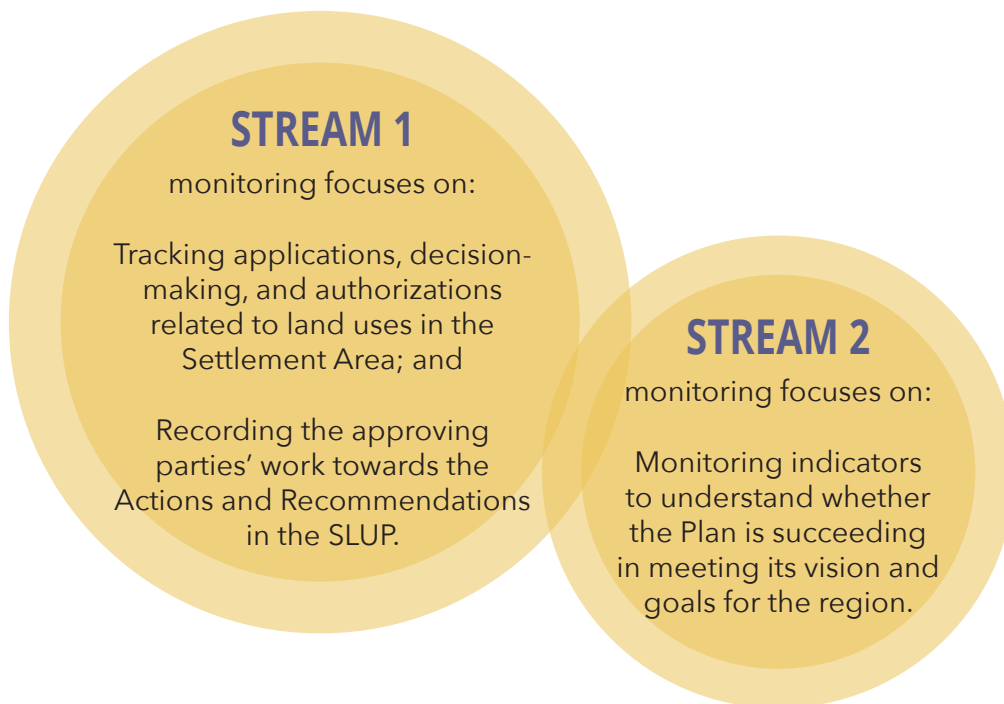
- Mackenzie Valley Resource Management Act - S.35

# MONITORING AND EVALUATION FRAMEWORK

*"Subject to the approval of a land use plan, a planning board shall monitor the implementation of the Plan."*

-Mackenzie Valley Resource Management Act – S.44

In 2019, our Board and staff worked with consultants HTFC Planning & Design to develop the Sahtu Land Use Plan Monitoring & Evaluation Framework. This document sets out a structure to organize the Board's monitoring activities into two streams.



Our work in 2020 / 2021 has focused on setting up Stream 1 monitoring. This report shares the Stream 1 monitoring results for the 2020/2021 fiscal year (April 1, 2020 to March 31, 2021).

# Sahtu Land Use Plan Monitoring Cycle

From Sahtu land Use Plan Monitoring & Evaluation Framework, 2019



A planning process begins with a **Plan Vision & Goals** for what we hope to achieve through our plan.

The plan then sets out a series of **Management Activities** (in this case conformity requirements, actions, and recommendations) intended to help achieve the goals.

As we implement the plan, we can track our activities, and start **Monitoring Indicators** that help us to understand the impacts of our actions.

By evaluating the outcomes of our monitoring, we can determine where **Amendments & Adjustments** are needed in the Plan itself, or in our approach to implementing the Plan.

# MONITORING RESULTS

The following table presents permits and authorizations that were requested in the Sahtu Land Use Plan area in the 2020/21 fiscal year. All authorizations applied for were approved; however, some permits that were approved were later cancelled or partially surrendered (see table).

The following regulators took part in the Year 1 monitoring discussions but had no applications for land uses in the 2020/21 fiscal year for lands covered by the Sahtu Land Use Plan:

## GNWT:

- GNWT Environment and Natural Resources – Environmental Protection and Waste Management Division
- GNWT Lands
- GNWT Office of the Regulator of Oil and Gas
- GNWT Industry Tourism and Investment – Oil and Gas
- GNWT Mining Recorder’s Office

## CANADA:

- Crown Indigenous Relations and Northern Affairs Canada
- Canada Energy Regulator
- Environment and Climate Change Canada – Canadian Wildlife Service
- Transport Canada
- Canadian Nuclear Safety Commission

## The following submitted only partial information:

- Aurora Research Institute

## The following did not report on their activities under the plan in 2020/21:

- GNWT Environment and Natural Resources – Wildlife

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### SLUP ZONE(S) & TYPE (see table)

Special Management Zone (SMZ)  
Proposed Conservation Initiative (PCI)

Conservation Zone (CZ)  
Established Protected Area (EPA)

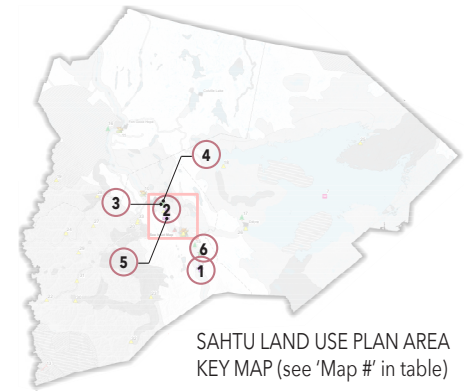
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## Permits & Authorizations Issued in the SLUP Area

Issued between April 1, 2020 and March 31, 2021

### LAND USE PERMITS & WATER LICENCES -

Issued by: Sahtu Land and Water Board (SLWB)



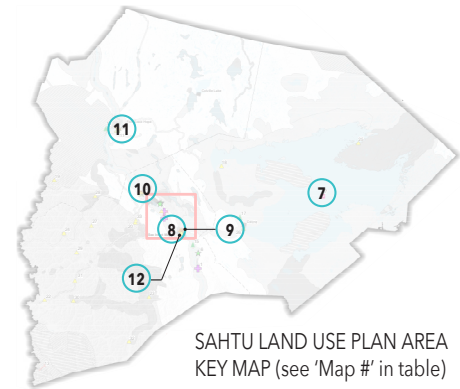
MAP #	PROPONENT / COMPANY	AUTHORIZATION / PERMIT REQUEST	LOCATION	SLUP ZONE(S) & TYPE	PROJECT DESCRIPTION
1	Enbridge Pipelines	Land Use Permit & Water Licence	Little Smith Creek KP158	SMZ 63 - Deh Cho (Mackenzie River)	Project to replace a section of Pipeline using HDD to install at a deeper depth for safety and integrity. Legacy land use.
2	GNWT Infrastructure	Land Use Permit & Water Licence	Prohibition Creek All-season Access Road from Canyon Creek	SMZ 63 - Deh Cho (Mackenzie River)	Project to construct 13 km of all-season access road from the terminus of Canyon Creek ASAR to Prohibition Creek Bridge.
3	GNWT Infrastructure	Land Use Permit	Edie Lake Quarry	GUZ	Project to complete geotechnical borehole drilling in the Edie Lake Quarry to assess suitability of materials for road construction.
4	GNWT Infrastructure	Land Use Permit	Canyon Creek	SMZ 63 - Deh Cho (Mackenzie River)	2-year Permit extension to complete restoration and stabilize erosion and sediment issues that occurred following construction.
5	Husky Oil	Land Use Permit & Water Licence	Slater River Program Area Exploration Licence 494	SMZ 63 - Deh Cho (Mackenzie River), adjacent to CZ 60 - Three Day Lake	Reclamation and Interim Care and Maintenance Project
6	Enbridge Pipelines	Land Use Permit	Enbridge ROW	SMZ 63 - Deh Cho (Mackenzie River)	Pipeline on Enbridge ROW from Sahtu to Alberta border

## Permits & Authorizations Issued in the SLUP Area

Issued between April 1, 2020 and March 31, 2021

### FISHING LICENCES -

Issued by: Fisheries and Oceans Canada (DFO)



MAP #	PROPONENT / COMPANY	AUTHORIZATION / PERMIT REQUEST	LOCATION	SLUP ZONE(S) & TYPE	PROJECT DESCRIPTION
7	DFO	Licence to fish for Scientific Purposes	Great Bear Lake Area	SMZ 23 - Sahtu (Great Bear Lake Watershed), SMZ 25- [in the area of area of] Du K'ets'edi SMZ (Sentinel Islands SMZ), CZ 26 - [near] Du K'ets'edi (Sentinel Islands CZ)	Scientific Research
8	Individual	Educational Licence	Tulita - Mouth of the Little Bear River	SMZ 32 - Petiniᓗᓂᓐ (Bear Rock)	Educational Fishing
9	Individual	Domestic Licence	Mackenzie River (BL Tulita East)	SMZ 32 - Petiniᓗᓂᓐ (Bear Rock)	Domestic Fishing
10	Individual	Domestic Licence	Norman Wells Area	SMZ 63 - Deh Cho (Mackenzie River)	Domestic Fishing
11	Individual	Domestic Licence	The Ramparts (Mackenzie River)	SMZ 64 - Mackenzie River Islands	Domestic Fishing
12	Individual	Domestic Licence	Tulita - Mouth of the Great Bear River	SMZ 33 - Sahtu Deh (Great Bear River), SMZ 32 - Petiniᓗᓂᓐ (Bear Rock)	Domestic Fishing

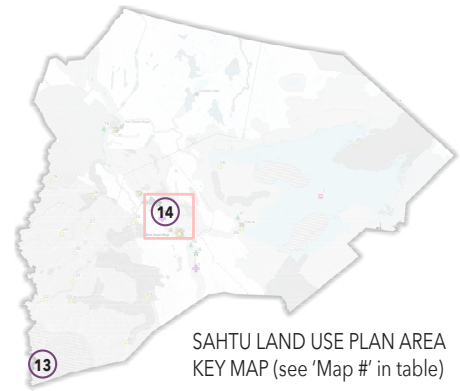


## Permits & Authorizations Issued in the SLUP Area

Issued between April 1, 2020 and March 31, 2021

### ARCHAEOLOGY PERMITS -

Issued by: GNWT Education, Culture and Employment (ECE)



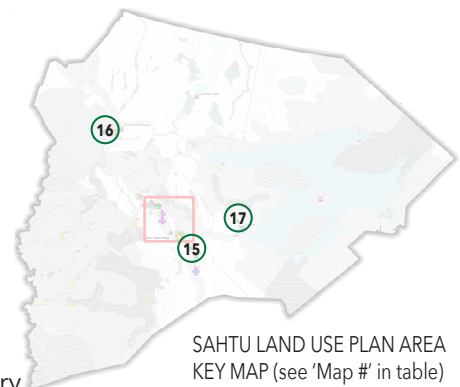
MAP #	PROPONENT / COMPANY	AUTHORIZATION / PERMIT REQUEST	LOCATION	SLUP ZONE(S) & TYPE	PROJECT DESCRIPTION
13	Stantec	Class 2 Archaeology Permit	Howard's Pass, Mackenzie Mountains	PCI 41 - Nááts'ihch'oh	Archaeological Impact Assessment - <i>Permit canceled prior to fieldwork.</i>
14	Stantec	Class 2 Archaeology Permit	Prohibition Creek (Mackenzie Valley Highway)	SMZ 63 - Deh Cho (Mackenzie River)	Archaeological Impact Assessment

## Permits & Authorizations Issued in the SLUP Area

Issued between April 1, 2020 and March 31, 2021

### TIMBER CUTTING PERMITS -

Issued by: GNWT Environment and Natural Resources (ENR) Forestry



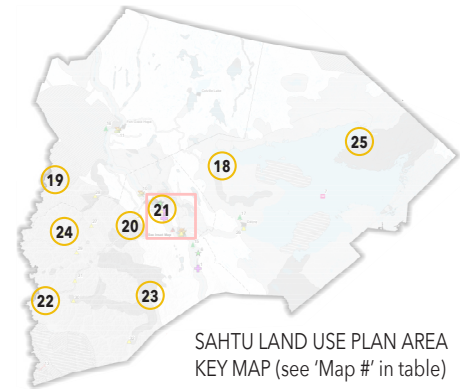
MAP #	PROPONENT / COMPANY	AUTHORIZATION / PERMIT REQUEST	LOCATION	SLUP ZONE(S) & TYPE	PROJECT DESCRIPTION
15	Individual	Timber Cutting Permit	64° 45' 30"N 125° 5' 7"W / 64° 41' 6"N 124° 52' 22"W	SMZ 63 - Deh Cho (Mackenzie River)	Targeting dead standing timber.
16	Individual	Timber Cutting Permit	66° 9' 51"N 129° 11' 10"W / 66° 3' 37"N 128° 54' 22"W	SMZ 63 - Deh Cho (Mackenzie River)	Targeting dead standing timber.
17	Individual	Timber Cutting Permit	65° 18' 46"N 123° 37' 34"W / 65° 14' 36"N 123° 14' 4"W	SMZ 23 - Sahtu (Great Bear Lake Watershed)	Targeting dead standing timber.

## Permits & Authorizations Issued in the SLUP Area

Issued between April 1, 2020 and March 31, 2021

## TOURISM OPERATOR LICENCE, ANNUAL RENEWALS -

Issued by: GNWT Industry, Tourism and Investment (ITI), Tourism



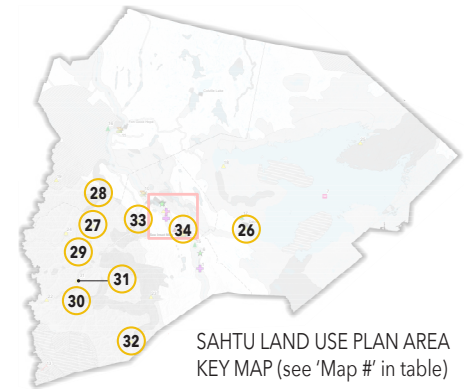
MAP #	PROPONENT / COMPANY	AUTHORIZATION / PERMIT REQUEST	LOCATION	SLUP ZONE(S) & TYPE	PROJECT DESCRIPTION
18	963912 NWT	Tourism Operator Licence	Great Bear Lake	SMZs 23, 25, 26 - Great Bear Lake (fishing)	Remote Fishing Lodge
19	Arctic Red River Outfitters	Tourism Operator Licence	Mackenzie Mountains, Zone G/OT/01	65, 15 (PCI), 42 (CZ), 43, 20 (GUZ), 63, 64 (SMZ) - Mackenzie Mountains	Big Game Outfitter
20	Canol Outfitters	Tourism Operator Licence	Mackenzie Mountains, Zone S/OT/03, Norman Wells, Fort Good Hope, Tulita, Deline	39 (PCI), 40 (CZ), 47, 48, 39, 38 (SMZ) - Mackenzie Mountains	Big Game Outfitter
21	CAN	Tourism Operator Licence	Bear River, Keele River, Natla River, Redstone River, Ravensthorpe River (Tulita District), Mountain River, Horton River (K'asho Got'ine District), Anderson River (Deline District)	33, 46, 63, 22 (SMZ), 11, 38, 42 (CZ),	Paddling Operator
22	Dechenla Lodge	Tourism Operator Licence	Mile 212 Canol Heritage Trail	39 (PCI)	Remote Lodge
23	Drum Lake Lodge	Tourism Operator Licence	Drum Lake	40 (CZ)	Remote Lodge
24	Gana River Outfitters	Tourism Operator Licence	Mackenzie Mountains, Palmer Lake, Zone S/OT/01	38 (SMZ), 45 (CZ)	Big Game Outfitter
25	Great Bear Lake Lodge	Tourism Operator Licence	Great Bear Lake, Zone S/MX/01 and S/BC/01, Horton River, Coppermine River	23, 22 (SMZ)	Remote Fishing Lodge

## Permits & Authorizations Issued in the SLUP Area

Issued between April 1, 2020 and March 31, 2021

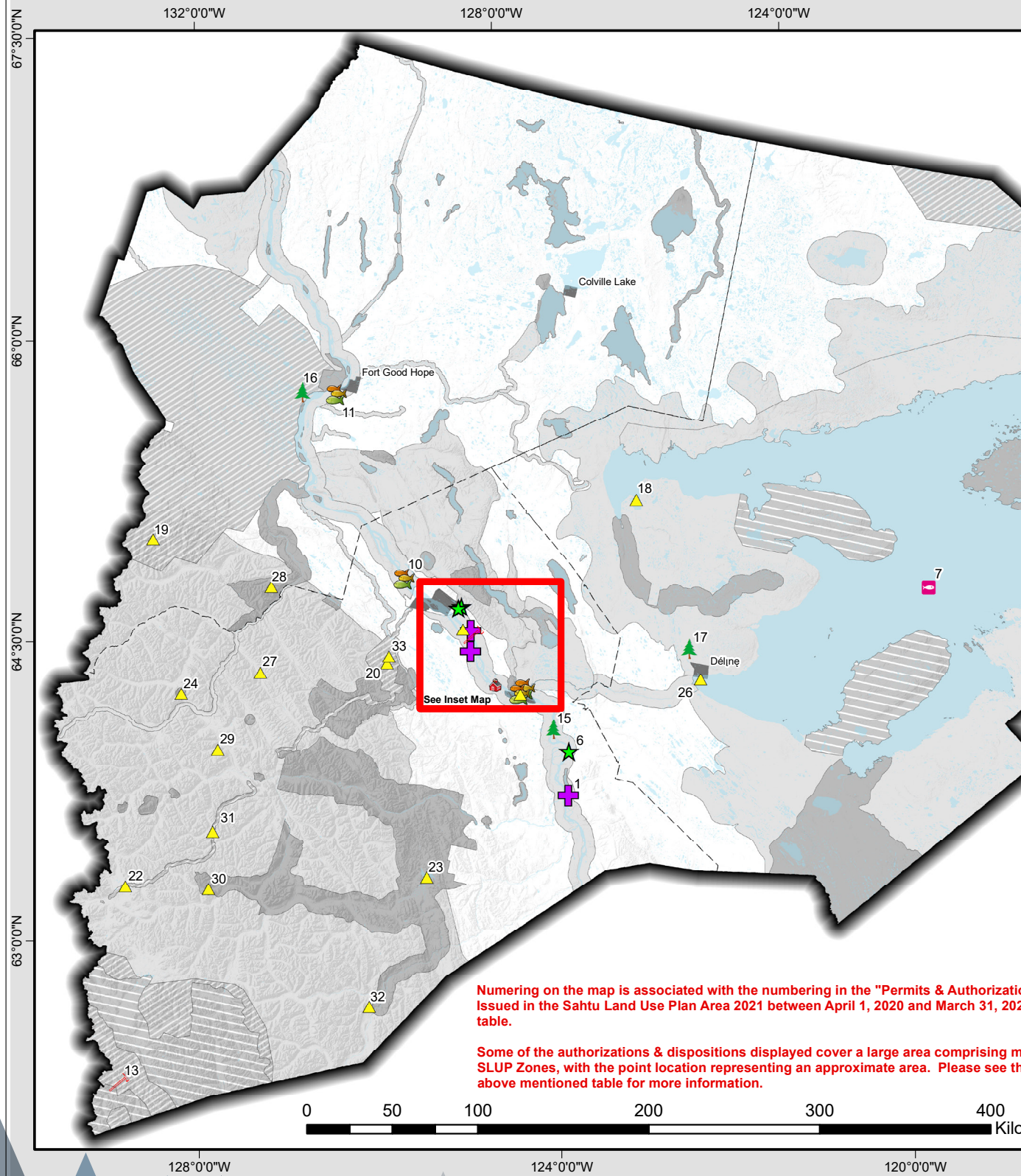
## TOURISM OPERATOR LICENCE, ANNUAL RENEWALS (cont.) -

Issued by: GNWT Industry, Tourism and Investment (ITI), Tourism



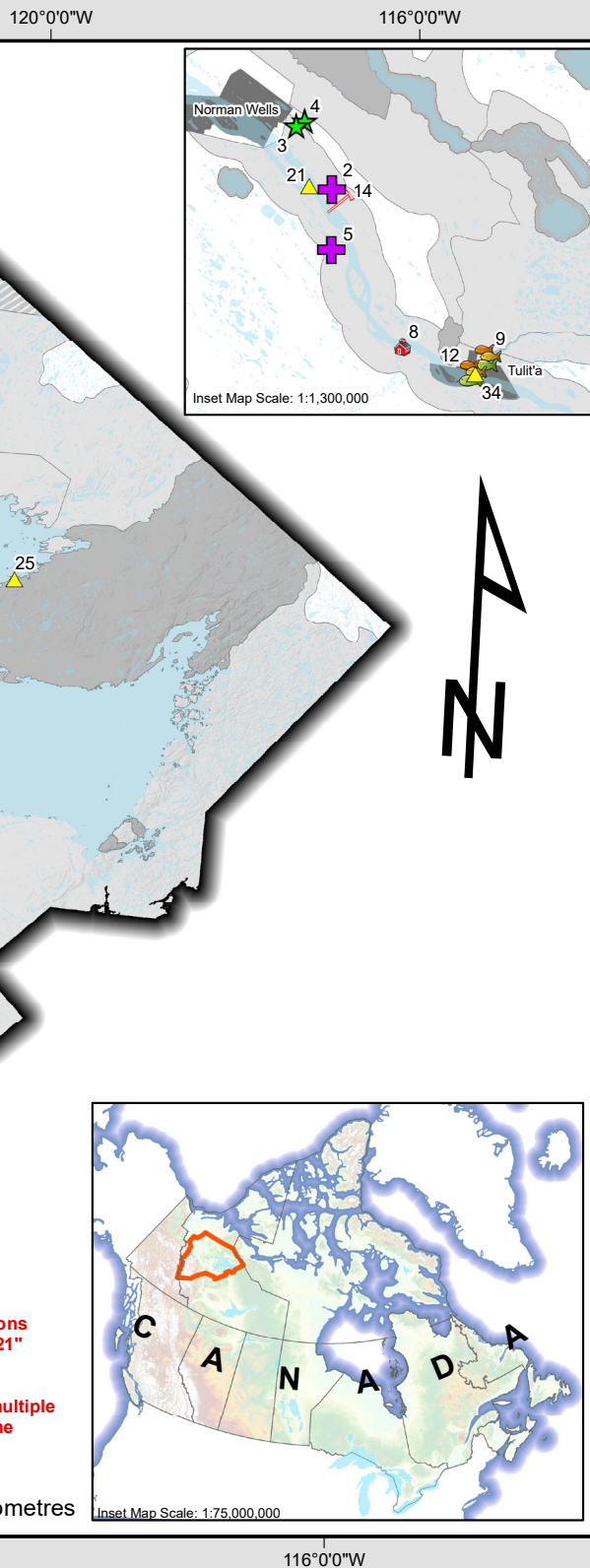
MAP #	PROPONENT / COMPANY	AUTHORIZATION / PERMIT REQUEST	LOCATION	SLUP ZONE(S) & TYPE	PROJECT DESCRIPTION
26	Grey Goose Lodge	Tourism Operator Licence	Great Bear Lake, Deline District, Zone S/MX/01, S/BC/01	22, 23, 24, 25 (SMZ), 26, 27, 30, (CZ), 66 (PCI)	Tourism Lodge
27	Mackenzie Mountain Outfitters	Tourism Operator Licence	Mackenzie Mountains Zone S/OT/02	38 (SMZ)	Big Game Outfitter
28	Mountain River Outfitters	Tourism Operator Licence	Canol Heritage Trail, Horton River, Keele, Mackenzie River, Mountain River	22, 46 (SMZ), 39 (PCI), 40, 42 (CZ),	Eco-Tourism Operator
29	North-Wright Airways	Tourism Operator Licence	Many places in Sahtu Region	11, 35, 44, 45, 53, 54, 56, 57, 59, 60 (CZ), 22, 38, 43 (SMZ), 39 (PCI)	Eco-Tourism Operator
30	NWT Outfitters	Tourism Operator Licence	June Lake, Keele River, Zone S/OT/04	40 (CZ), 38 (SMZ)	Big Game Outfitter
31	Ram Head Outfitters	Tourism Operator Licence	Godlin Lake, Godlin River	38 (SMZ)	Eco-Tourism Operator
32	Raven's Throat Outfitters	Tourism Operator Licence	Dal Lake, Hay Hook Lake, Mackenzie Mountains, Zone S/OT/05, All watershed within S/OT/05	38 (SMZ), 40 (CZ)	Big Game Outfitter
33	Sahtu Adventures	Tourism Operator Licence	Bear Rock, Canol Heritage Trail, Franklin Mountain Range, Great Bear Lake, Keele River, Kelly Lake, Tulita District	23 (SMZ), 32, 40, 56, 57 (CZ), 39 (PCI),	Eco-Tourism Operator
34	Tourism Tulita	Tourism Operator Licence	Tulita	N/A	Cultural Tourism Operator

# Authorizations & Dispositions Issued t





# Map that Implement the SLUP- FY2020-21



## Legend

### Authorizations & Dispositions

- Class 2 Archaeology Permit
- Licence to Fish for Scientific Purposes
- Domestic Licence (Fishing)
- Educational Licence (Fishing)
- Land Use Permit
- Land Use Permit and Water Licence
- Tourism Operator Licence
- Timber Cutting Permit

### SLUP Zone Type

- Community Boundary
- Conservation Zone
- General Use Zone
- Established Protected Area
- Proposed Conservation Initiative
- Special Management Zone

### Base Data

- Sahtu District Boundary
- Rivers & Lakes

### Data Sources:

- Authorizations & Dispositions, Compiled by the Sahtu Land Use Planning Board, Received from Regulators from FY2020-21, 2021.
- Hillshade - CDEM, Natural Resources Canada, Government of Canada.
- Rivers & Lakes - National Topographic Database (NTDB), Natural Resources Canada, Government of Canada.
- Sahtu Land Use Plan Zoning - Sahtu Land Use Planning Board, 2015.
- Sahtu Settlement Area - Canada Lands Administrative Boundary (CLAB), Canada Lands Survey System, Natural Resources Canada, Government of Canada, 2014.

### Projection:

Coordinate System: NAD 1983 NWT Lambert  
 Projection: Lambert Conformal Conic  
 Datum: North American 1983  
 Central Meridian: -112.0000  
 Standard Parallel 1: 62.0000  
 Standard Parallel 2: 70.0000  
 Latitude of Origin: 0.000  
 EPSG Code: CRS 3580  
 Data Scale: 1:250,000  
 Map Scale: 1:2,800,000

### Information:

The Map is for illustrative purposes only. This map is not a legal document and should not be treated as such.

This map was developed by the Sahtu Land Use Planning Board (SLUPB). For further information about this map or other GIS products, contact:

### Sahtu Land Use Planning Board

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Date Produced: July 27, 2021

Document Path: \\10.117.7.122\GIS Data\Maps\Working\_Files\2021\IM&E\_Stream1\IM&E\_Stream1\_2020-21.mxd

# PROGRESS TOWARD ACTIONS & RECOMMENDATIONS

The Sahtu Land Use Plan contains Actions and Recommendations that are intended to guide the Sahtu Land Use Planning Board, applicants, and regulators responsible for implementing the Sahtu Land Use Plan. The SLUP states, *“approving Parties agree to make reasonable efforts to complete all Actions pertaining to them.”* Recommendations are advisory in nature: the parties have been asked to *“consider and implement recommendations wherever feasible and appropriate”* (SLUP, p. 49).

The Sahtu Land Use Planning Board and regulators made some progress towards the Actions and Recommendations during the 2020/21 fiscal year despite an overall slow year for development in the Sahtu region due to the COVID-19 pandemic. Reporting on progress is included below, as provided by the indicated organizations.

## ACTION #1: Sahtu Land Use Working Group

**Responsibility: Sahtu Land Use Planning Board**

SAHTU LAND USE PLAN - EXCERPT:

1. *“The SLUPB will make reasonable efforts to establish and lead a Sahtu Land Use Working Group as a collaborative forum through which to discuss, study and resolve key regional land use issues, and Plan implementation issues.”*
2. *The SLUPB will chair the Working Group, which will consist of equal representation from Sahtu aboriginal organizations, and from government, regulators, industry and environmental organizations. Other participants may be invited from time to time to participate as resource people. Quorum requirements will be set to ensure adequate involvement of aboriginal organizations and government in all meetings.*



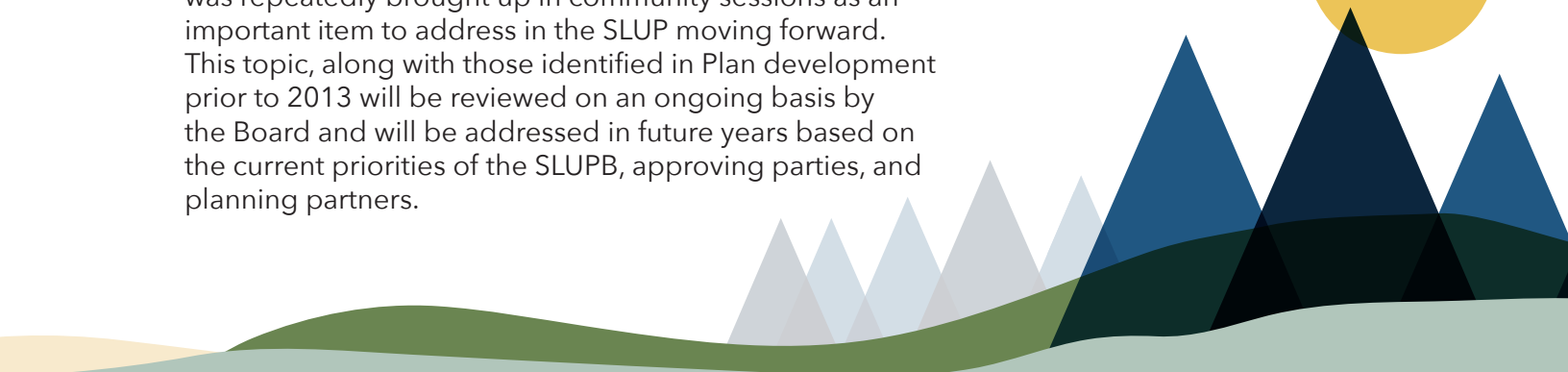
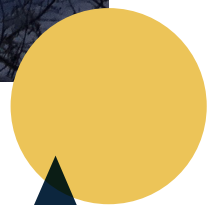
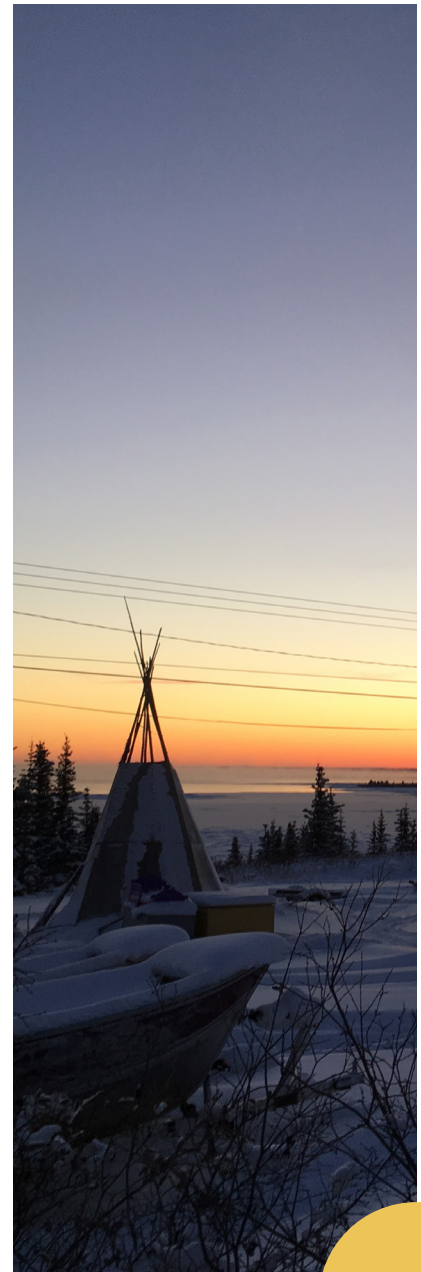
3. *The SLUPB will hold Working Group meetings as needed, in person or via teleconference to advance key planning issues and identify solutions for consideration in future Plan amendments.*
4. *The Working Group members will collaboratively set priorities, develop annual workplans, and identify sources of funding as needed to advance this work.”*

### **SAHTU LAND USE PLANNING BOARD (SLUPB) PROGRESS REPORT:**

In the Plan Development stage of the SLUP, there was interest in forming a formal Working Group led by the SLUPB. The original intent of the Working Group was to allow for better communication and coordination between communities and organizations involved in land use in the region, improve relationships and access to relevant information, and provide for adaptive learning and management within the Sahtú Settlement Area. There was one attempt by the SLUPB to establish this formal Working Group in 2017 with little response. Because of this, as well as limited funding and capacity within the SLUPB and staff, no further action was taken. Since then, the SLUPB has adopted a more informal approach to working with the approving parties, Designated Sahtú Organizations, and other planning partners based on the issues currently facing the SLUPB.

The original intent of the Working Group is still a priority for the SLUPB. but given the current constraints, the SLUPB will approach this work in a more strategic and targeted way. The commitment to work closely in collaboration and coordination with Planning Partners remains and will be actively pursued.

During engagement for the first five-year review and associated amendments to the SLUP, climate change was repeatedly brought up in community sessions as an important item to address in the SLUP moving forward. This topic, along with those identified in Plan development prior to 2013 will be reviewed on an ongoing basis by the Board and will be addressed in future years based on the current priorities of the SLUPB, approving parties, and planning partners.





## ACTION #2:

# Inspection and Enforcement Priorities

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**Responsibility:** Government departments and other agencies

### SAHTU LAND USE PLAN - EXCERPT:

*"All government departments and agencies and other bodies having monitoring and enforcement responsibilities will make reasonable efforts to consider the zone designation in setting their inspection and enforcement priorities, recognizing that Conservation Zones, Proposed Conservation Initiatives and Special Management Zones have been identified as sensitive areas requiring a higher level of care."*

### DFO (CANADA) PROGRESS REPORT:

DFO Conservation and Protection (C&P) did not complete any activities last fiscal in the Sahtu but did receive one complaint regarding sport fishing activity on Great Bear Lake. This fiscal C&P are looking into options for a joint patrol with our partner agencies during the summer season.

### ENR FORESTRY (GNWT) PROGRESS REPORT:

Timber Cutting Permits (TCPs) and Timber Cutting Licenses (TCLs) are not issued in Conservation Zones nor Proposed Conservation Initiatives. The few TCPs that have been issued in Special Management Zones have been for low volumes (<300 m<sup>3</sup>) and target dead standing timber; these are hunt and peck operations and no cut-blocks are proposed.





## ACTION #3:

# Access to Wildlife Information

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**Responsibility: Wildlife managers**

### SAHTU LAND USE PLAN - EXCERPT:

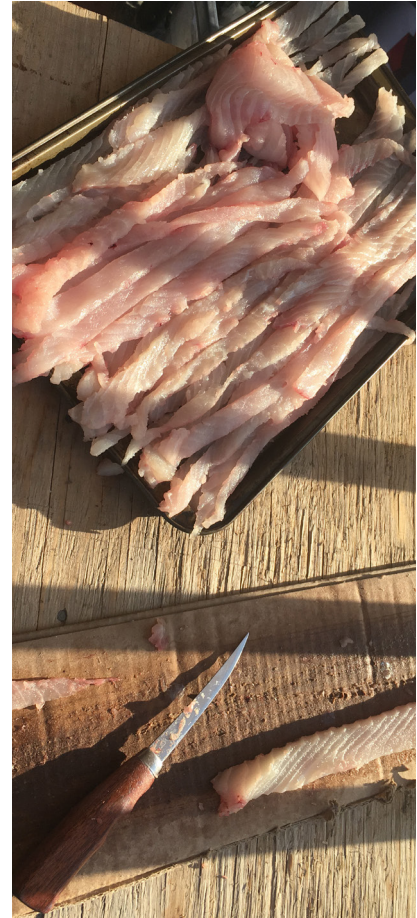
*"Wildlife managers (ENR, CWS, PCA, SRRB and DFO) will make reasonable efforts to share, as circumstances require, current available data on important and critical wildlife habitat for fish, furbearers, waterfowl, raptors, barren-ground caribou, mountain and boreal woodland caribou, moose, muskox, mountain goats, Dall's sheep, grizzly bears and black bears. Data will be provided subject to laws of general application regarding privacy and access to information."*

### DFO (CANADA) PROGRESS REPORT:

DFO Science has been working on projects on Great Bear Lake with community members. The projects involve the collection of information on fish and fish habitat at depth; water quality information; and information on organisms at lower trophic levels that could be food for fish. This information has been shared with communities and the Sahtu Renewable Resource Board (SRRB) through plain language documents, community meetings and other online resources. DFO Science has also been working with the SRRB and Cumulative Impact Monitoring Program on the relationship between sediment types and where fish occur.

### ENR FORESTRY (GNWT) PROGRESS REPORT:

Forest Management Division (FMD) is responsible for the development of forest vegetation inventories and other similar products. This data is made available, upon request, to parties looking to utilize this information. FMD is currently working on an updated satellite-based inventory that includes the Sahtu Region.



## ACTION #4:

# Water Withdrawals

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**Responsibility:** DFO, GNWT-ENR, SLWB

**SAHTU LAND USE PLAN - EXCERPT:**

*"DFO, GNWT-ENR, and the SLWB will make reasonable efforts to work with communities as requested to discuss community concerns related to water withdrawal, DFO's winter water withdrawal protocol, and alternative solutions to water withdrawal related to specific projects."*

**DFO (CANADA) PROGRESS REPORT:**

DFO's winter water withdrawal protocol is in effect but does not require an applicant to submit a request for authorization for water withdrawals within the protocol.

**ENR (GNWT):**

No progress report provided.

**SAHTU LAND AND WATER BOARD:**

No progress report provided.



## RECOMMENDATION #1:

# Air Quality

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**Responsibility: ENR**

SAHTU LAND USE PLAN - EXCERPT:

1. "ENR is encouraged to provide interested parties with a paper copy of the Annual Air Quality
2. Report, and direct them to ENR's Air Quality Programs Coordinator as necessary.
3. ENR is encouraged to continue to study the feasibility and advisability of expanding the air quality monitoring network in the NWT. This will be based primarily on industrial development, population growth, and available resources.
4. ENR is encouraged to continue to develop air quality related regulations, guidelines and/or standards, as appropriate, for application within territorial jurisdiction through the NWT
5. Environmental Protection Act.
6. Regulators are encouraged to recommend to those applying for permits, licences or other authorizations that they conduct all activities in the SSA in conformity with the standards set out in the GNWT's Guidelines for Ambient Air Quality Standards, and other applicable federal or territorial regulations, guidelines or standards as they are developed."

No progress was reported on this recommendation in the 2020/21 fiscal year.



## RECOMMENDATION #2:

# Climate Change

**Responsibility: Applicants and regulators**

### SAHTU LAND USE PLAN - EXCERPT:

*"Applicants and regulators are encouraged to integrate an analysis of the effects of climate change into proposed land use activities, including structures and operations. These effects should be accommodated in the design, operation, and closure and reclamation of the proposed activities. Throughout the planning, development, and management phases, applicants and regulators are also encouraged to assess, report, and monitor how proposed activities contribute to climate change and take steps to minimize such effects."*

### DFO (CANADA) PROGRESS REPORT:

A goal of DFO/CCG's Sustainable Development Strategy (SDS) 2020 to 2023 is "Effective action on climate change". DFO works closely with Environment and Climate Change Canada (ECCC) and other partners to better understand climate change impacts and advance a long-term climate strategy for Canada. This includes scientific research and monitoring to inform decisions on fisheries management, species conservation, and marine safety. DFO also supports the SDS goal of "Greening Government", and is committed to transitioning to low-carbon, climate resilient and green operations. DFO Science is working with the SRRB and CIMP on the relationship between climate effects on sediment types and where fish occur.

### ENR FORESTRY (GNWT) PROGRESS REPORT:

All forest authorization in the Sahtu have been for fuelwood harvesting which is a climate change mitigation





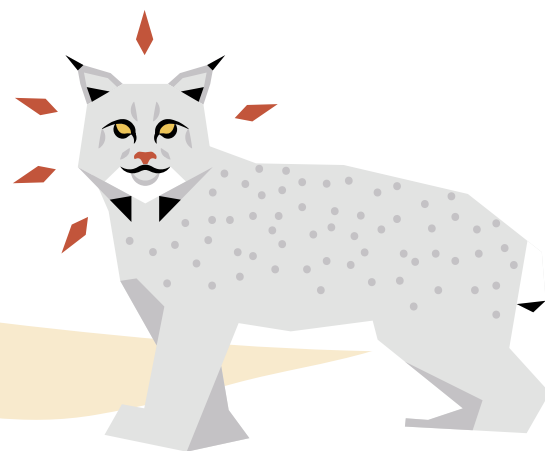
strategy; increased biomass heating sources equates to lower fossil fuel emissions.

### **ITI TOURISM (GNWT) PROGRESS REPORT:**

ITI is required to ensure Tourism Operator License (TOL) Applications: 1. meet the Tourism Act/Regulations requirements to submit a TOL Application; 2. ensure the proposed activities are safe to the public; and 3. require all applications are submitted to the necessary stakeholders and rights holders to ensure proper consultation is carried out to ensure potentially affected rights holders and stakeholders have the opportunity to voice their concerns, issues, comments, regarding the application. Section 7.4(e) states "The activity to be conducted by the applicant will not have a negative impact on the environment." Based on this provision we ensure we consider this factor when reviewing all TOL Applications and rendering any decisions with respect to license applications.

### **SAHTU LAND AND WATER BOARD PROGRESS REPORT:**

The Board did not approve the use of mix-bury cover for disposal of bentonite drill cuttings for Enbridge Line 21 Pipeline Replacement Project due to potential residual environmental effects of permafrost degradation, erosion and slope instability that may interact directly and cumulatively with each other, and may be exacerbated by climate change, especially high rainfall in the spring and summer months. For new Road construction Projects, (e.g. Prohibition Creek ASAR) the Board is requiring a Permafrost Mitigation and Erosion and Sediment Plan to identify site-specific issues in the proposed road alignment and have prepared contingency measures if permafrost is encountered.



## RECOMMENDATION #3: Community Land Use Monitors

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### **Responsibility: Applicants**

#### SAHTU LAND USE PLAN - EXCERPT:

*"Where deemed necessary by the community, Applicants are encouraged to fund the local Renewable Resources Council (RRC) to hire an independent, qualified community land use monitor, and support the monitor. In the case of small-scale activities where little to no environmental impact is expected, applicants are encouraged to employ a community research assistant instead."*

The SLUPB will be talking to communities to understand how this recommendation is being implemented. However, none of the authorizations issued in 2020/21 are expected to trigger this recommendation.



## RECOMMENDATION #4: Incidental Harvest

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### **Responsibility: Applicants**

#### SAHTU LAND USE PLAN - EXCERPT:

*"Applicants are encouraged to avoid waste of usable resources and share any incidental harvest with nearby communities."*

The SLUPB will be talking to communities to understand how this recommendation is being implemented. However, none of the authorizations issued in 2020/21 are expected to trigger this recommendation.



## NEXT STEPS

The Sahtu Land Use Planning Board's monitoring work in 2020/21 focused on initiating Stream 1 monitoring with District Land Corporations, regulators and others who approve land uses in the Sahtu Region. We have been successful in developing reporting tools for regulators to share information with the Board and have begun discussions with the District Land Corporations about how they approve land uses in the Plan area. Communication with the regulators drew attention to their responsibilities to implement the SLUP and built a better understanding of which authorizations (permits, licenses, etc.) are used to implement the Plan. We will be updating the SLUP Implementation Guide to reflect the outcomes of these discussions.

Because reporting systems were being put in place this year, regulators were asked to provide just what information was available about applications and authorizations in the region. In future years, regulators will be required to submit full records of how they considered and applied each of the conformity requirements relevant to each application. This fuller reporting will provide information on how the Plan is being interpreted and applied across the many regulators who are responsible for implementing it. We expect to streamline the reporting tools and processes over time as we gain experience collecting and managing this information.

While our initial work has focused on Stream 1 monitoring, work on Stream 2 monitoring will also continue in the coming years. Our staff will compile and publish monitoring results each year and will lead a deeper review of the results at regular intervals. These reviews will evaluate decision-making processes to see how the plan is being applied, and identify where adjustments, clarification, or changes to the Plan are needed to better meet its goals of protecting and promoting the social, cultural, and economic well-being of the people and communities in the Sahtu Settlement Area.





You are welcome to contact us

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