



Sahtu Land Use Planning Board

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SLUP Amendment Application (DRAFT)

Presented for preliminary review to the:

The Sahtu Secretariat Incorporated (SSI)

Government of the North West Territories- Department of Lands (GNWT)

Government of Canada- Aboriginal Affairs and Northern Development Canada (AANDC)

October 7, 2015

**SLUP Amendment Application:**

Under section 6.1(7) of the Rules of Procedure adopted by the Sahtu Land Use Planning Board on October 23, 2014, if a SLUP amendment application is brought by the Board, the application shall include the information required under Rule 6.1(2). The following information is hereby presented by the Board.

A. The identity of the applicant and a description of how the applicant is affected by the Plan:

The applicant is the Sahtu Land Use Planning Board ("SLUPB" or "Board"). An amendment to the *Canada National Parks Act* on December 16, 2014 brought the Nááts'ihch'oh National Park Reserve of Canada (NANPR) under legislation. As of that date, lands within the NANPR are no longer subject to the Sahtu Land Use Plan ("SLUP" or "Plan") in accordance with section 34 of the *Mackenzie Valley Resource Management Act*. In its role as Plan implementation monitor, the SLUPB recognizes the establishment of the NANPR as a change in SLUP boundary that affects the zoning and thereby requires Plan amendment(s) per the SLUP (Section 2.2).

Applicant and Contact information:

Heather Bourassa, Chair

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B. List of all proposed amendments and their purpose, including the applicable sections of the approved Plan:

Approval Party Review Note: The following are the proposed amendments to the SLUP. Be advised during your review that the SLUP table of contents, page numbering, and footnotes may require additional changes. These minor modifications will be incorporated into the final amendment application. All noted locations (i.e. page numbers) in the Draft Amendment Application and Appendix refer to the approved SLUP.

Below is a summary of the proposed amendments. Please refer to the attached Amendment Application Appendix for further detail, including completed maps and tables. Document locations refer to the SLUP approved August 8, 2013.

Section 2.2 Application of the Plan to Protected Areas



-
- 1) Page 20. Paragraph 1 lines 2-6: Remove reference to Nááts'ihch'oh National Park Reserve. No longer applicable. The following sentences will be removed:

~~*In addition to the PAS process, Nááts'ihch'oh National Park Reserve and Tuktut Nogait National Park are following a process specific to nation park creation as described in the SDMCLCA, and the Doi T'oh Territorial Park and Canol Heritage Trail is being established as a commitment described in the SDMCLCA. There are a number of protected areas at different stages of establishment.*~~

The amended sentences shall read:

In addition to the PAS process, there are other mechanisms and processes for protected areas at different stages. For example, the Tuktut Nogait National Park expansion has not yet been brought under legislation and the Doi T'oh Territorial Park and Canol Heritage Trail are being established as a commitment described in the SDMCLCA.

- 2) Page 20. Paragraph 5 line 9: Delete "of" and replace with "or." For clarity. The sentence will read:

Information documented on the values of the PCI during the park or protected area establishment process...

Section 3.3 General Conformity Requirements

- 3) Page 32: Replace Map 2: Land Use Zones. Amended map includes proposed zoning changes.
- 4) Page 33-35: Replace Table 3. Zone Prohibitions and Applicable Conditions. Amended table is inserted to reflect zoning changes.
- 5) Page 41: Replace Map 3: Barren-Ground Caribou and Woodland Caribou Range. Amended map includes proposed zoning changes.
- 6) Page 44: Replace Map 4: Sensitive Species and Features. Amended map includes proposed zoning changes.

Appendix 1. Zone Descriptions

- 7) Page 64: Replace Table 5. Zone Descriptions. Amended table is inserted to reflect zoning changes.
- 8) Page 65-66: Replace Table 6. Zones Listed by Zone number. Amended table is inserted to reflect zoning changes.
- 9) Page 67: Replace Table 7. Zones Listed by Dene Name Alphabetical. Amended table is inserted to reflect zoning changes.
- 10) Page 75: Replace Map 10: Zone Boundaries. Amended map includes proposed zoning changes.
- 11) Page 133, Table row 5, column 2: Delete 40,029 and replace with 40,563. Change in zone size. The amendment accounts for land from Zone 41 PCI rezoned into Zone 38 SMZ.
- 12) Page 135, Paragraph 4 Economic Importance, line 1. Delete 16% and replace with 15%.
- 13) Page 140: Zone 41 Naats'ihch'oh Repealed. Zone Description removed and new text added to clarify zone history and status.



- 14) New Item. Zone Description for Zone 67 Nááts'ihch'oh Special Management Zone added to the SLUP following Zone 66.
- 15) New Item. Zone Description for Zone 68 Nááts'ihch'oh Conservation Zone added to the SLUP following Zone 67.

Appendix 2. Map References and Data Sources

- 16) Page 178 and 179. Amendment to update to data sources used to create amended Maps 2, 3, 4, and 10. Amended Appendix 2 to follow Appendix 1.

C. Description of any current uses of the land and the proposed changes:

The proposed 16 amendments are to rezone lands within Zone 41 Nááts'ihch'oh Proposed Conservation Initiative. The 2013 SLUP describes the area having known mineralization including existing mineral claims and leases. The Howard's Pass Access Road was built in the 1970's, and was under improvement when the SLUP was approved. In July 2015 further improvements to the road were proposed which are currently under an Environmental Assessment. The lands are important for their cultural significance and traditional uses. They also contain important wildlife habitat and migration routes, sensitive ecological and cultural features, and are located in the headwaters of the Nahanni, Keele and Redstone Rivers.

The proposed amendments would repeal Zone 41, removing the Proposed Conservation Initiative (PCI) designation. Lands would be re-zoned into existing Zone 38 Mackenzie Mountains Special Management Zone (SMZ) or one of two new zones, Zone 67 Nááts'ihch'oh SMZ and Zone 68 Nááts'ihch'oh Conservation Zone (CZ).

Zone 38 Mackenzie Mountains SMZ

During the creation of the NANPR, some parcels of land from Zone 38 SMZ (2013 SLUP) were included within the final NANPR boundaries. These small parcels are located in the vicinity of O'Grady Lake. As these lands were not within Zone 41 PCI, the Board notes that the designation of these lands as part of the NANPR is inconsistent with MVRMA section 46(2). Despite this, the proposed rezoning of the SMZ recognizes the NANPR boundaries. The result is the removal of these parcels of land from Zone 38 that are now within the NANPR. The proposed rezoning also includes an expansion of the SMZ to incorporate lands of the PCI that fall outside of the South Nahanni Watershed.

Zone 67 Nááts'ihch'oh SMZ

The SMZ is proposed for areas considered to have high mineral resource potential as determined by the 2007 Mineral and Energy Resource Assessment (MERA) of the Greater Nahanni Ecosystem. The proposed zone includes four parcels, A through D, located in the headwaters of the South Nahanni River. These lands also contain migration routes and important habitat for large body wildlife, as well as recreational areas and ecological features. Existing SLUP conformity requirements (CR) provide a level of protection for these values:

- CR #4 Archaeological and Burial Sites
- CR #5 Watershed Management
- CR #7 Fish and Wildlife
- CR #9 Sensitive Species and Features
- CR #14 Protection of Special Values



Zone 68 Nááts'ihch'oh CZ

The CZ is proposed to provide additional conservation of 16 parcels, A through P. This includes zone 68A in relative proximity to the NANPR namesake (Mt. Nááts'ihch'oh) and Moose Ponds, with high grizzly bear densities. Zone 68B north of the NANPR which is known to be an important Redstone herd calving ground. In addition, the zone includes 14 smaller parcels bordering the NANPR, C through P. All parcels are located in the South Nahanni Watershed, and the CZ will provide further protection to the watershed.

D. Description of how the proposed amendment is consistent with the guiding principles of the Plan and why the amendment is necessary:

Per Section 2.2 of the SLUP, an amendment is necessary following a change in boundary or status of an area being proposed for protection.

The proposed amendments are consistent with the guiding principles of the SLUP Section 1.4, which comes from the *Sahtu Dene and Metis Comprehensive Land Claim Agreement (SDMCLCA)*. From the onset of the amendment process, the Board's aim has been to strike a balance in protecting economic, social, cultural, and environmental values. The amendments proposed have been considered based on:

- economic and employment benefits the areas' mineral resource potential holds for the residents of the settlement area and all Canadians [SLUP 1.4 a, b(i), f],
- need to protect harvested species, other important wildlife habitat, and ecological features [SLUP 1.4 b(ii),(f)],
- protection of water resources, in particular the headwaters of the South Nahanni [SLUP 1.4 d],
- input provided from communities and Designated Sahtu Organizations through documentation available on the park reserve establishment process, input directly received through opportunities to provide written comments, and the SLUPB hosted public meetings in Tulita, Norman Wells, and Yellowknife [SLUP 1.4 b(iii),e].

E. Any information relied upon in support of the application

Information relied upon in support of the application is posted to the SLUPB's online registry found at www.sahtulanduseplan.org

Since the 2013 approval of the SLUP, the Board monitored the establishment of the NANPR and maintained a collection of relevant information in the forms of reports, GIS data, and maps. Once the NANPR came under legislation, the Board prepared and distributed the *Background Report: Amending the Sahtu Land Use Plan following the creation of the Nááts'ihch'oh National Park Reserve*. This report summarized the available information to the Board to support its decision making process. The report was released on April 17, 2015 for a 60-day public comment period, later extended until August 3, 2015. The Board received seven sets of written comments. The Board also hosted three public meetings in July 2015 in Tulita, Norman Wells, and Yellowknife. A summary of public input from those meeting was produced and posted to the registry.



Applicant Signature:

(DRAFT For MRVMA Party Review Only)
Heather Bourassa, Chair
Sahtu Land Use Planning Board

(Date)

SLUP Amendment Application Appendix

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Amendment 1 and 2

Section 2.2 Application of the Plan to Protected Areas

- 1) Page 20. Paragraph 1 lines 2-6: Remove reference to Nááts'ihch'oh National Park Reserve. No longer applicable. The following sentence will be removed:

~~*In addition to the PAS process, Nááts'ihch'oh National Park Reserve and Tuktut Nogait National Park are following a process specific to nation park creation as described in the SDMCLCA, and the Doi T'oh Territorial Park and Canol Heritage Trail is being established as a commitment described in the SDMCLCA. There are a number of protected areas at different stages of establishment.*~~

The amended sentences shall read:

In addition to the PAS process, there are other mechanisms and processes for protected areas at different stages. For example, the Tuktut Nogait National Park expansion has not yet been brought under legislation and the Doi T'oh Territorial Park and Canol Heritage Trail are being established as a commitment described in the SDMCLCA.

- 2) Page 20. Paragraph 5 line 9: Delete “of” and replace with “or.” For clarity. The sentence will read:

Information documented on the values of the PCI during the park or protected area establishment process...

2.2 APPLICATION OF THE PLAN TO PROTECTED AREAS

In the NWT, establishment of many protected areas is coordinated through the Protected Areas Strategy (PAS). In addition to the PAS process, there are other mechanisms and processes for protected areas at different stages. For example, the Tuktut Nogait National Park expansion has not yet been brought under legislation and the Doi T'oh Territorial Park and Canol Heritage Trail are being established as a commitment described in the SDMCLCA. Some areas have been granted protection or interim protection under legislation, and some have been protected under the land claim.

As noted under 2.1 above, the *MVRMA* exempts lands administered and owned by the Parks Canada Agency. The Plan, however, has a role in the establishment or expansion of a National Park, or in the acquisition of a NHSC by Parks Canada.¹

The *MVRMA* does not grant a similar exemption for other types of protected areas. Both the establishment of other protected areas, and management of land use within them, are subject to the Plan. However, upon establishment, such areas will be subject to management direction from the sponsoring legislation, and in many cases, management plans developed specifically for these areas. In order to avoid conflict and duplication with that direction, the Plan will not provide any further direction to protected areas established under the Protected Areas Strategy, or otherwise (in the case of Doi T'oh Territorial Park and Canol Heritage Trail) once they are completed.

The approach of the Plan is to zone all areas proposed for protection - including initiatives for Parks Canada to establish a national park or to acquire a national historic site – as Proposed Conservation Initiatives, having the same status as Conservation Zones under the Plan until the protected area or national park is established and the national historic site is acquired. Once a national park is established or a national historic site is acquired by Parks Canada, the Plan will cease to apply by operation of the *MVRMA*. These areas are designated as Established Protected Areas in the Plan's zoning. Once a proposed protected area is established, it too will be designated as an Established Protected Area. All Established Protected Areas will be managed according to their sponsoring legislation management plans and/or management agreements as determined during the establishment process. The Plan will provide no further direction within these areas.

A change in boundary or status of an area being proposed for protection (through either PAS, Parks Canada process or otherwise) affects the Plan's zoning and will require a Plan amendment as per the process described in Chapter 5, including approval by SSI, the GNWT and Canada. This can take considerable time. Where Plan amendments are anticipated, discussions with the SLUPB should be started as early as possible so that any Plan amendment can be considered and approved at the same time as the final establishment of the protected area. For clarity, upon the establishment of a park or protected area which encompasses some but not all of a PCI, the SLUPB will engage the approving parties with regard to alternate zoning for all portions of the PCI. Information documented on the values of the PCI during the park or protected area establishment process should be used to set out special management conditions for the portion of the PCI excluded from the park or protected area.

¹ *MVRMA* S. 46(2).

Amendment 3

Section 3.3 General Conformity Requirements

- 3) Page 32: Replace Map 2: Land Use Zones. Amended map includes proposed zoning changes.

This map would replace the current map found on page 32. Proposed zoning changes are in the southwest corner regarding lands zoned in the 2013 SLUP as Zone 41 Nááts'ihch'oh. The new map shows the enlargement of Zone 38 SMZ, and new Zone 67 SMZ and Zone 68 CZ.

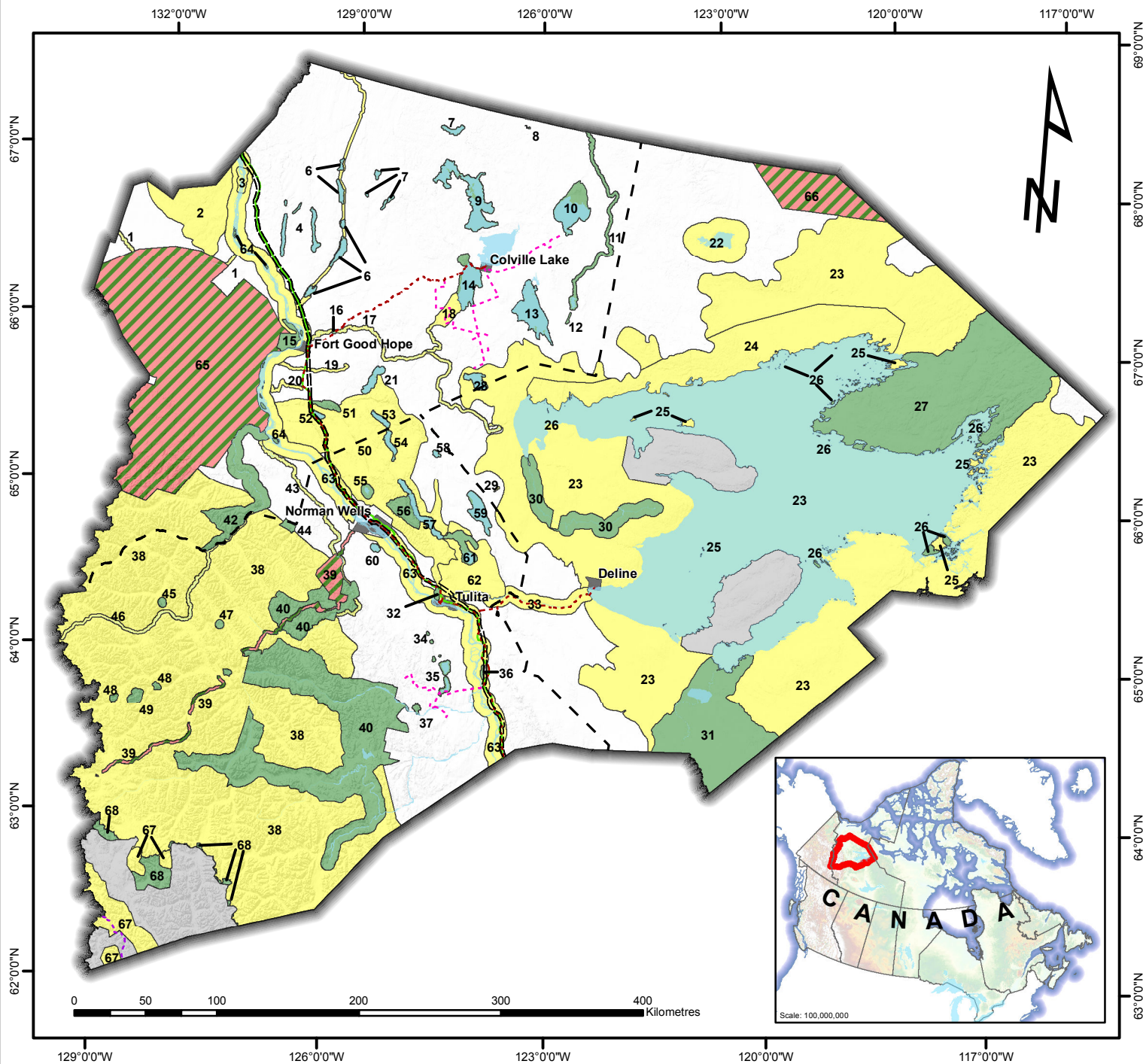
The new map also includes the Howard's Pass Access Road. This infrastructure was noted during the planning process.

No other changes to SLUP Zones were made. To improve the overall clarity of the map the amended map has some formatting changes that include:

- New Canada insert map
- Reformatted Legend
- New Projection details box
- Scale bar
- Coordinate (latitude/longitude) references along map edge

Sahtu Land Use Plan

Map 2: Land Use Zones



Legend

=== Pipeline Corridor	SLUP Zoning
— Proposed Mackenzie Valley Highway	Zone Type
- - District Boundaries	Community Boundary
--- Access Roads	Conservation Zone
--- Winter Roads	General Use Zone
--- Mining Access Roads	Established Protected Area
Blue Rivers & Lakes	Proposed Conservation Initiative
	Special Management Zone

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: 1:4,000,000

**Please consult Appendix 2
for map references**

Date produced:
September 21, 2015

Amendment 4

Section 3.3 General Conformity Requirements

- 4) Page 33-35: Replace Table 3. Zone Prohibitions and Applicable Conditions. Amended table is inserted to reflect zoning changes.

This table would replace the table found on page 33-35. Proposed changes:

- a repeal of the 2013 SLUP Zone 41:
Page 34, Row 9
- an increase to Area for Zone 38 SMZ
Page 34, Row 6, Column 4
- new Zone 67 SMZ:
Page 35, new row inserted below Row 3
- new Zone 68 CZ:
Page 35, new row inserted two rows below Row 3
- New Nááts'ihch'oh National Park Reserve EPA added.
Page 35, new row inserted 4 rows below Row 3
- recalculation of CZ Total Area and Percentage:
Page 35, Row 16, Columns 3 & 4
- recalculation of National Park/Historic Total Area and Percentage:
Page 35, Row 18, Columns 3 & 4
- recalculation of PCI Total Area and Percentage:
Page 35, Row 19 Columns 3 & 4
- recalculation of SMZ Total Area and Percentage:
Page 35, Row 21 Columns 3 & 4

Table 3. Zone Prohibitions and Applicable Conditions

Zone #	Zone Name	Zone Type	Area (Sq. Km)*	% of SSA	Prohibited Uses						Conditions						
					Bulk Water Removal	Mining E&D	O&G E&D	Power Dev't	Forestry	Quarrying	CRs #2-13	CR #14	CR #15	CR #16	CR #17	CR #18	CR #19
	General Use Zones	GUZ	87,618	30.85	X							✓					
1	Besla Niline (Ontaratue River)	SMZ	66	0.02	X							✓	✓				
2	Q̇hdarah Tué (Marion Lakes)	SMZ	1,766	0.62	X							✓	✓				
3	Shigago (Little Chicago)	SMZ	116	0.04	X							✓	✓				
4	Travaillant Uplands	CZ	187	0.07	X	X	X	X	X	X	X	✓	✓				
5	Sihonilj̄ne ʔehtene (Loon River to Fort Anderson Trail)	SMZ	329	0.12	X							✓	✓				
6	Fort Anderson Trail Lakes	CZ	218	0.08	X	X	X	X	X	X	X	✓	✓				
7	Colville Upland Lakes	CZ	113	0.04	X	X	X	X	X	X	X	✓	✓				
8	Bela Nera Dele (Where the Wolf Crosses)	CZ	3	0.00	X	X	X	X	X	X	X	✓	✓				
9	Tué Sho & Dunedelatue (Aubrey Lake & Dunedelatue Lake)	CZ	665	0.23	X	X	X	X	X	X	X	✓	✓				
10	Ayonik̄j̄ (Maunoir Dome)	CZ	552	0.19	X	X	X	X	X	X	X	✓	✓				
11	Sihonilj̄ne (Anderson River)	CZ	415	0.15	X	X	X	X	X	X	X	✓	✓				
12	Dene Di Gon'e	CZ	12	0.00	X	X	X	X	X	X	X	✓	✓				
13	Tashín Tué (Lac Des Bois)	CZ	529	0.19	X	X	X	X	X	X	X	✓	✓				
14	Nil̄jn Tué (Lac Belot)	CZ	415	0.15	X	X	X	X	X	X	X	✓	✓				✓
15	Fossil Lake	CZ	184	0.06	X	X	X	X	X	X	X	✓	✓				
16	Ne'Rahten	CZ	7	0.00	X	X	X	X	X	X	X	✓	✓				
17	Hare Indian River	SMZ	495	0.17	X							✓	✓				
18	Neyádalín (Underground River)	SMZ	309	0.11	X							✓	✓				
19	Bluefish Creek to Tsintu River	SMZ	120	0.04	X							✓	✓				
20	Snafu Creek	SMZ	75	0.03	X							✓	✓				
21	Nq̄fee K'q̄dah Tué (Lac a Jacques)	CZ	123	0.04	X	X	X	X	X	X	X	✓	✓				
22	Arakíe Tué (Horton Lake)	SMZ	1,178	0.41	X							✓	✓				
23	Sahtu (Great Bear Lake Watershed)	SMZ	68,824	24.23	X							✓		✓	✓	✓	
24	Neregah (Northshore)	SMZ	5,913	2.08	X							✓		✓	✓		
25	Du K'ets'ed̄i SMZ (Sentinel Islands SMZ)	SMZ	325	0.11	X							✓		✓	✓		
26	Du K'ets'ed̄i CZ (Sentinel Islands CZ)	CZ	251	0.09	X	X	X	X	X	X	X	✓	✓	✓	✓		✓
27	Edaíj̄la (Caribou Point)	CZ	8,775	3.09	X	X	X	X	X	X	X	✓	✓	✓	✓		
28	Turatlín Tué (Tunago Lake)	CZ	119	0.04	X	X	X	X	X	X	X	✓	✓				
29	Clement Lake	SMZ	6	0.00	X							✓	✓				
30	Luchaniline (Whitefish River)	CZ	1,443	0.51	X	X	X	X	X	X	X	✓	✓	✓	✓		
31	Tehkaicho Dé (Johnny Hoe River)	CZ	4,141	1.46	X	X	X	X	X	X	X	✓	✓	✓	✓		
32	Petinīʔah (Bear Rock)	CZ	33	0.01	X	X	X	X	X	X	X	✓	✓				
33	Sahtu Deh (Great Bear River)	SMZ	908	0.32	X							✓	✓				

Zone #	Zone Name	Zone Type	Area (Sq. Km)*	% of SSA	Prohibited Uses						Conditions						
					Bulk Water Removal	Mining E&D	O&G E&D	Power Dev't	Forestry	Quarrying	CRs #2-13	CR #14	CR #15	CR #16	CR #17	CR #18	CR #19
34	Mackay, Rusty and Yellow Lakes	CZ	18	0.01	X	X	X	X	X	X	✓	✓					
35	Táhlue Tué & Táshín Tué (Stewart and Tate Lakes)	CZ	121	0.04	X	X	X	X	X	X	✓	✓					✓
36	Mio Lake	CZ	19	0.01	X	X	X	X	X	X	✓	✓					
37	Tł̨ Dehdele D̨łdłq (Red Dog Mountain)	CZ	27	0.01	X	X	X	X	X	X	✓	✓					
38	Mackenzie Mountains	SMZ	40,563	14.28	X						✓	✓					
39	Do Et'Q (Doi T'oh Territorial Park and Canol Heritage Trail Reserve)	PCI	939	0.33	X	X	X	X	X	X	✓	✓					
40	Shúhtagot'ine Néné (Mountain Dene Land)	CZ	8,982	3.16	X	X	X	X	X	X	✓	✓					
41	REPEALED																
42	Faʔfa Nıl̨ne (Mountain River Extension)	CZ	1,348	0.47	X	X	X	X	X	X	✓	✓					
43	Carcajou River	SMZ	383	0.13	X						✓	✓					
44	Florence Lake	CZ	57	0.02	X	X	X	X	X	X	✓	✓					
45	Palmer Lake	CZ	34	0.01	X	X	X	X	X	X	✓	✓					
46	K'ááchohtíídeé (Mountain River)	SMZ	446	0.16	X						✓	✓					
47	Cache Lake	CZ	32	0.01	X	X	X	X	X	X	✓	✓					
48	Tuésene (Mountain Hot Springs)	CZ	75	0.03	X	X	X	X	X	X	✓	✓					
49	Mirage Mountain	CZ	92	0.03	X	X	X	X	X	X	✓	✓					
50	Norman Range	SMZ	6,095	2.15	X						✓	✓					
51	Yamqga Fee (Yomoga Rock)	CZ	92	0.03	X	X	X	X	X	X	✓	✓					
52	Chick Lake	CZ	36	0.01	X	X	X	X	X	X	✓	✓					
53	Sam McCrae Lake	CZ	59	0.02	X	X	X	X	X	X	✓	✓					
54	Turton Lake	CZ	79	0.03	X	X	X	X	X	X	✓	✓					
55	Datzımı Tué (Oscar Lake)	CZ	70	0.02	X	X	X	X	X	X	✓	✓					
56	Kelly Lake Protected Area (Land Claim)	CZ	273	0.10	X	X	X	X	X	X	✓	✓					
57	Lugedegıl Tué & Tuyehıla Tué (Kelly and Lennie Lake)	CZ	205	0.07	X	X	X	X	X	X	✓	✓					
58	Doctor Lake	CZ	21	0.01	X	X	X	X	X	X	✓	✓					
59	Tuwı Tué (Mahoney Lake)	CZ	232	0.08	X	X	X	X	X	X	✓	✓					
60	Three Day Lake	CZ	32	0.01	X	X	X	X	X	X	✓	✓					
61	K'ą̨łq Tué CZ (Willow Lake CZ)	CZ	245	0.09	X	X	X	X	X	X	✓	✓					
62	K'ą̨łq Tué SMZ (Willow Lake Wetlands SMZ)	SMZ	1,348	0.47	X						✓	✓					
63	Deh Cho (Mackenzie River)	SMZ	6,122	2.16	X						✓	✓					
64	Mackenzie River Islands	CZ	50	0.02	X	X	X	X	X	X	✓	✓					
65	Ts'ude niline Tu'eyeta (Ramparts River and Wetlands)	PCI	14,701	5.18	X	X	X	X	X	X	✓	✓					

[illegible]

Amendment 5

Section 3.3 General Conformity Requirements

- 5) Page 41: Replace Map 3: Barren-Ground Caribou and Woodland Caribou Range. Amended map includes proposed zoning changes.

This map would replace the current map found on page 41. Proposed zoning changes are in the southwest corner regarding lands zoned in the 2013 SLUP as Zone 41 Nááts'ihch'oh. The new map shows the enlargement of Zone 38 SMZ, and new Zone 67 SMZ and Zone 68 CZ.

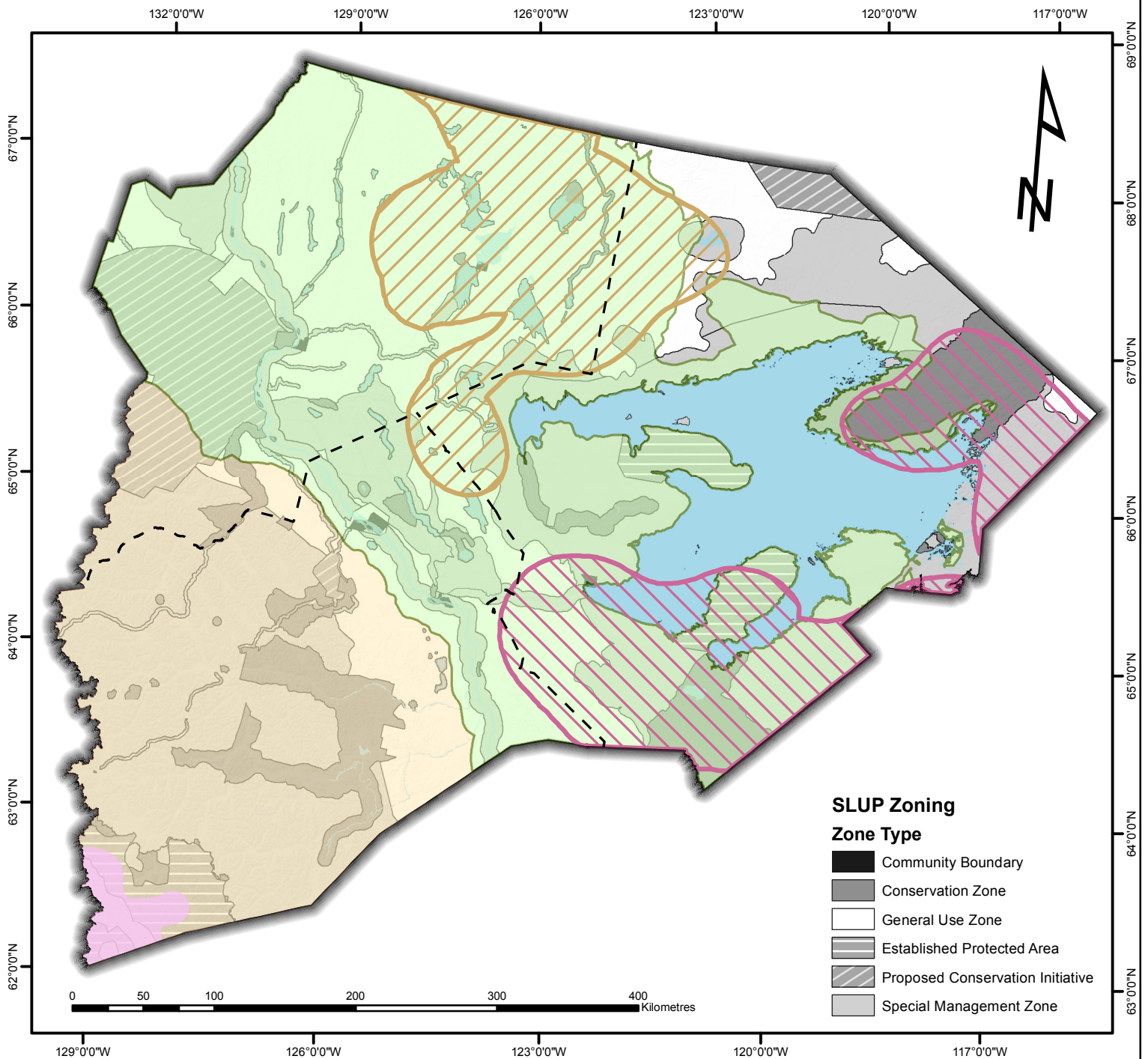
There are no proposed changes to Caribou Ranges or Data Sources used to create the 2013 SLUP Map 3.

To improve the overall clarity of the map the amended map has some formatting changes that include:

- Reformatted Legend with District Boundaries and Rivers and Lakes entries added
- New Projection details box
- Coordinate (latitude/longitude) references along map edge

Sahtu Land Use Plan

Map 3: Barren-Ground Caribou and Woodland Caribou Range



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: 1:4,000,000

**Please consult Appendix 2
for map references**

Date produced:
September 21, 2015

Amendment 6

Section 3.3 General Conformity Requirements

- 6) Page 44: Replace Map 4: Sensitive Species and Features. Amended map includes proposed zoning changes.

This map would replace the current map found on page 44. Proposed zoning changes are in the southwest corner regarding lands zoned in the 2013 SLUP as Zone 41 Nááts'ihch'oh. The new map shows the enlargement of Zone 38 SMZ, and new Zone 67 SMZ and Zone 68 CZ.

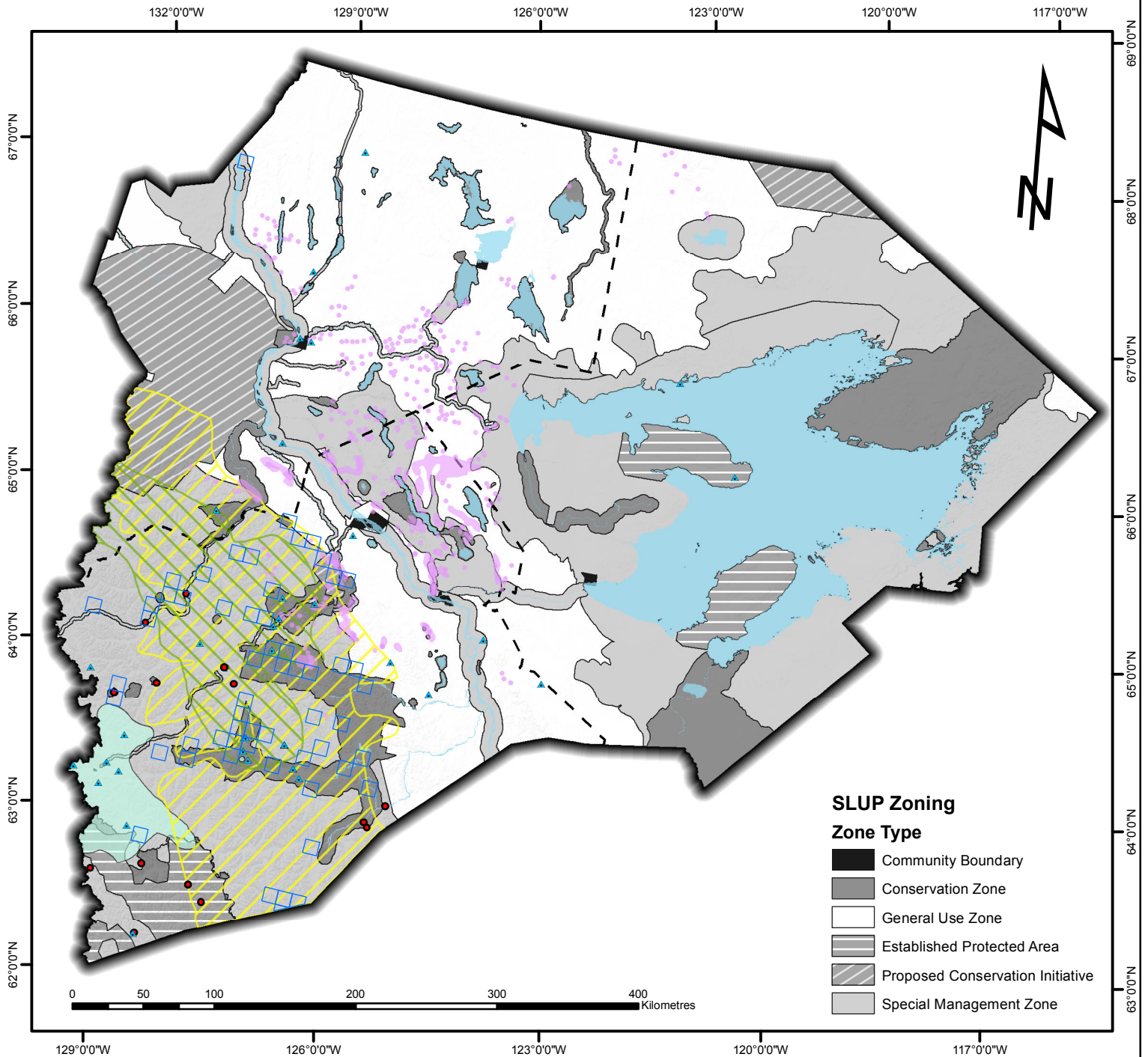
There are no proposed changes to Locations (May-be-at-Risk-Plants, Hot and Warm Springs, Karst, Area of Ice Patches, Glacial Refugia, Density of Mineral Licks) or Data Sources used to create the 2013 SLUP Map 4.

To improve the overall clarity of the map the amended map has some formatting changes that include:

- Reformatted Legend with District Boundaries and Rivers and Lakes entries added
- New Projection details box
- Coordinate (latitude/longitude) references along map edge

Sahtu Land Use Plan

Map 4: Sensitive Species and Features



Amendment 7

Appendix 1. Zone Descriptions

- 7) Page 64: Replace Table 5. Zone Descriptions. Amended table is inserted to reflect zoning changes.

This table would replace the table found on page 65. Proposed changes:

- a repeal of the 2013 SLUP Zone 41:
Page 64, Row 42
- an increase to Area for Zone 38 SMZ:
Page 64, Row 39, Column 4
- new Zone 67 SMZ:
Page 64, new row inserted below Row 67
- new Zone 68 CZ:
Page 64, Now row inserted two rows below Row 67

Amendment 8

Appendix 1. Zone Descriptions

- 8) Page 65-66: Replace Table 6. Zones Listed by Zone number. Amended table is inserted to reflect zoning changes.

This table would replace the table found on page 65-66. Proposed changes:

- a repeal of the 2013 SLUP Zone 41:
Page 65, Row 42
- new Zone 67 SMZ:
Page 66, new row inserted below Row 22
- new Zone 68 CZ:
Page 66, New row inserted two rows below Row 22

Approval Party Review Note

“X” is used in place of page numbers that will be inserted in the final application.
All page numbers will be revised for amended SLUP.

Page 65, Rows 43-45, Column 5 and,
Page 66, All Rows, Column 5

Table 6. Zones Listed by Zone Number

Zone No.	Dene Zone Name	English Zone Name	Map No.	Zone Description Page No.
1	Besla Niline	Ontaratue River	5	79
2	Qdarah Tué	Marion Lakes	5	80
3	Shigago	Little Chicago	5	81
4		Travaillant Uplands	5	83
5	Sihoniljne ?ehtene	Loon River to Fort Anderson Trail	5	84
6		Fort Anderson Trail Lakes	5	85
7		Colville Upland Lakes	5	86
8	Bela Nera Dele	Where the Wolf Crosses	6	87
9	Tué Sho & Dunedelatue	Aubrey Dunedelatue	6	88
10	Ayonikj	Maunoir Dome	6	89
11	Sihoniljne	Anderson River	6	91
12	Dene Di Gon'e		6	93
13	Tashín Tué	Lac Des Bois	6	94
14	Niljn Tué	Lac Belot	6	96
15		Fossil Lake	7	97
16	Ne'Rahten		7	98
17		Hare Indian River	7	99
18	Neyádalín	Underground River	7	100
19		Bluefish Creek to Tsintu River	7	102
20		Snafu Creek	7	103
21	Nofee K'qadah Tué	Lac a Jacques	7	104
22	Arakie Tué	Horton Lake	8	105
23	Sahtu	Great Bear Lake Watershed	8	106
24	Neregah	Northshore	8	110
25	Du K'ets'edi SMZ	Sentinel Islands SMZ	8	112
26	Du K'ets'edi CZ	Sentinel Islands CZ	8	114
27	Edaílla	Caribou Point	8	116
28	Turatlin Tué	Tunago Lake	8	118
29		Clement Lake	8	119
30	Luchaniline	Whitefish River	8	120
31	Tehkaicho Dé	Johnny Hoe River	8	122
32	Petini2ah	Bear Rock	9	124
33	Sahtu Deh	Great Bear River	9	126
34		Mackay, Rusty and Yellow Lakes	9	128
35	Táhlú Tué & Táshín Tué	Stewart and Tate Lakes	9	129
36		Mio Lake	9	130
37	Tłj Dehdele Djdlq	Red Dog Mountain	9	131
38		Mackenzie Mountains	10	133
39	Do Et'Q	Doi T'oh Territorial Park and Canol Heritage Trail Reserve	10	136
40	Shúhtagot'ine Néné	Mountain Dene Land	10	138
41	Nááts'ihch'oh PCI (Repealed)		(Repealed)	140
42	Fa2fa Niljne	Mountain River Extension	11	143
43		Carcajou River	11	145
44		Florence Lake	11	146

45		Palmer Lake	11	147
46	K'ááchohtíídeé	Mountain River	11	148
47		Cache Lake	11	150
48	Tuésene	Mountain Hot Springs	11	151
49		Mirage Mountain	11	152
50		Norman Range	12	153
51	Yamoga Fee	Yamoga Rock	12	155
52		Chick Lake	12	156
53		Sam McCrae Lake	12	157
54		Turton Lake	12	158
55	Datzimi Tué	Oscar Lake	12	159
56		Kelly Lake Protected Area (Land Claim)	12	160
57	Lugedegíl Tué & Tuyehíla Tué	Kelly and Lennie Lake	12	161
58		Doctor Lake	12	162
59	Tuwí Tué	Mahoney Lake	12	163
60		Three Day Lake	12	165
61	K'áqlq Tué CZ	Willow Lake CZ	12	166
62	K'áqlq Tué SMZ	Willow Lake Wetlands SMZ	12	168
63	Deh Cho	Mackenzie River	13	170
64		Mackenzie River Islands	13	172
65	Ts'ude niline Tu'eyeta	Ramparts River and Wetlands	13	174
66	Tuktut Nogait		8	177
67	Nááts'ihch'oh SMZ		10	X
68	Nááts'ihch'oh CZ		10	X

Amendment 9

Appendix 1. Zone Descriptions

- 9) Page 67: Replace Table 7. Zones Listed by Dene Name Alphabetical. Amended table is inserted to reflect zoning changes.

This table would replace the table found on page 67. Proposed changes would insert 2 new zones alphabetically by Dene Names:

- new Zone 68 CZ:
Page 67, New row inserted below Row 18
- Repeal of the 2013 SLUP Zone 41:
Page 67, placed two rows below Row 18
- new Zone 67 SMZ:
Page 67, new row inserted 3 rows below Row 18
- Following inserted rows, remaining rows to be shifted down 2 places.
Page 67, Rows 20-43 to remain in the same order 4 rows after Row 18.

Approval Party Review Note

“X” is used in place of page numbers that will be inserted in the final application.
All page numbers will be revised for amended SLUP.

Page 67, all rows, Column 5

Table 7. Zones Listed by Dene Name Alphabetical

Zone No.	Dene Zone Name	English Zone Name	Map No.	Zone Description Page No.
22	Arakíe Tué	Horton Lake	8	105
10	Ayonikj	Maunoir Dome	6	89
8	Bela Nera Dele	Where the Wolf Crosses	6	87
1	Besla Nilíne	Ontaratue River	5	79
55	Datzimí Tué	Oscar Lake	12	159
63	Deh Cho	Mackenzie River	13	170
12	Dene Di Gon'e		6	93
39	Do Et'Q	Doi T'oh Territorial Park and Canol Heritage Trail Reserve	10	136
26	Du K'ets'edí CZ	Sentinel Islands CZ	8	114
25	Du K'ets'edí SMZ	Sentinel Islands SMZ	8	112
27	Edaííla	Caribou Point	8	116
42	Fa2fa Nilíne	Mountain River Extension	11	143
46	K'ááchohtíídeé	Mountain River	11	148
61	K'aalq Tué CZ	Willow Lake CZ	12	166
62	K'aalq Tué SMZ	Willow Lake Wetlands SMZ	12	168
30	Luchaniline	Whitefish River	8	120
57	Lugedegíl Tué & Tuyehíla Tué	Kelly and Lennie Lake	12	161
68	Nááts'ihch'oh CZ		10	180
41	Nááts'ihch'oh PCI (Repealed)		(Repealed)	140
67	Nááts'ihch'oh SMZ		10	178
16	Ne'Rahten		7	98
24	Neregah	Northshore	8	110
18	Neyádalín	Underground River	7	100
14	Nilín Tué	Lac Belot	6	96
21	Nqfee K'odah Tué	Lac a Jacques	7	104
2	Qhdarah Tué	Marion Lakes	5	80
32	Petini2ah	Bear Rock	9	124
23	Sahtu	Great Bear Lake Watershed	8	106
33	Sahtu Deh	Great Bear River	9	126
3	Shigago	Little Chicago	5	81
40	Shúhtagot'ine Néné	Mountain Dene Land	10	138
11	Sihonilíne	Anderson River	6	91
5	Sihonilíne 2ehtene	Loon River to Fort Anderson Trail	5	84
35	Táhlú Tué & Táshín Tué	Stewart and Tate Lakes	9	129
13	Tashín Tué	Lac Des Bois	6	94
31	Tehkaicho Dé	Johnny Hoe River	8	122
37	Tłi Dehdele Djdłq	Red Dog Mountain	9	131
65	Ts'ude nilíne Tu'eyeta	Ramparts River and Wetlands	13	174
9	Tué Sho & Dunedelatue	Aubrey Dunedelatue	6	88
48	Tuésene	Mountain Hot Springs	11	151
66	Tuktut Nogait		8	177
28	Turatlin Tué	Tunago Lake	8	118
59	Tuwí Tué	Mahoney Lake	12	163
51	Yamqga Fee	Yamoga Rock	12	155

Amendment 10

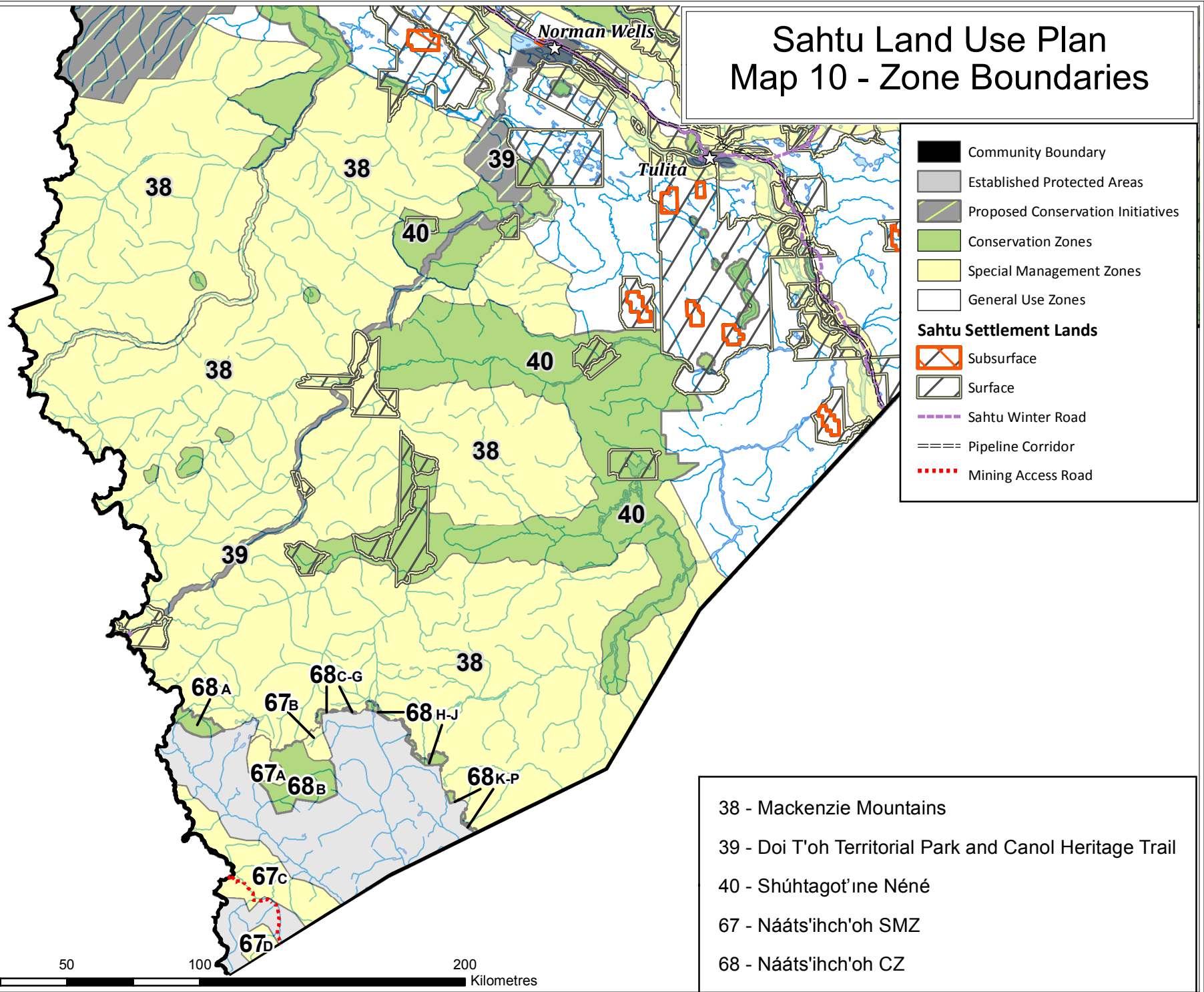
Appendix 1. Zone Descriptions

10) Page 75: Replace Map 10: Zone Bouderies. Amended map includes proposed zoning changes.

This map would replace the current map found on page 75. Proposed zoning changes are in the southwest corner regarding lands zoned in the 2013 SLUP as Zone 41 Nááts'ihch'oh. The new map shows the enlargement of Zone 38 SMZ, and new Zone 67 SMZ and Zone 68 CZ.

The new map also includes the Howard's Pass Access Road. This infrastructure was noted during the planning process.

Sahtu Land Use Plan Map 10 - Zone Boundaries



Amendment 11 and 12

Appendix 1. Zone Descriptions

- 11) Page 133, Table row 5, column 2: Delete 40,029 and replace with 40,563. Change in zone size. The amendment accounts for land from Zone 41 PCI rezoned into Zone 38 SMZ.
- 12) Page 135, Paragraph 4 Economic Importance, line 1. Delete 16% and replace with 15%.

Note there are no proposed changes to the core text of the zone description. The two proposed number changes are highlighted. The proposed zoning change is intended to incorporate lands of Zone 41 PCI that are outside of the South Nahanni watershed. These lands will be assigned the same values that already exist in the description. The Sahtu Surface Ownership percentage does not change as the calculated value still rounds to 1.8%.

38. Mackenzie Mountains

Designation	Special Management Zone	
CRs & Prohibitions	CRs# 1-14 Prohibition: Bulk water removal	
Map #	10	
Area	40,563 km ²	
Land Ownership	Sahtu Subsurface Ownership	Sahtu Surface Ownership
	-	1.8%
Location & Boundaries	Located in the south-west of the SSA predominantly in the Tulita District and a small portion in the K'asho Got'ine District.	

Reason for Establishment

The people of the Sahtu have been using the Mackenzie Mountains for centuries. Stories, traditional trails, cultural/heritage sites and subsistence use areas are located throughout as the Mountain Dene travelled between the valley and the mountains.

The mountains offer unique habitat that includes calving/lambing, overwintering and general range for a number of wildlife species that inhabit the area such as Dall's sheep, mountain goat and mountain woodland caribou.

A number of mineral deposits have been identified in the Mackenzie Mountains. The SMZ will allow for the exploration and development of these and other mineral deposits.

Values to be Protected: Archaeological, burial, cultural and heritage sites.

Values to be Respected: Mountain goats are the predominant wildlife found in the mountainous areas.² Dall's sheep habitat includes lambing sites and sheep winter habitat including an Important Wildlife Area. Important Wildlife Areas³ for mountain woodland caribou, Bonnet Plume herd migration route, calving grounds and range, Redstone herd migration route, calving grounds, rutting/wintering area are all found in the zone and South Nahanni herd calving grounds.

The valleys provide winter habitat for moose and mountain woodland caribou. Moose surveys in the Sahtu have found that riparian areas along the Mackenzie River and its tributaries have high densities in the winter. Many of the tributaries run down from the mountains and are associated with moose habitat. *Alces alces gigas*, the Alaska-Yukon subspecies of moose living in the Mackenzie Mountains are the largest moose subspecies. Wolves may also be found.⁴

Important Wildlife Areas for moose and bears occur. There is furbearer habitat along the forested river valleys, grizzly bear habitat, fish habitat, waterfowl and migratory bird habitat, important breeding duck habitat and wetlands. Ecologically significant features include karst formations, concentrations of mineral licks, hot/warm springs, glacial refugia, eskers and may-be-at-risk plants: *Minuartia macrocarpa*, *Papaver mcconnellii*, *Draba ogilviensis*, *Claytonia megarhiza*, and *Cyprogramma stelleri*.

² Larter, C. Nicholas, Mountain Goat Survey, Flat River Area, Western Mackenzie Mountains, September 2004, Manuscript Report No. 157, GNWT, Department of Resources, Wildlife, and Economic Development

³ Haas, C.A., & Wilson, J.M., Important Wildlife Areas in the Western Northwest Territories, 2012, Manuscript Report No. 221, Environment and Natural Resources, Government of the Northwest Territories, Yellowknife, NT

⁴ Larter, C. Nicholas, Mountain Goat Survey, Flat River Area, Western Mackenzie Mountains, September 2004, Manuscript Report No. 157, GNWT, Department of Resources, Wildlife, and Economic Development

International Biological Programme⁵ sites include: Coral Peaks - Site 59, Florence Lake Study Area - Site 31, Carcajou Lake Study Area - Site 72, Plains of Abraham - Site 26, Lymnaea Springs Study Site - Site 60 and Sculpin Springs - Site 70.

The Mackenzie River and its tributaries are important moose hunting areas⁶. The Mountain People would travel into the mountains in the fall to hunt moose, caribou and sheep and travel back into the valley in moose skin boats in the spring. Moose harvest in the mountains was important for survival.

Values to Take into account: Camps, cabins, tent sites, traditional trails especially up the Keele River and some leading into the Yukon Territory. Two trails are of special significance, Trail to the Mountains and the Mountain Dene Trail to the Mountains. See Additional Information. Within the Fort Good Hope/Colville Lake Group Trapping Area.

Economic Importance: Oil and gas potential: 15% low-moderate; 83% low. Oil and gas rights: exploration licence. Known mineralization: Carbonate hosted Zn Pb, coal, red bed slash kupferschiefer type Cu. Mineral rights: leases. In an outfitting region with companies in operation. Existing infrastructure includes: an airstrip, Canol Road extending 14 Km from the Yukon boarder, and mining access road.

Additional Information: The Mackenzie Mountains are irregular and primarily made up of limestone, dolomite and shale.⁷ Erosion has resulted in unstable rubble slopes, cliffs and steep canyons. The mountain tops average an elevation of 2100 m and subalpine areas are usually found below 1800 m.⁸

Trail to the Mountains, Shit'a Got'ine Eht'ene, is a "traditional trail that leads from Fort Good Hope to the headwaters of the Arctic Red River in the Mackenzie Mountains. It was used for centuries and was travelled on foot and by dog team. The Mountain River was used as the return route using moose skin boats in the spring. The trail was used to access winter hunting grounds for the Shit'a Got'ine (Mountain People) where they would spend the winter taking moose, caribou and sheep. The trail was last walked in the 1950s."⁹

The Mountain Dene Trail to the Mountains, Shuht'a Got'ine Eht'ene, starts on the Mackenzie River at Tulita, crosses the Mackenzie Lowlands to Stewart and Tate Lakes, crossing the Keele drainage and on to Drum Lake in the Mackenzie Mountains. From there it joins a network of trails reaching throughout the mountains and into the Yukon. It was used extensively as a walking trail in the fall and by dog team in the winter. In the fall families would move from the valley into the mountains where they would hunt moose, caribou and sheep, to return to the valleys in the springtime by moose skin boats. Many sites along the trail are important in Mountain Dene culture and history. Archaeological research shows that the trail area has been used for centuries.

The *Rakekée Gok'é Godi: Places We Take Care Of*¹⁰ report suggested:

- Territorial Historic Park;
- Undertake oral history and archaeological research to document and protect heritage resources;
- Surface of documented sites be protected with commemoration of specific areas;

⁵International Biological Program (IBP) Ecological Sites in Subarctic Canada, Areas recommended as Ecological Sites In Region 10, Yukon and Northwest Territories Boreal Forest to the Treeline, 1975, Edited by Dorothy K.B. Beckel, Coordinator Region 10 (Subarctic) Panel, Lethbridge, Alberta, The University of Lethbridge Production Services, CCIBP/CT

⁶ ibid

⁷ Larter, C. Nicholas, Mountain Goat Survey, Flat River Area, Western Mackenzie Mountains, September 2004, Manuscript Report No. 157, GNWT, Department of Resources, Wildlife, and Economic Development

⁸ ibid

⁹ Prepared by The Sahtu Heritage Places and Sites Joint Working Group. January 2000 (2nd Edition). "Rakekée Gok'é Godi: Places We Take Care Of. Written by Tom Andrews.P. 62

¹⁰ Prepared by The Sahtu Heritage Places and Sites Joint Working Group. January 2000 (2nd Edition). *Rakekée Gok'é Godi: Places We Take Care Of*. Written by Tom Andrews.

- Trail experience be recreated through cultural revival projects (eg. walking the trail with youth and elders).
- National Historic Site with surface protection;
- Revive the old National Historic Site proposal;
- Undertake oral history and archaeological research to document and protect heritage resources and burials;
- Surface of documented sites be protected;
- Identify trail for special consideration in the land use planning process.

Amendment 13

Appendix 1. Zone Descriptions

- 13) Page 140-143: Zone 41 Naats'ihch'oh Repealed. Zone Description removed and new text added to clarify zone history and status.

Approval Party Review Note

Removal and replacement of the 2013 three page zone description for a one page repeal description at this point in the document would result in minor changes to the table of contents page numbering and footnotes throughout the remainder of the SLUP.

41. Nááts'ihch'oh (REPEALED)

Designation	Proposed Conservation Initiative (SLUP 2013)
Location & Boundaries	Nááts'ihch'oh PCI was located in the far south-western corner of the SSA in the Mackenzie Mountains. The Nááts'ihch'oh PCI included the headwaters of the South Nahanni River.

Reasons for Repeal

The Nááts'ihch'oh PCI was established on August 8, 2013 with the approval of the SLUP. At the time of SLUP approval a portion of the zone was proposed to become the Nááts'ihch'oh National Park Reserve of Canada. The PCI designation provided protection to these lands until the park reserve establishment process was concluded.

On December 17, 2014 the Nááts'ihch'oh National Park Reserve came under legislation through the amending of the *Canada National Parks Act*. As of that date the SLUP ceased to apply to lands within the Nááts'ihch'oh National Park Reserve per *MVRMA* Section 34.

Effective the date of the SLUP amendments, the remaining lands within the PCI not within the Nááts'ihch'oh National Park Reserve were rezoned into existing Zone 38 Mackenzie Mountains SMZ, or into one of two new zones, Zone 67 Nááts'ihch'oh SMZ and Zone 68 Nááts'ihch'oh CZ.

Amendment 14

Appendix 1. Zone Descriptions

- 14) New Item. Zone Description for Zone 67 Nááts'ihch'oh Special Management Zone added to the SLUP following Zone 66.

67. Nááts'ihch'oh SMZ

Designation	Special Management Zone	
CRs & Prohibitions	CRs# 1-14 Prohibition: Bulk water removal	
Map #	10	
Area	1417 km ²	
Land Ownership	Sahtu Subsurface Ownership	Sahtu Surface Ownership
	-	-
Location & Boundaries	Four parcels, A, B, C, and D located within the South Nahanni watershed that border the Nááts'ihch'oh National Park Reserve of Canada.	

Reason for Establishment

The four parcels in the SMZ have high mineral resource potential, based on the 2007 Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem. This study was conducted to ensure that the economic and strategic significance of any mineral potential and non-renewable energy resources in the area be duly considered in the Nááts'ihch'oh National Park Reserve of Canada establishment process.

The Nááts'ihch'oh Area (Nááts'ihch'oh National Park Reserve of Canada, Zone 67 SMZ, Zone 68 CZ) has been travelled and is valued for hunting and its spiritual importance by the he Shúhtagot'ine (Mountain Dene) of the Tulita District. The area is also ecologically significant as it is located in the upper reaches of the South Nahanni Watershed. It covers known mountain woodland caribou migration routes and contains important habitat for other large bodied wildlife.

Values to be Protected: Archaeological, burial and special cultural sites exist in the zone.

Values to be Respected: Dall's sheep, mountain woodland caribou, and grizzly bears range across the Nááts'ihch'oh Area. The Little Nahanni River area in the SMZ from Howard's Pass south to the Sahtu-Dehcho border being an important corridor for these species. The GNWT has identified portions of the SMZ as an Important Wildlife Area for Dall's sheep, grizzly bears, Redstone calving and early to midsummer ranges, and South Nahanni summer and rut range. The area around the Little Nahanni River also includes a resident population of Dall's sheep thought to be the unique genetic stock that populated the Yukon and Northwest Territories after the last ice age.

Values to take into account: Recreation areas.

Economic Importance: Oil and gas potential: 90% low. Known mineralization: Carbonate hosted Zn Pb, Intrusion Related, SEDEX. Mineral rights: leases and claims. A Mineral and Energy Assessment (MERA) was conducted to identify the potential of resources in the area. Existing infrastructure includes the Howard's Pass mining access road. Previous exploration activities have created access routes and structures. Adjacent to the Nááts'ihch'oh National Park Reserve of Canada.

Additional Information:

- Haas, C., & Wilson, J. (2012). Important Wildlife Areas in the Western Northwest Territories, Manuscript Report No. 221. Environment and Natural Resources, Government of the Northwest Territories, Yellowknife.
- Parks Canada. (2010, August 30). Proposed Establishment of Nááts'ihch'oh National Park Reserve - Final Consultation Report. Prepared for Parks Canada by Terriplan Consultants.
- Wright, D., Lemkow, D., & Harris, J. (2007). Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem Under Consideration for the Expansion of the Nahanni National Park Reserve, Northwest Territories.

Amendment 15

Appendix 1. Zone Descriptions

- 15) New Item. Zone Description for Zone 68 Nááts'ihch'oh Conservation Zone would be added to the SLUP following Zone 67.

68. Nááts'ihch'oh CZ		
Designation	Conservation Zone	
CRs & Prohibitions	CRs# 1-14 Prohibition: Bulk water removal; Mining E&D; Oil and Gas E&D; Power Development; Forestry; Quarrying	
Map #	10	
Area	614 km ²	
Land Ownership	Sahtu Subsurface Ownership	Sahtu Surface Ownership
	-	-
Location & Boundaries	Sixteen parcels within the South Nahanni watershed that border the Nááts'ihch'oh National Park Reserve of Canada.	

Reason for Establishment

The zone protects the headwaters of the South Nahanni River, and has important habitat for large bodied wildlife. The Nááts'ihch'oh Area (Nááts'ihch'oh National Park Reserve of Canada, Zone 67 SMZ, Zone 68 CZ) has been travelled and is valued for hunting and its spiritual importance by the Shúhtagot'ine (Mountain Dene) of the Tulita District.

Values to be Protected: Archaeological, burial and special cultural sites exist in the zone.

The CZ includes tributaries of the South Nahanni River Watershed. The water quality, quantity and rates of flow in these headwaters influence the Greater Nahanni Ecosystem, much of which is federally protected.

The area includes habitat for grizzly bears and mountain woodland caribou. Both species are considered to be of "special concern" by COSEWIC. High densities of grizzly bear are located in Zone 68A. Zone 68B is known to be an important Redstone herd calving ground. All parcels are located within the South Nahanni Watershed, Parcels C through P are adjacent to the Nááts'ihch'oh National Park Reserve of Canada and located within the South Nahanni Watershed (according to the National Hydrological Network, Natural Resources Canada, 2015 dataset).

Values to be Respected/Take into account: Recreation areas.

Economic Importance: Oil and gas potential: 87% low. Known mineralization: Carbonate hosted Zn Pb, Intrusion Related, SEDEX. A Mineral and Energy Assessment (MERA) was conducted and released in 2007 which identified the potential mineral resources in the area. Adjacent to the Nááts'ihch'oh National Park Reserve of Canada.

Additional Information:

- Haas, C., & Wilson, J. (2012). Important Wildlife Areas in the Western Northwest Territories, Manuscript Report No. 221. Environment and Natural Resources, Government of the Northwest Territories, Yellowknife.
- Parks Canada. (2010, August 30). Proposed Establishment of Nááts'ihch'oh National Park Reserve - Final Consultation Report. Prepared for Parks Canada by Terriplan Consultants.
- Wright, D., Lemkow, D., & Harris, J. (2007). Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem Under Consideration for the Expansion of the Nahanni National Park Reserve, Northwest Territories.

Amendment 16

Appendix 2. Map References and Data Sources

- 16) Page 178 and 179. Amendment to update to data sources used to create amended Maps 2, 3, 4, and 10. Amended Appendix 2 will follow Appendix 1.

Maps 2 and 10 include new data for the Howard's Pass Access Road from: Mining Access Roads - MERA Open File 5344, "Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem Under Consideration for the Expansion of the Nahanni National Park Reserve, Northwest Territories", Government of Canada, Natural Resources, Geological Survey of Canada, 2007.

- New entry: Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem Under Consideration for the Expansion of the Nahanni National Park Reserve, Northwest Territories", Government of Canada, Natural Resources, Geological Survey of Canada, 2007
Page 178, Map 2- Land Use Zones, Inserted after bullet 7
- New entry: Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem Under Consideration for the Expansion of the Nahanni National Park Reserve, Northwest Territories", Government of Canada, Natural Resources, Geological Survey of Canada, 2007
Page 179, Map 5- Zone Description Maps, Inserted after bullet 5

Revised Maps 2,3,4, and 10 include proposed zoning changes that are based on revised GIS Shapefiles: Sahtu Land Use Planning Zoning data-Sahtu Land Use Planning Board October 2015. These references have been updated and added for clarity in Appendix 2.

- New entry: Added for clarity. Sahtu Land Use Plan Zoning - Sahtu Land Use Planning Board - October 2015
Page 178, Map 2- Land Use Zones, Inserted after bullet 7
- Revised Entry: Delete December 2012 and replace with October 2015.
Page 178, Map 3- Barren-Ground Caribou and Woodland Caribou Range, bullet 1
- New entry: Added for clarity. Sahtu Land Use Plan Zoning - Sahtu Land Use Planning Board - October 2015
Page 179, Map 4- Sensitive Species and Features, Inserted after bullet 7
- Revised Entry: Delete December 2012 and replace with October 2015.
Page 179, Map 5- Zone Description Maps, bullet 1

No other modifications to the data sources are proposed.

Note on Map 4

During the Nááts'ihch'oh amendment planning process conducted in 2015, the SLUPB collected and reviewed the most up to date data sources available regarding sensitive species and features. This information was used to support decision making on alternative zoning for the area. For consistency with planning activities that resulted in the approval of the 2013 SLUP Zoning, the Board has chosen to use the data sets from the approved SLUP Map 4. It is the Board's decision that applying new data to the entire Sahtu Settlement Area would be outside of the scope of the Nááts'ihch'oh amendments.

Appendix 2. Map References and Data Sources

Map 1 - Sahtu Settlement Zone

- Established Protected Areas - Northwest Territories Protected Areas Strategy, 2012
- Community Boundaries - Department of Municipal and Community Affairs, 2012
- North America Boundaries and Admin Areas - Natural Resources Canada, Instituto Nacional de Estadística Geografía e Informática and the U.S. Geological Survey, 2006
- Sahtu Boundary - Government of Canada, Natural Resources Canada, Canada Lands Survey System, National Framework Canada Lands Administrative Boundary (CLAB) Level 1, 2012
- Canadian Digital Elevation Data - Government of Canada, Natural Resources Canada, Earth Sciences Sector, Centre for Topographic Information, 2000
- Rivers and Lakes - Compiled from Department of Energy, Mines and Resources, Canada - Topographic Maps 1:250,000 and Department of National Defense, Mapping and Charting Establishment, Canada - Topographic Maps - 1:250,000, 1975
- District Boundaries - Sahtu GIS Project, 2011
- Access Roads - Sahtu Land and Water Board, 2009
- Winter Roads - Sahtu GIS Project, 2003

Map 2 - Land Use Zones

- Pipeline Corridor - Mackenzie Valley Gas Project & Imperial Oil Resource Venture Ltd., 2013
- Proposed Mackenzie Valley Highway - AMEC & EBA, 2012
- District Boundaries - Sahtu GIS Project, 2011
- Access Roads - Sahtu Land and Water Board, 2009
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- Rivers and Lakes - Compiled from Department of Energy, Mines and Resources, Canada - Topographic Maps 1:250,000 and Department of National Defense, Mapping and Charting Establishment, Canada - Topographic Maps - 1:250,000, 1975
- Sahtu Boundary - Government of Canada, Natural Resources Canada, Canada Lands Survey System, National Framework Canada Lands Administrative Boundary (CLAB) Level 1, 2012
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Map 3 - Barren-Ground Caribou and Woodland Caribou Range

- Woodland Caribou - South Nahanni Herd (Summer Habitat - 95% kernel), Protected Areas Establishment Branch, Parks Canada, 2010.
- Boreal Woodland Caribou Range - Environment Canada, Government of Canada, "Anthropogenic disturbance footprint within boreal caribou ranges across Canada", July 2011
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Map 4 - Sensitive Species and Features

- May-Be-At-Risk Plants, GNWT, Department of Environment and Natural Resources - NWT Virtual Herbarium, 2009
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- Density of Mineral Licks, GNWT, Wildlife Division, Environment and Natural Resources, 2009
- Lakes and Rivers (Edited) - Compiled from Department of Energy, Mines and Resources, Canada - Topographic Maps 1:250,000 and Department of National Defense, Mapping and Charting Establishment, Canada - Topographic Maps - 1:250,000, 1975
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Map 5 - 13 Zone Description Maps

- Sahtu Land Use Plan Zoning - Sahtu Land Use Planning Board – October 2015
- Sahtu Settlement Lands - Government of Canada, Natural Resources Canada, Earth Sciences Sector, Geomatic Canada, Surveyor General Branch, Aboriginal Lands Dataset - Edition 2, 2009
- Sahtu Winter Road, Sahtu GIS Project, 2003
- Pipeline Corridor - Mackenzie Valley Gas Project & Imperial Oil Resource Venture Ltd., 2013
- Lakes and Rivers - Compiled from Department of Energy, Mines and Resources, Canada - Topographic Maps 1:250,000 and Department of National Defense, Mapping and Charting Establishment, Canada - Topographic Maps - 1:250,000, 1975
- Mining Access Roads - MERA Open File 5344, "Mineral and Energy Resource Assessment of the Greater Nahanni Ecosystem Under Consideration for the Expansion of the Nahanni National Park Reserve, Northwest Territories", Government of Canada, Natural Resources, Geological Survey of Canada, 2007.