

Wildlife O&M

Regional Application



2013-16

Part 4

CARIBOO REGION



Cariboo Region: Index of Property Plans

Chilanko Marsh

Chilcotin Lake & Marshes

Dale Lake

Hanceville Ranch

Knife Creek

Tautri Creek



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Chilanko Marsh WMA

Region: Cariboo

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Chilanko Marsh WMA

CLD Reference:

- Chilanko Marsh (LEA)
- Chilanko Marsh WMA

2. Habitat Description / Values:

The Chilanko Marsh Property (212.1 hectares) aids in the conservation and restoration of wildlife habitat in the Chilcotin River Plateau. This property forms part of the Chilanko Marsh WMA, along with adjacent crown land (900 ha in total).

Situated on a flyway for migratory birds this is one of the most productive wetlands in the entire Cariboo - Chilcotin region. Pelicans, Canada geese, Tundra Swans, coots and grebes share the marsh with mallards, pintails, widgeons, shovellers, blue-winged and green-winged teals, scaups, ringnecks, buffleheads, goldeneyes, redheads, canvasbacks and others. In addition to the waterfowl, wintering moose, beavers and muskrats feed on the shores.

3. Guiding Documents:

TNT/Province Lease Agreement, 1980
Preliminary Report for a Management Plan for Chilanko Marsh WMA, 2005
TNT/Province Management Agreement 2011

4. Financial Sustainability:

This property is managed as a component of the Chilanko Marsh Wildlife Management Area, and is co-owned with Ducks Unlimited Canada, who has an active management role. Increased collaboration contributes to cost-effectiveness and efficiency.

5. Partner Recognition:

Informational property signs acknowledge acquisition partners. Future signage, and any press releases, will acknowledge all funding and management partners.



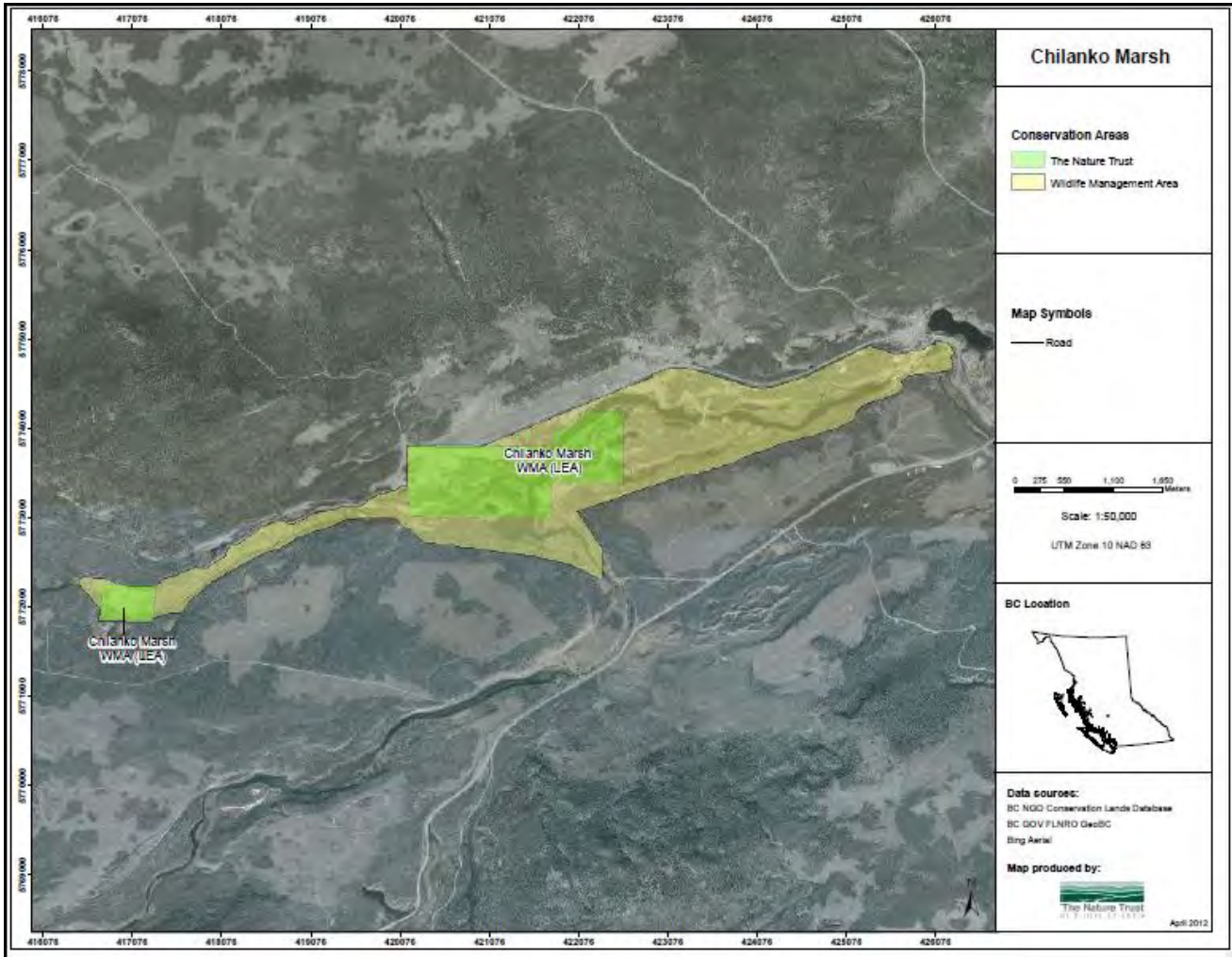
Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
<p>Goal 1: Maintain biodiversity and habitat for fish and wildlife</p>	<p>Objective 1: Inspect property for concerns and assess habitat values</p> <p>Objective 2: Maintain optimal water levels for habitat</p> <p>Objective 3: Maintain perimeter fences</p> <p>Objective 4: Initiate habitat enhancement, when opportune</p> <p>Objective 5: Manage invasive species</p>	<p>S-T Indic 1 –Property Inspection/assessments completed, work plan generated</p> <p>S-T Indic 2 – Water control structures maintained</p> <p>S-T Indic 3 – Fences maintained, reducing livestock trespass</p> <p>S-T Indic 4 – Habitat enhancement projects initiated</p> <p>S-T Indic 5 – Invasive species reduced</p>	<p>L-T Indic 1 – Maintained biodiversity and habitat.</p> <p>L-T Indic 2 – Target wildlife habitat improved</p>
<p>Goal 2: Public use and safety</p>	<p>Objective 1: Ensure that informational signage and facilities, where present, are maintained as appropriate</p>	<p>S-T Indic 1 – Signs maintained</p> <p>S-T Indic 2 – Facility inspections are completed and deficiencies /risks are addressed</p>	<p>L-T Indic 1 – Public is informed of habitat values and property goals</p> <p>L-T Indic 2 – Balance between public use and habitat protection is maintained</p>

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Chilcotin Lake and Marshes Complex

Region: Cariboo

PROJECT INFORMATION

Please complete the following:

7. Name of Property/ Complex: Chilcotin Lake and Marshes Complex

- CLD Reference:*
- Chilcotin Lake and Marshes (LEA)
 - Chilcotin Lake and Marshes (DUA)

8. Habitat Description / Values:

Chilcotin Lake and Marshes is a 599 hectare renowned waterfowl staging marsh, primarily due to its shallow nature and abundance of diverse submergent vegetation. During fall migration, ducks number in the 5,000 to 6,000 range and Canada geese in the hundreds. Chilcotin Lake is also one of the two most important feeding lakes for British Columbia's endangered White Pelican. In addition to a wide diversity of other bird life, the area provides important moose winter range and the water courses support steelhead and Chinook salmon.

9. Guiding Documents:

TNT/Province Lease Agreement, 1987
Chilcotin Lake and Marshes WMA General Management Plan, 1988 (draft)
TNT/Province Management Agreement 2011

10. Financial Sustainability:

This property is part of a larger complex of conservation lands owned and managed with Ducks Unlimited Canada, improving efficiency and cost effectiveness.

11. Partner Recognition:

Informational property signs acknowledge acquisition partners. Future signage, and any press releases will acknowledge all funding and management partners.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

12. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
<p>Goal 1: Maintain biodiversity and habitat for fish and wildlife</p>	<p>1: Inspect property for concerns and assess habitat values 2: Maintain perimeter fences 3: Maintain optimal water levels for habitat 4: Manage invasive species</p>	<p>S-T Indic 1 –Property Inspection/assessments completed and necessary works planned S-T Indic 2 – Complete fence line in portions. S-T Indic 3 – Water control structures maintained S-T Indic 4 – Invasive species reduction</p>	<p>L-T Indic 1 – Maintained biodiversity and habitat. L-T Indic 2 – Maintained functional fence line L-T Indic 3 – Water levels maintained for habitat needs. L-T Indic 4 – Improved habitat integrity</p>
<p>Goal 2: Public use and safety</p>	<p>1: Ensure that informational signage and facilities, where present, are maintained</p>	<p>S-T Indic 1 – Signs Maintained S-T Indic 2 – Facility inspections are completed and deficiencies /risks are addressed</p>	<p>L-T Indic 1 – Public is informed of habitat values and property goals L-T Indic 2 – Balance between public use and habitat protection is maintained</p>

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Dale Lake Property

Region: Cariboo

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Dale Lake Property

CLD Reference: Dale Lake (LEA)

2. Habitat Description / Values:

The Dale Lake Property is a 45.6 hectare wetland complex near Quesnel, BC, within sub-boreal spruce habitat. The lake has high value for nesting and migrating waterfowl. The lake is drained by the Sisters Creek flowing south and west into the Fraser River. To the north of the lake is a large organic bog, overgrown with Labrador tea, dwarf huckleberry, scrub birch, will and black spruce. Upland vegetation around the lake is aspen, alder and some fir. The lake level is maintained for optimal habitat values by the Province.

3. Guiding Documents:

TNT/Province Lease Agreement, 1991
TNT/Province Management Agreement 2011

4. Financial Sustainability:

This property is deemed as requiring passive management, with minimal cost.

5. Partner Recognition:

This property is not currently signed or publicized. In the event that signs are installed, or press given, conservation partners will be acknowledged.

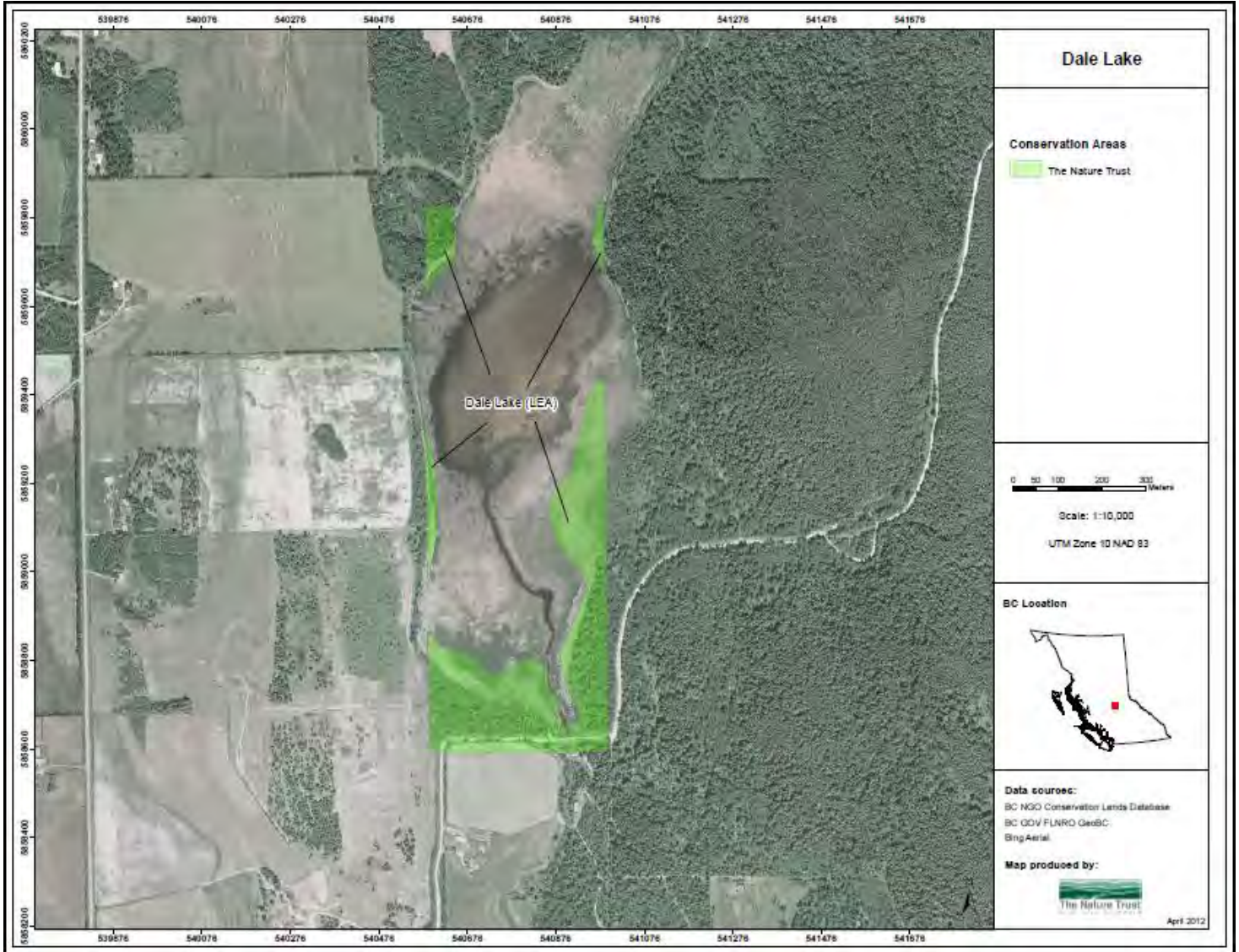


Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	1 Inspect property for concerns when opportunities present and plan activities	1: S-T Indic 1 – Property inspection completed and activities planned	1: L-T Indic 1 – Maintained biodiversity and habitat.
	2: Maintain optimal water levels for habitat	2: S-T Indic 2 – Water control structures maintained	1: L-T Indic 2 – Water levels maintained for habitat needs.
Goal 2: Public use and safety	1: Ensure that informational signage, where present, is maintained	1: S-T Indic 1 – Signs Maintained	1: L-T Indic 1 – Public is informed of habitat values and property goals
		2: inspections are completed and deficiencies /risks are addressed	2: L-T Indic 2 – Balance between public use and habitat protection is maintained

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Tautri Creek Property

Region: Cariboo

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Tautri Creek Property

CLD Reference: Tautri Creek (LEA)

2. Habitat Description / Values:

This 64.75 hectare property is important for the conservation of diverse wildlife habitat north of Stum Lake, including excellent moose and waterfowl habitat. It is also a white pelican feeding area, while Stum Lake to the south is the only known white pelican nesting area in the province. Tautri Creek runs through this property. The upland is unlogged forest, with a beaver swamp adjacent to the southeast boundary on crown land.

3. Guiding Documents:

TNT/Province Lease Agreement, 1982

Tautri/Rosita Management Plan, 1988

TNT/Ducks Unlimited Canada Conservation Agreement, 1988

Tautri Creek Wildlife Area Invasive Plant Management Strategy, 2009

TNT/Province Management Agreement 2011

4. Financial Sustainability:

This property is deemed as requiring passive management, with minimal cost. A management agreement with Ducks Unlimited Canada is in place, which ensures management efficiency and cost effectiveness.

5. Partner Recognition:

This property is not currently signed or publicized. In the event that signs are installed, or press given, conservation partners will be acknowledged.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	1 Inspect property for concerns when opportune, and coordinate tasks	1: S-T Indic 1 –Property inspection completed and coordinate tasks	1: L-T Indic 1 – Maintained biodiversity and habitat.
	2: Maintain optimal water levels for habitat 3: Manage invasive plants	2: S-T Indic 2 – Water control structures maintained 3: Decreased occurrence of invasive plants	1: L-T Indic 2 – Water levels maintained for habitat needs.
Goal 2: Public use and safety	1: Ensure that informational signage, where present, is maintained	1: S-T Indic 1 – Signs Maintained	1: L-T Indic 1 – Public is informed of habitat values and property goals
		2: inspections are completed and deficiencies /risks are addressed	2: L-T Indic 2 – Balance between public use and habitat protection is maintained

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Knife Creek

Region: Cariboo

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Knife Creek

CLD Reference: - Knife Creek (ACQ)

2. Habitat Description / Values:

The Knife Creek property is 150ha in size and is an important portion of one of the prime deer winter ranges in the Cariboo and the most important one near Williams Lake. Deer summering as far as 120km away winter on this range. The property is located in the very dry moderate Interior Douglas-fir (IDFxm) biogeoclimatic subzone. It consists of both forested and grassland areas. The spring range grasslands are adjacent to the winter range making this area very important.

3. Guiding Documents:

HCTF Purchase in 1989

Report: Management Strategy for Mule Deer Winter Ranges in the Cariboo-Chilcotin Part 1a:
Management Plan for Shallow and Moderate Snowpack Zones 2007

4. Financial Sustainability:

This property has a 5km perimeter fence line that needs annual maintenance to keep livestock off the property. There are also portions that need redoing. The adjacent UBC Research Forest staff has been helpful in trying to keep invasive plants under control.

5. Partner Recognition:

Informational property signs acknowledge acquisition partners. Future signage and any press releases will acknowledge all funding and management partners.



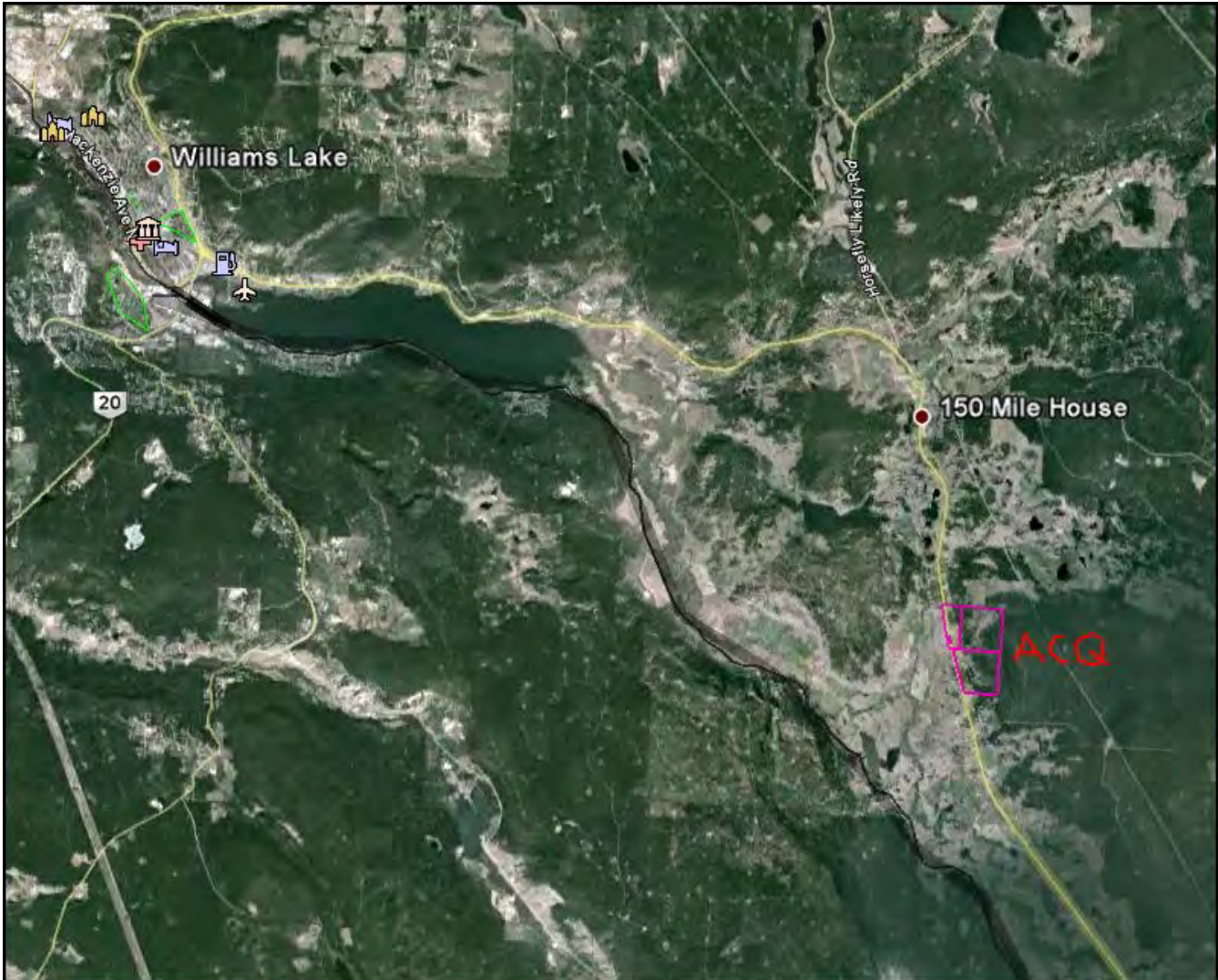
Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

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Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	1: Inspect property for concerns and assess habitat values 2: Maintain perimeter fences 3: Manage invasive species	S-T Indic 1 –Property Inspection/assessments completed and necessary works planned S-T Indic 2 – Complete fence maintenance. S-T Indic 3 – Invasive species reduction	L-T Indic 1 – Maintained biodiversity and habitat. L-T Indic 2 – Maintained functional fence line L-T Indic 3 – Improved habitat integrity
Goal 2: Public use and safety	1: Ensure that informational signage are maintained	S-T Indic 1 – Signs Maintained	L-T Indic 1 – Public is informed of habitat values and property goals

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN



HCTF Acquisition (ACQ)
1:100,000



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Hanceville

Region: Cariboo

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Hanceville

CLD Reference: - Hanceville (ACQ)

2. Habitat Description / Values:

The Hanceville property is 109ha in size and has a regionally significant spring because of the consistent flow and temperature year round. The property is open Douglas-fir upland with a south-facing aspect. There is Mule Deer Winter Range overlap and a portion is in an Old Growth Management Area (OGMA). Other wildlife values include species at risk such as Flammulated Owls, Townsend's Big-eared Bats, Badgers and snakes.

3. Guiding Documents:

HCTF Purchase in 1983

Six Water Licences: MOE: C120632, C120581, C120644; other licenses: C118398, C120355, C118039
Licence of Occupation / Stewardship Agreement is being developed for caretaker/tenants.

4. Financial Sustainability:

This property has a caretaker / tenant who will be making improvements and managing the property on the ground.

5. Partner Recognition:

Informational property signs acknowledge acquisition partners. Future signage and any press releases will acknowledge all funding and management partners.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

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Goal 2: Public use and safety	1: Ensure that informational signage and facilities, where present, are maintained	S-T Indic 1 – Signs Maintained S-T Indic 2 – Facility inspections are completed and deficiencies /risks are addressed	L-T Indic 1 – Public is informed of habitat values and property goals L-T Indic 2 – Balance between public use and habitat protection is maintained

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN



HCTF Acquisition (ACQ)

SKEENA REGION



Skeena Region: Index of Property Plans

Alice Arm

Bulkley Valley

Kitsumkalum Lake- Nelson River

Lakelse Lake- Mullers Bay

Lakelse River

Nadina River Valley - Owen Lake

Smith Island

Todagin WMA

Wildlife O&M 3-year Application – ALICE ARM PROPERTY

SITE DESCRIPTIONS / ACTIVITIES

1. Name of property:

- a. *Property Name:* **Alice Arm Property**
- b. *CLD Reference:* Alice Arm (LEA)

2. Habitat Description / Values

This 59.89 hectare conservation property at Alice Arm is a Pacific Estuary Conservation Program acquisition. The site contains a mixture of deciduous and coniferous forest adjacent to saltwater intertidal zone marsh, providing habitat for a wide variety of terrestrial animals and waterfowl.

3. Guiding Documents

- TNT/Province Lease Agreement, 1996*
- TNT/Province Management Agreement 2011*

4. Goals, Objectives and Performance Indicators

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	Objective 1: Inspect property for concerns when opportunities present	S-T Indic 1 –Property inspection completed	L-T Indic 1 – Maintained biodiversity and habitat.
Goal 2: Public use and safety	Objective 1: Ensure that informational signage, where present, is maintained	S-T Indic 1 – Signs maintained S-T Indic 2 – inspections are completed and deficiencies /risks are addressed	L-T Indic 1 – Public is informed of habitat values and property goals L-T Indic 2 – Balance between public use and habitat protection is maintained

5. Financial Sustainability

This property is deemed as requiring passive management, with minimal cost.


6. Partner Recognition

This property is not currently signed or publicized. In the event that signs are installed, or press given, conservation partners will be acknowledged.




Alice Arm

Conservation Areas

 The Nature Trust

Map Symbols

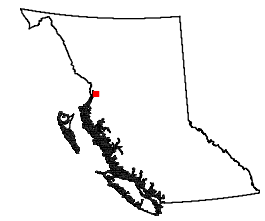
 Road



Scale: 1:20,000

UTM Zone 9 NAD 83

BC Location



Data sources:

BC NGO Conservation Lands Database
BC GOV FLNRO GeoBC
ArcGIS Imagery

Map produced by:



Alice Arm | Skeena Region



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: Bulkley Valley (DUA) - Wildlife Habitat Management Areas Operations

Region: Skeena

Contact: Len Vanderstar, Ecosystem Biologist, Skeena Region, MFLNRO
 Alternate: Karen Diemert, Ecosystem Section Head, Skeena Region, MFLNRO
 Bag 5000, Smithers, BC, V0J 2N6
 250-847-7260

PROJECT INFORMATION

Please complete the following:

- 1. Name of Property/ Complex:** S. 17 Land Act Reserve WHMAs

- 2. Habitat Description / Values:** Crown Land S. 17 Reserves for Fish & Wildlife. The WHMAs capture the remaining parcels of public lands within the Bulkley Valley portion of the Bulkley LRMP that have good wildlife habitat and have not been designated or tenured for development other than for grazing licences or permits. The WHMAs largely capture remaining conifer mature forest, along with deciduous complexes that collectively serve for habitat for song birds, fur bearers, bears, ungulates (deer & moose), small mammals/amphibians, and an array of forest dependent insects.

- 3. Guiding Documents:** Bulkley LRMP; Bulkley Landscape Unit Plan, S.17 Land Act Order, pending Land Use Order Regulation

- 4. Financial Sustainability:** Provincial Government managed



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

- 5. Partner Recognition:** WHMA signage & educational material will have funding partner logo inclusions; media material will recognize HCTF contribution.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

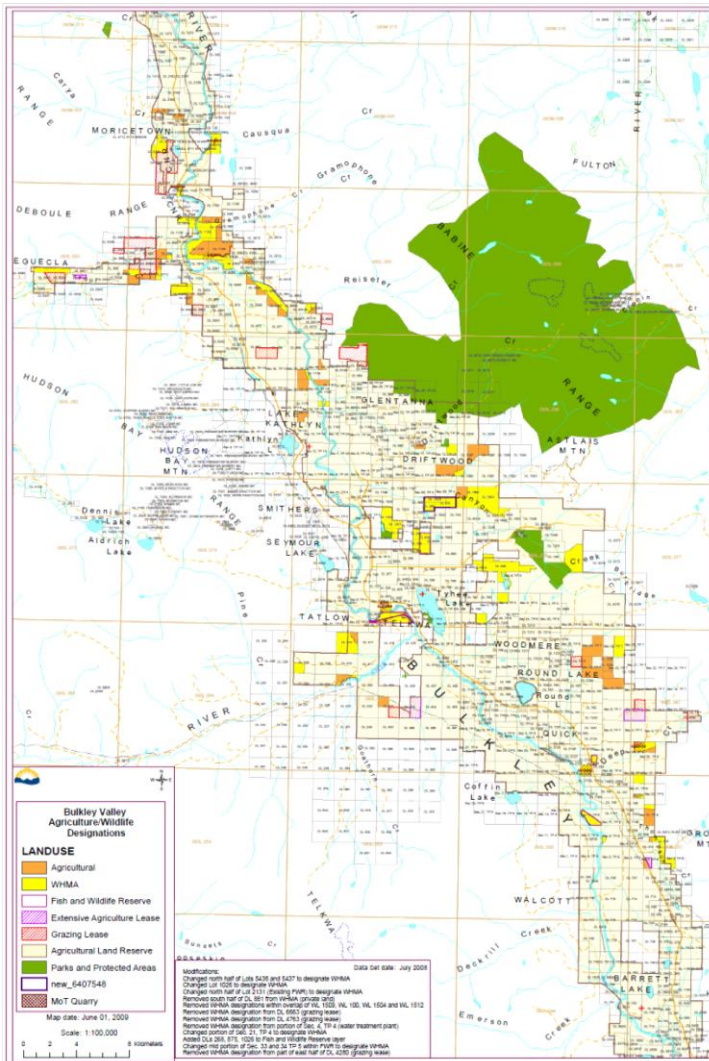
6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintenance of public land fish & wildlife habitat within the Bulkley Valley	1: Habitat restoration as a result of site/trail damage and invasive species.	1: Restoration work performed 2: Invasive species control measures	1: Establishment of near natural conditions 2: Effective management of invasive species
	2: Elimination of wildlife hazards/entrapments	1: Removal of old, dysfunctional barb wire fencing	1: Elimination of ungulate entrapment mortality



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Kitsumkalum Lake Property

Region: Skeena

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Kitsumkalum Lake

CLD Reference:

- Kitsumkalum Lake (LEA) – Nelson River

2. Habitat Description / Values:

This 17.97 hectare property conserves important riverine and wetland habitat, including a river delta and marsh, near Kitsumkalum Provincial Park.

Located on the south end of Kitsumkalum Lake, this property is the only piece of private land, adjacent to a block of BC Parks land, encompassing the mouth of Nelson Creek. The delta formed by the creek is marshy and is particularly important to waterfowl and moose. Nelson Creek is a valuable salmonid spawning area.

3. Guiding Documents:

TNT/Province Lease Agreement, 1984

TNT/Province Management Agreement 2011

4. Financial Sustainability:

This property is deemed as requiring passive management, with minimal cost, being located near Kitsumkalum Lake Provincial Park, but having difficult public access. Being managed within a larger conservation complex promotes efficiency.

5. Partner Recognition:

Signage, and any press releases, will acknowledge all funding and management partners.



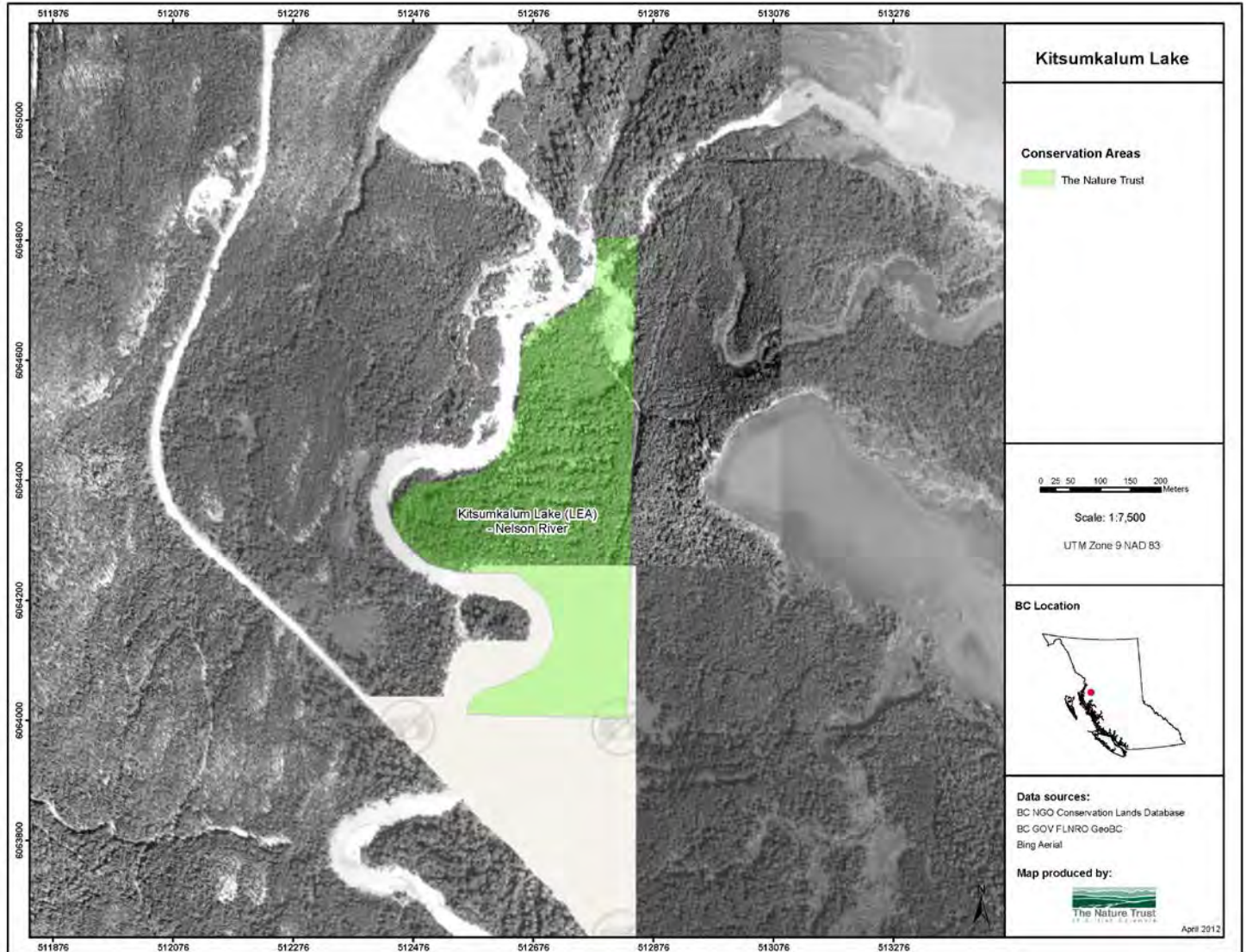
Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	Objective 1: Inspect property for concerns when opportunities present	S-T Indic 1 –Property inspection completed	L-T Indic 1 – Maintained biodiversity and habitat.
Goal 2: Public use and safety	Objective 1: Ensure that informational signage, where present, is maintained	S-T Indic 1 – Signs maintained S-T Indic 2 – inspections are completed and deficiencies /risks are addressed	L-T Indic 1 – Public is informed of habitat values and property goals L-T Indic 2 – Balance between public use and habitat protection is maintained

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Lakelse Lake Property

Region: Skeena

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Lakelse Lake Property

CLD Reference: - Lakelse Lake (LEA) –Mullers Bay Wildlife Area

2. Habitat Description / Values:

This 54.4 hectare property is located on north end of Lakelse Lake. It includes reed beds, a beaver marsh, and sandy beach.

This property is high in botanical diversity due to the interface of several different habitat types. The offshore reed beds offer waterfowl a resting place in open water early in the spring, safe from northerly winds. Scoter, scaup, mallard, goldeneye, and red-necked grebes are seen in the Muller Beach area, in significant numbers. The reed beds also provide habitat for whitefish and fry of various species. Cottage development has tended to destroy reed beds in the other portions of the lake, making this an important site. Early succession along the lower beach grades to a mixed forest sub-climax system at higher sites up from the beach. Here numerous passerines find early green-up in spring for cover and feed and avian diversity is high reflecting the high habitat diversity. Behind the conifer windbreak, a marshy habitat dominates with a correspondingly characteristic flora and fauna adding again to the diversity of the site. Moose, bear and furbearers are abundant. Lakelse Lake contains one of the most important fisheries in the northwest.

The property is bounded to the east by Lakelse Lake Provincial Park.

3. Guiding Documents:

TNT/Province Lease Agreement, 1984

Lakelse Lake Provincial Park – Management Direction Statement (adjacent), 2000

TNT/Province Management Agreement, 2011

4. Financial Sustainability:

This property is adjacent to the Lakelse Lake Provincial Park, resulting in greater management efficiency.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

5. Partner Recognition:

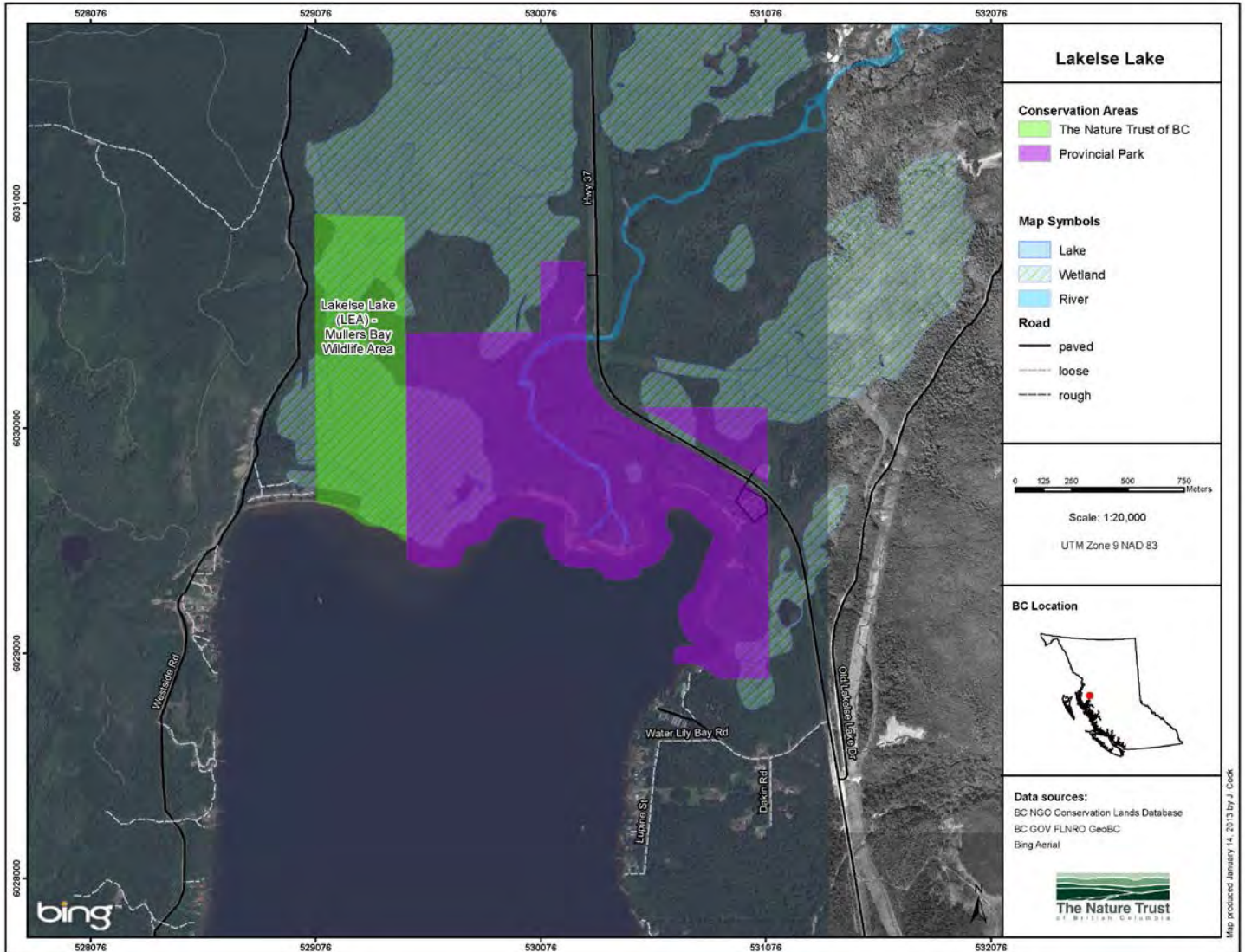
This property is not currently signed or publicized. In the event that signs are installed, or press given, conservation partners will be acknowledged.

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	1: Inspect property for concerns when opportunities present 2: Address management concerns as required	S-T Indic 1 –Property inspection completed; management needs met.	L-T Indic 1 – Maintained biodiversity and habitat.
Goal 2: Public use and safety	1: Ensure that informational signage, where present, is maintained 2: Ensure that any public access facilities are maintained and appropriate	S-T Indic 1 – Signs maintained S-T Indic 2 – Facilities are maintained for public use S-T Indic 3 – inspections are completed and deficiencies /risks are addressed	L-T Indic 1 – Public is informed of habitat values and property goals L-T Indic 2 – Balance between public use and habitat protection is maintained L-T Indic 3 – Public continues to enjoy a safe environment for wildlife viewing and angling

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Lakelse River Property

Region: Skeena

PROJECT INFORMATION

1. Name of Property/ Complex: Lakelse River Property

CLD Reference: Lakelse River (LEA)

2. Habitat Description / Values:

This 51.4 hectare property, located on Lakelse River, which is one of the most important spawning rivers on the Skeena system, maintains fish habitat within Class II angling waters. It provides diverse wildlife habitat and high recreation values.

3. Guiding Documents:

- *TNT/Province Lease Agreement, 1984*
- *Thunderbird Integrated Resource Management Plan, 1991*
- *TNT/Province Management Agreement 2011*

4. Financial Sustainability:

This property is deemed as requiring passive management, with minimal cost, other than periodic site assessments, conducted opportunistically.

5. Partner Recognition:

Any property informational signs and promotional materials/press releases will acknowledge all conservation partners.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

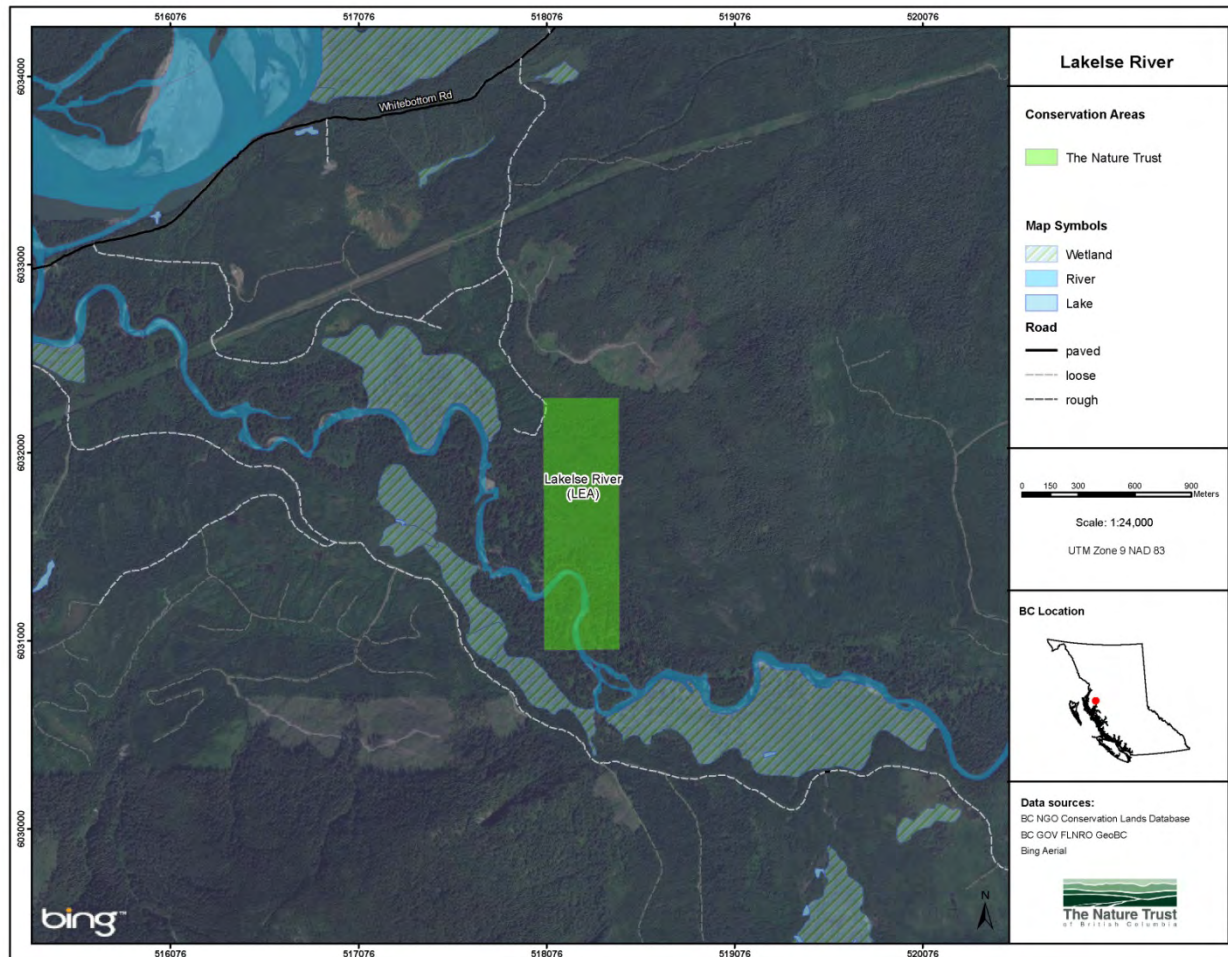
6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Maintain biodiversity and habitat for fish and wildlife	1: Annually inspect property for concerns and produce work plan	1: Annual property inspection completed and work plan generated	1: Maintained or enhanced habitat integrity.
Goal 2: Maintain Public safety	1: Ensure that informational signage, where present, is maintained	1: Signs maintained	1: Public is informed of habitat values and property goals.
	2: Ensure that any public access facilities are maintained and appropriate	1: Facilities are maintained for public use	1: Balance between public use and habitat protection is maintained.
		2: inspections are completed and deficiencies /risks are addressed	2: Public continues to enjoy a safe environment for wildlife viewing and angling.

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Lakelse River Property



Wildlife O&M 3-year Application – NADINA RIVER VALLEY PROPERTY

SITE DESCRIPTIONS / ACTIVITIES

1. Name of property:

- a. *Property Name:* **Nadina River Valley Property**
- b. *CLD Reference:* Nadina River Valley (LEA) – Owen Lake

2. Habitat Description / Values

This 56.67 hectare property represents a remote parcel to conserve an example of Hecate lowland bog habitat. This is excellent deer and waterfowl habitat, salmon and cutthroat trout habitat; and is typical of Hecate Lowlands passive management. Smith Island is used extensively by wildlife, especially deer. The island has several small lakes that are good waterfowl habitat. The property has frontage on Inverness Passage, and therefore contains some estuarine habitat. This has considerable herbaceous backshore and mudflat habitat, of importance to shorebirds and waterfowl.

Smith Island is located at the mouth of the Skeena River, approximately 3 km south of the Port Edward town site. It is bounded by Inverness Passage to the north and east, Horsey Passage to the south, and Chatham Sound to the west.

3. Guiding Documents

- TNT/Province Lease Agreement, 1989*
- TNT/Province Management Agreement 2011*

4. Goals, Objectives and Performance Indicators

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	Objective 1: Inspect property for concerns, as opportunities present Objective 2: Respond to management issues as they arise Objective 2: Ensure that resource tenure holders in the area minimize impacts to conservation values on the property	S-T Indic 1 – Property inspected for concerns S-T Indic 2 – Management issues addressed in a timely manner S-T Indic 3 –Resource plans reviewed for conservation concerns	L-T Indic 1 – Effective passive management. L-T Indic 2 – Improved awareness of conservation concerns by resource industries in region

5. Financial Sustainability

This property is deemed as requiring passive management, with minimal cost.

6. Partner Recognition

This property is not currently signed or publicized. In the event that signs are installed, or press given, conservation partners will be acknowledged.

5992000 5992200 5992400 5992600 5992800 5993000 5993200 5993400



648876 649076 649276 649476 649676 649876 650076 650276

Nadina River Valley

Conservation Areas

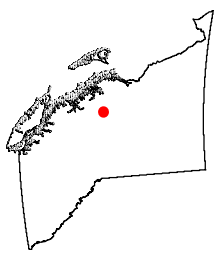
The Nature Trust



Scale: 1:7,500

UTM Zone 9 NAD 83

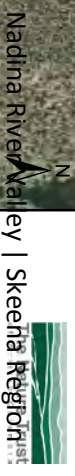
BC Location



Data sources:

- BC NGO Conservation Lands Database
- BC GOV FLNRO GeoBC
- Bing Aerial

Map produced by:



April 2012

Wildlife O&M 3-year Application – SMITH ISLAND PROPERTY

SITE DESCRIPTIONS / ACTIVITIES

1. Name of property:

- a. *Property Name:* **Smith Island Property**
- b. *CLD Reference:* Smith Island (LEA)

2. Habitat Description / Values

This 56.67 hectare property represents a remote parcel to conserve an example of Hecate lowland bog habitat. This is excellent deer and waterfowl habitat, salmon and cutthroat trout habitat; and is typical of Hecate Lowlands passive management. Smith Island is used extensively by wildlife, especially deer. The island has several small lakes that are good waterfowl habitat. The property has frontage on Inverness Passage, and therefore contains some estuarine habitat. This has considerable herbaceous backshore and mudflat habitat, of importance to shorebirds and waterfowl.

Smith Island is located at the mouth of the Skeena River, approximately 3 km south of the Port Edward town site. It is bounded by Inverness Passage to the north and east, Horsey Passage to the south, and Chatham Sound to the west.

3. Guiding Documents

- TNT/Province Lease Agreement, 1989*
- TNT/Province Management Agreement 2011*

4. Goals, Objectives and Performance Indicators

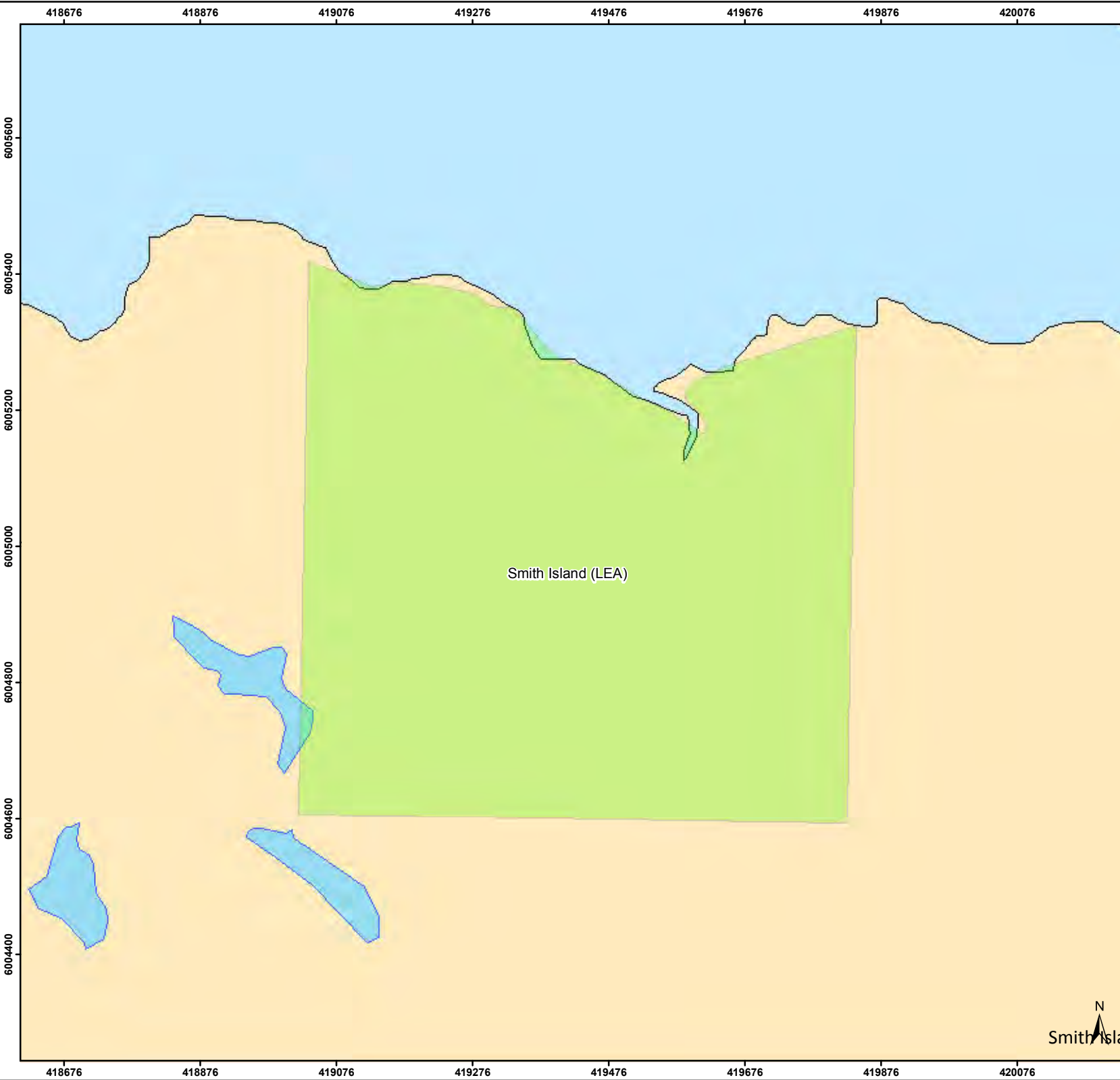
Conservation & Property Management Goals	Land Management Objectives	Performance Indicators	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	Objective 1: Inspect property for concerns, as opportunities present Objective 2: Respond to management issues as they arise Objective 2: Ensure that resource tenure holders in the area minimize impacts to conservation values on the property	S-T Indic 1 – Property inspected for concerns S-T Indic 2 – Management issues addressed in a timely manner S-T Indic 3 –Resource plans reviewed for conservation concerns	L-T Indic 1 – Effective passive management. L-T Indic 2 – Improved awareness of conservation concerns by resource industries in region

5. Financial Sustainability

This property is deemed as requiring passive management, with minimal cost.

6. Partner Recognition

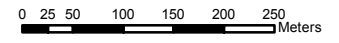
This property is not currently signed or publicized. In the event that signs are installed, or press given, conservation partners will be acknowledged.



Smith Island

Conservation Areas

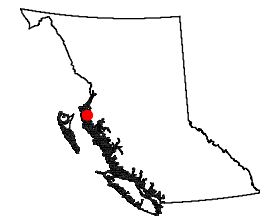
- The Nature Trust



Scale: 1:7,500

UTM Zone 9 NAD 83

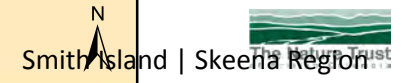
BC Location



Data sources:

- BC NGO Conservation Lands Database
- BC GOV FLNRO GeoBC

Map produced by:





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Todagin Wildlife Management Area

Region: Skeena

Contact: Len Vanderstar, Ecosystem Biologist, Skeena Region, MFLNRO

Alternate: Karen Diemert, Ecosystem Section Head, Skeena Region, MFLNRO

Bag 5000, Smithers, BC, V0J 2N6

250-847-7260

PROJECT INFORMATION

1. Name of Property/ Complex: Todagin Wildlife Management Area

2. Habitat Description / Values:

The Todagin WMA is 122,787 hectares in size and is centrally located within a large regional complex of interconnected protected areas that includes Spatsizi Plateau Wilderness Park, Stikine River Park, Mount Edziza Park and several smaller provincial parks. It is the largest wildlife management area in the province and is within Tahltan Nation traditional territory. It is situated about 150 kilometres south of the community of Dease Lake and lies due east of Highway 37 and Tatogga Lake.

The wildlife management area surrounds the 3,490 hectare Todagin South Slope Park and includes the Todagin plateau and Todagin and Tsatia mountains (Figure 2). The elevation range is from about 840 meters to 2400 meters above sea level.

The northern boreal mountain and plateau ecosystems characteristic of the region are well represented within the Todagin Wildlife Management Area. Grizzly bear, Stone's sheep, mountain goat, hoary marmot, moose, and woodland caribou are examples of the wildlife that inhabit the wildlife management area. Stone's sheep are of particular importance to the wildlife management area. The resident population appears to have been stable since the 1980s and has a high population density relative to Stone's sheep populations elsewhere in northwest British Columbia.

3. Guiding Documents:

- *Cassiar Iskut-Stikine LRMP*
- *Todagin WMA Mgt. Plan – May 2011 Draft*



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

4. Financial Sustainability:

The Todagin WMA was legally established in 2001 under Section 4 of the *Wildlife Act* (R.S.B.C. 1996, c. 488). As such, Skeena Region, MFLNRO has prioritized completion of the WHA management plan with the financial assistance of HCTF.

A wildlife management area designation enables the land to be regulated by the *Wildlife Act* and provides for the conservation of lands and habitat for wildlife purposes

Partner Recognition:

Todagin WMA informational signs and promotional materials/press releases will acknowledge all conservation partners.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

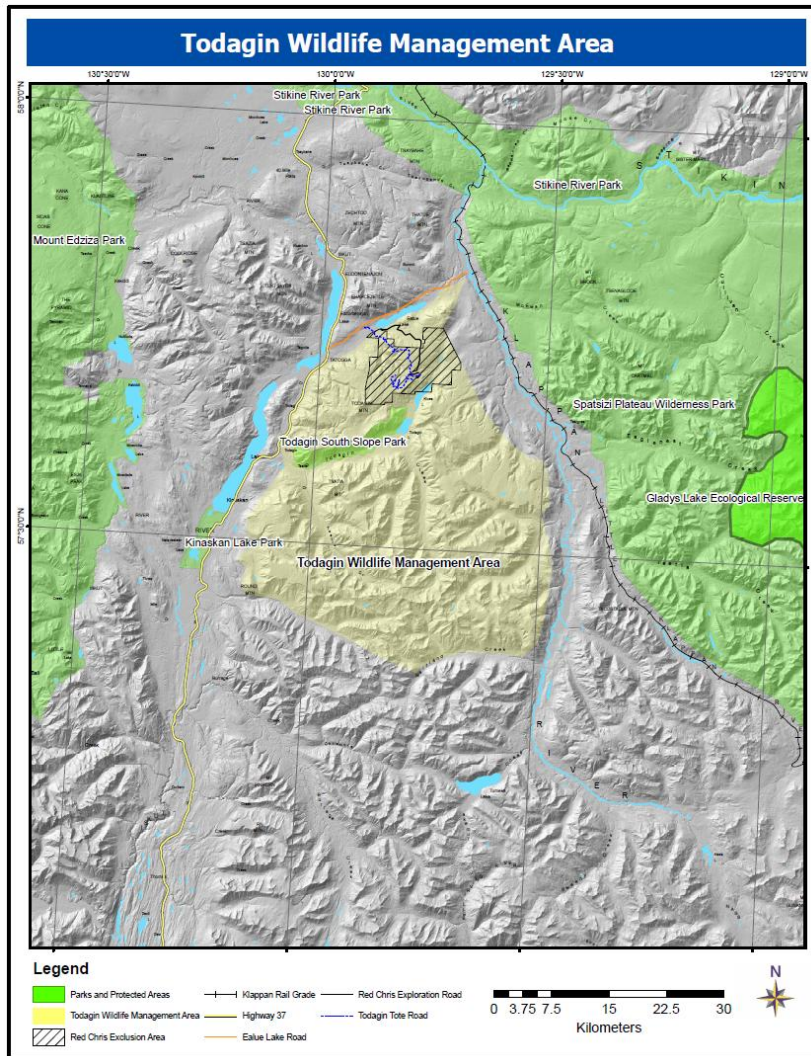
5. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Sustainability of Todagin & Tsatia Mtn. (Todagin Zone – Iskut-Stikine LRMP) Stone’s sheep and other mtn. ungulate habitat and populations.	1: Integrate management for Stone’s sheep and other wildlife, recreational activities, mineral exploration, mine development and reclamation.	1: Completion of the Todagin WMA Mgt. Plan 2: WMA Mgt. Plan Implementation	1: Stable viable mtn. ungulate populations 2: Habitat supply maintenance
	2: Public and corporate awareness of the WMA values and responsible use.	1: Info brochures 2: Best mgt. practices development and communication	1: Reduction in wildlife harassment encounters 2: Maintenance or increase ungulate fitness going into rut and winter



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN



OMINECA



Omineca Region: Index of Property Plans

Cluculz Lake / Joanne Lloyd Property

Cranberry / Starratt Marsh

Mount Robson Ranch Property

Nechako River / Tyee Property

Stellako River Wildlife Management Area



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Cluculz Lake / Joanne Lloyd Property

Region: Omineca

PROJECT INFORMATION

1. Name of Property/ Complex: Cluculz Lake / Joanne Lloyd Property

CLD Reference: Cluculz Lake – Joanne Lloyd (ACQ) – 22 hectares (2007)
Cluculz Lake East (MR) – 180 hectares (1993)

2. Habitat Description / Values:

The Cluculz Lake / Joanne Lloyd Property is approximately 202 hectare in size and provides quality habitat for deer and moose, among other fish and wildlife. In 2007 the 22 hectare acquisition was an eco-gift donation from the Lloyd family. There two parcels in conjunction with a Map Reserve called Bednesti Lake and a parcel of Crown land between the two Map Reserve parcels are proposed to be the Joanne Lloyd Wildlife Management Area. Due to government re-organizations and competing priorities, the progress of moving this WMA proposal forward has been delayed.

3. Guiding Documents:

- *None*

4. Financial Sustainability:

The Acquisition property makes up 22.57 hectares of the total property complex. It was an ecogift from the Lloyd family in honour of Joanne Lloyd. The area is proposed for a Wildlife Management Area designation. The current funding request is to apply to the Acquisition portion of the complex due to funding requirements. In addition, there is a link to the Northwest Invasive Plant Council regarding the management of invasive plants within the Property.

5. Partner Recognition:

Property informational signs and promotional materials/press releases will acknowledge all conservation partners.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

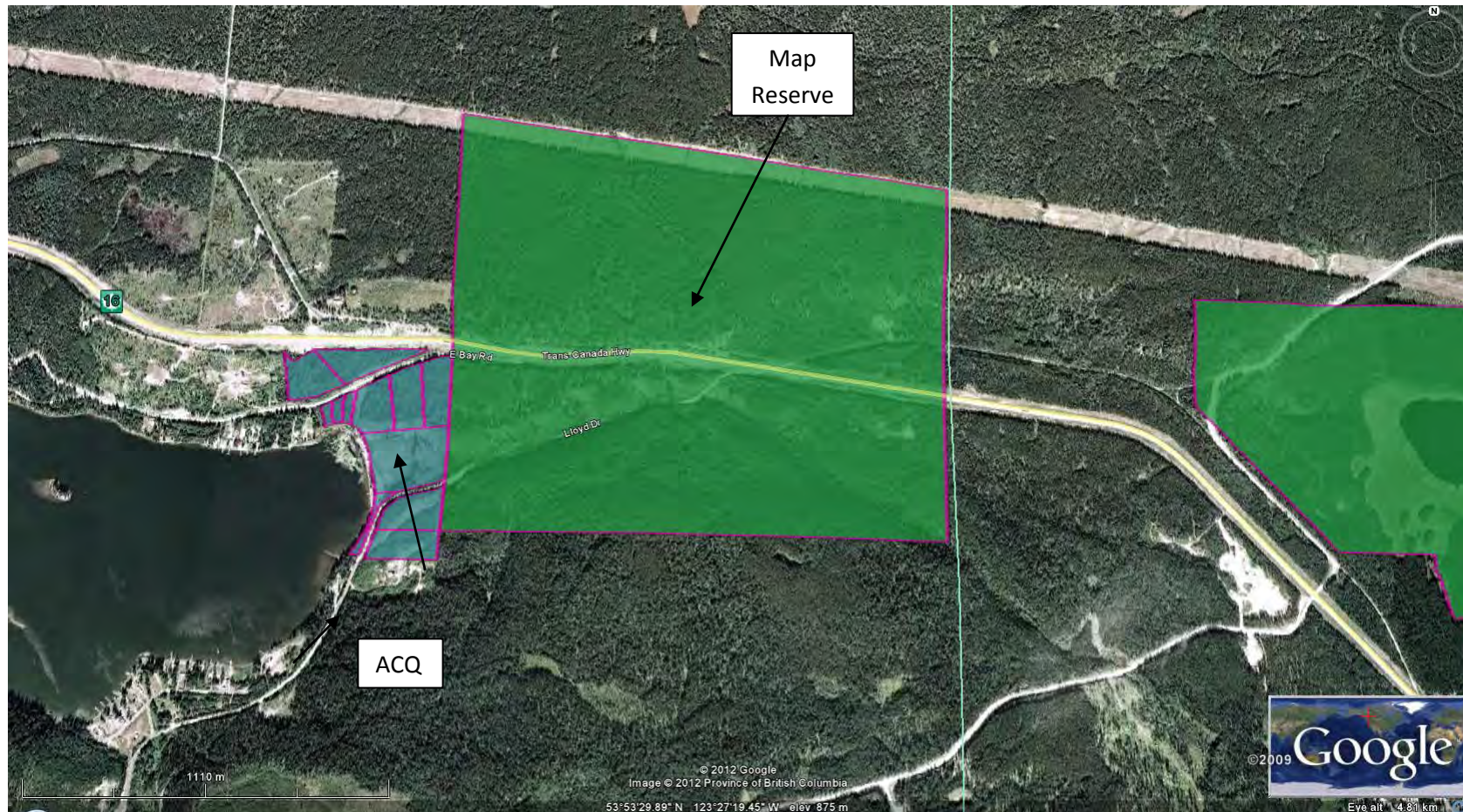
6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns and produce work plan	1: Annual property inspection completed and work plan generated	1: Maintained or enhanced habitat integrity.
	2: Manage invasive plants	1: Decreased occurrence of invasive plants	1: Decreased prevalence of invasive species.
Goal 2: Maintain Public safety	1: Ensure that informational signage is maintained	1: Signs maintained	1: Public is informed of habitat values and property goals.
	2: Ensure that public access facilities are maintained and appropriate	1: Facilities are maintained for public use	1: Balance between public use and habitat protection is maintained.
	3: Ensure built facilities on property are inspected annually and maintained	1: inspections are completed and deficiencies /risks are addressed	1: Public continues to enjoy a safe environment for wildlife viewing and interpretation

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Cluculz Lake / Joanne Lloyd Property





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Cranberry Marsh

Region: Omineca

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex: Cranberry Marsh (also known as Starratt Marsh)

- a. *CLD Reference:*
- Cranberry Marsh (ACQ) – 10.5 hectares (2004)
 - Cranberry Marsh (TAC) – 209 hectares (2010)
 - Cranberry Marsh (LEA 1) – 52.6 hectares (1978)
 - Cranberry Marsh (LEA 2) – 47.1 hectares (1985)

2. Habitat Description / Values:

Cranberry Marsh, also known as Starratt Wildlife Sanctuary, is a provincially important waterfowl nesting and resting area for migrating birds. It offers renowned wildlife viewing opportunities. The accessible trails and viewing towers provide locals and visitors with exceptional opportunities to view nature with minimal impact to the area. An abundance of tree cover and an expanse of marsh habitat make it a productive area for many species, including birds, rodents, aquatic insects, fish, amphibians and large animals. Ducks Unlimited Canada (DUC), has enhanced the site by creating approximately forty nesting islands, as well as waterways and water control structures.

3. Guiding Documents:

TNT/Province Lease Agreement, 1978
Ducks Unlimited Canada protocol / management agreement (Proj. # 2110), 1985
Ministerial Order No. M236 (under the Land Act), transfer of Administration for 60 years, 2010
Invasive Plant Management Plan for Cranberry Marsh, 2011
TNT/Province Management Agreement 2011



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

4. Financial Sustainability:

Ducks Unlimited Canada, The Nature Trust of BC and the Village of Valemount (and Friends of Valemount) are management partners on the property. In addition, there is potential for the establishment of a Wildlife Management Area over the entire 400 hectare wetland complex, which would include The Nature Trust lease portions of the marsh. These present, and potential, management arrangements ensure cost effectiveness of management activities. In addition, there is a link to the Northwest Invasive Plant Council regarding the management of invasive plants within the Property / Complex.

5. Partner Recognition:

A number of large informational signs at public viewing points on the property contain logos of all partners, including the Province and HCTF. Educational programs, particularly with school children, occur on site. During these educational sessions, conservation partners are acknowledged.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

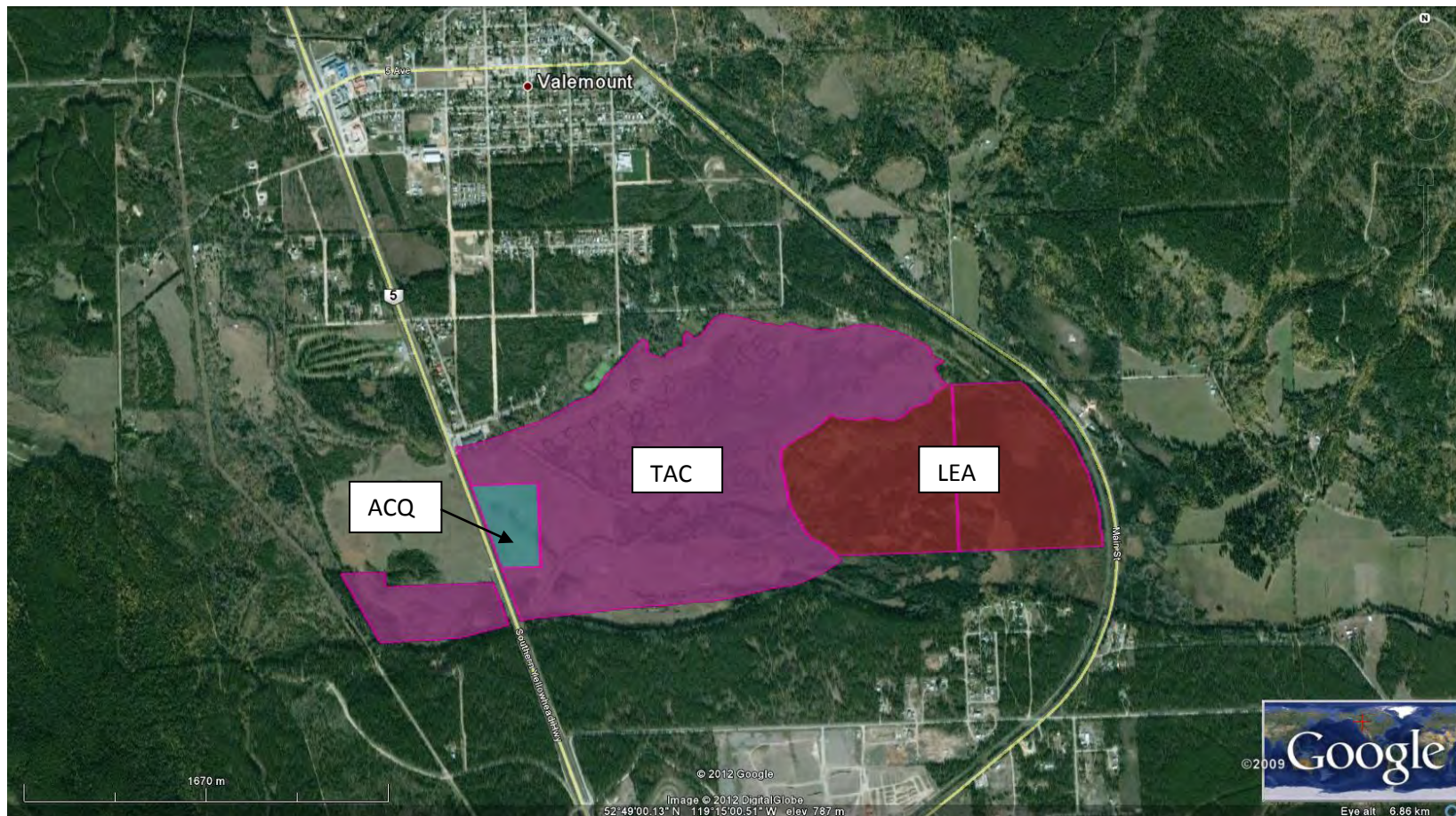
6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect and maintenance of property for concerns	1: Annual property inspection completed 2: Installation and maintenance of nest boxes	1: Maintain habitat for wildlife.
	2: Manage invasive plants	1: Decreased occurrence of invasive plants	1: Decreased prevalence of invasive species.
	3: Maintain optimal water levels for habitat	1: Water control structures maintained	1: Water levels maintained for habitat needs.
Goal 2: Provide opportunities for compatible wildlife-oriented recreation and interpretation	1: Ensure that informational signage is maintained	1: Signs maintained	1: Public is informed of habitat values and property goals.
	2: Ensure that public access facilities are maintained and appropriate	1: Facilities are maintained for public use	1: Balance between public use and habitat protection is maintained.
Goal 3: Maintain public safety	1: Ensure built facilities on property are inspected annually	1: Inspections are completed and deficiencies /risks are addressed	1: Public continues to enjoy a safe environment for wildlife viewing and interpretation.

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Name of Property/ Complex: Cranberry Marsh (also known as Starratt Marsh)





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Mount Robson Ranch Property

Region: Omineca

PROJECT INFORMATION

1. Name of Property/ Complex: Mount Robson Ranch Property

CLD Reference: Mount Robson Ranch (LEA) – 223 hectares (1984)

2. Habitat Description / Values:

The Mount Robson Ranch Property is 222.57 hectare in size and provides quality habitat for deer and moose, among other wildlife. In particular the property provides excellent winter range for moose. There are also small wetlands on the property that were created by beaver activity. This parcel is adjacent to Mount Robson Provincial Park/UNESCO Heritage Site, but is not included in the park's boundary.

3. Guiding Documents:

- *TNT/Province Lease Agreement, 1984*
- *TNT/Province Management Agreement 2011*

4. Financial Sustainability:

The Mount Robson Ranch Property lies adjacent to the Mount Robson Provincial Park. Management activities should be coordinated with those of BC Parks to reduce costs.

5. Partner Recognition:

Property informational signs and promotional materials/press releases will acknowledge all conservation partners.



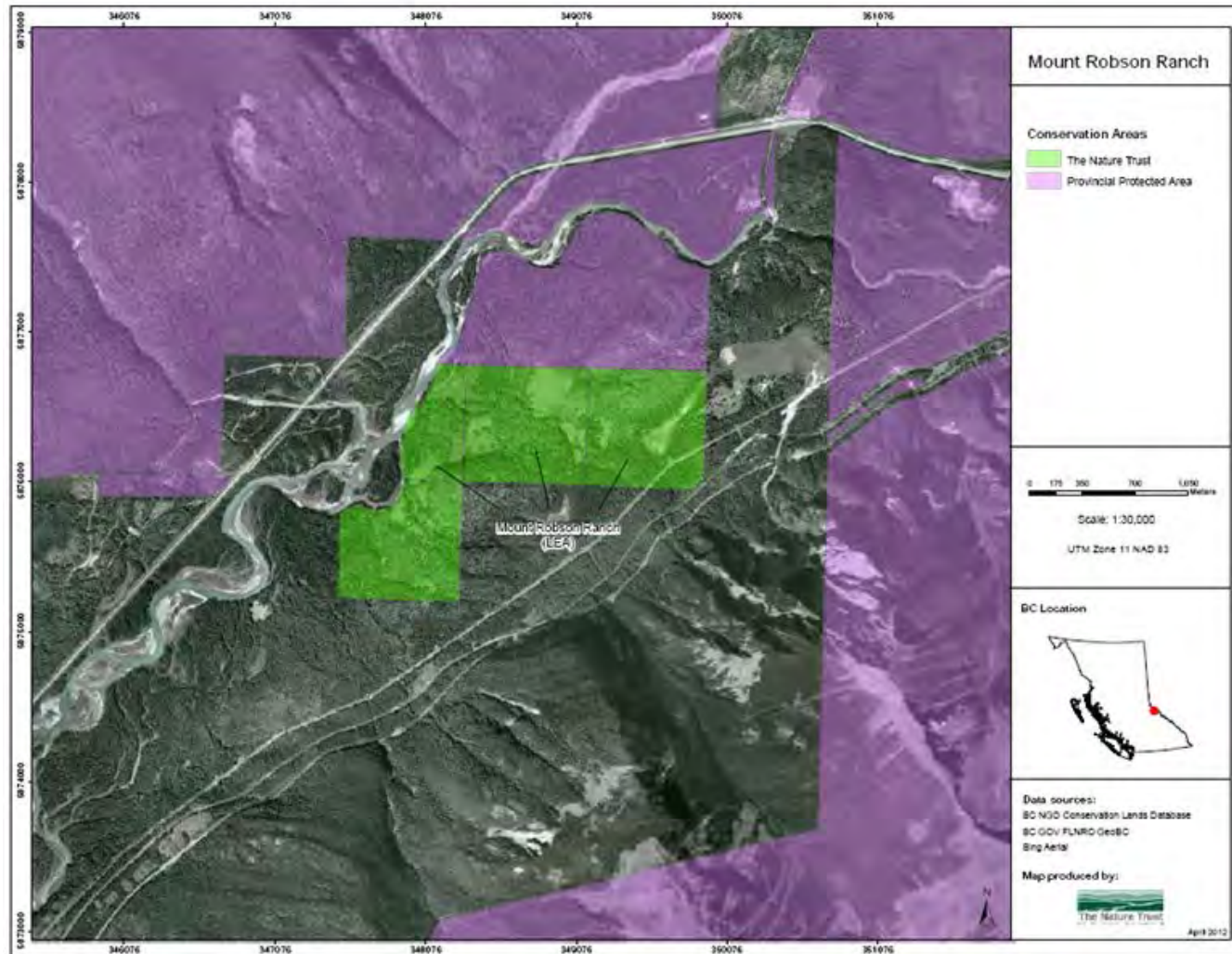
Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns	1: Annual property inspection completed	1: Habitat values maintained or improved.
	2: Maintain or improve ungulate forage	1: Review plans for enhancement	1: Habitat values maintained or improved.
Goal 2: Public safety	1: Ensure that informational signage is maintained	1: Signs maintained	1: Public is informed of habitat values, property goals and boundaries..
	2: Ensure that public access points are appropriate	1: Inspections are completed and deficiencies /risks are addressed	1: Balance between public use and habitat protection is maintained.

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Nechako River / Tyee Property

Region: Omineca

PROJECT INFORMATION

1. Name of Property/ Complex: Nechako River / Tyee Property

CLD Reference: Nechako River (LEA) -- Tyee – 15.85 hectares (1995)

2. Habitat Description / Values:

The Nechako River Property is a 15.85 hectare mature Douglas-fir ecosystem in the Prince George area, which is unique for this latitude. The property provides good winter range for mule deer and other wildlife. It is located in Prince George's city limits, allowing easy access to the community. Its slope allows natural viewing vantages over the entire Nechako Valley.

3. Guiding Documents:

- *TNT/Province Lease Agreement, 1995*
- *Ministry of Tourism, Culture and the Arts – Mountain Bike Trail Agreement, 2010*
- *TNT/Province Management Agreement 2011*

4. Financial Sustainability:

The Nature Trust of BC and the Recreation Sites and Trails Branch are management partners on the property. These present management arrangements ensure cost effectiveness of management activities. In addition, this Nature Trust holding is adjacent to a residential subdivision. It would be beneficial to involve this community in property management to reduce management costs. Also, there is a link to the Northwest Invasive Plant Council regarding the management of invasive plants within the Property.

5. Partner Recognition:

Property informational signs and promotional materials/press releases will acknowledge all conservation partners.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns and produce work plan	1: Annual property inspection completed and work plan generated	1: Public is informed of habitat values, property goals, and boundaries
	2: Manage invasive plants	1: Decreased occurrence of invasive plants	1: Decreased prevalence of invasive species.
Goal 2: Maintain Public safety	1: Ensure that informational signage is maintained	1: Signs maintained	1: Public is informed of habitat values and property goals.
	2: Ensure that public access points are appropriate and marked	1: Inspections are completed and deficiencies /risks are addressed	1: Balance between public use and habitat protection is maintained. 2: Public continues to enjoy a safe environment for wildlife viewing and interpretation

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Funding Cycle: 2013-2016

Project Name: Stellako River Wildlife Management Area

Region: Omineca

PROJECT INFORMATION

1. Name of Property/ Complex:

CLD Reference: Stellako River (ACQ) – 89 hectares (1982) (maybe some overlap with the TAC property)
 Stellako River (LEA 1) – 24 hectares (1980)
 Stellako River (LEA 2) – 20 hectares (1982)
 Stellako River (TAC) – 408 hectares (1982)

2. Habitat Description / Values:

The Stellako River Wildlife Management Area is approximately 500 hectares and was designated in 2011. It is made up of an acquisition parcel, two lease parcels and a transfer of administration parcel. The area provides a protective riverfront habitat corridor for the Stellako River which is extremely productive for rainbow trout and sockeye salmon. Stellako River is one of the highest quality resident Rainbow Trout fisheries in BC and is a very important spawning area for sockeye salmon.

The Stellako River is unique, due to its very short length (~ 14 km) relative to other rivers in British Columbia, making this rainbow trout population very sensitive to angler over-exploitation and adjacent land uses. To ensure the sustainability of this unique fishery, protective land use measures are important to maintaining ecological linkages, limiting the development of access to the stream, and ensuring that sustainable public access is properly planned.

The Stellako Corridor Reserve Management Plan (1993, MELP) establishes a strategy to protect and enhance the fisheries, wildlife, recreational and aesthetic values associated with the Stellako River. The river supports a world class rainbow trout fishery which requires careful management to ensure it retains its international reputation. The Plan Area also supports a diverse wildlife population, high quality aesthetic values and good recreational opportunities.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

The plan describes the physical features of the area and the historical and present resource and land uses. The plan outlines the prescriptions and policies necessary to maintain and manage the quality of the rainbow trout fishery. Fisheries management will involve monitoring fish stocks, regulating harvest and protecting and enhancing habitat. The plan also identifies opportunities and limitations for development of other resources in the Plan Area. Management options for other resources include: protecting and enhancing wildlife habitat; improving wildlife viewing opportunities; improving opportunities for non-motorized recreation; and monitoring or controlling development of other land uses, such as forestry and agriculture, so development does not compromise plan goals. The plan also recognizes the need to involve local First Nations and public interests.

The intent of the Plan was to be in place for a five year period, however, it has not been up-dated or replaced and continues to provide good management direction.

3. Guiding Documents:

- *TNT/Province Lease Agreement, 1980*
- *Stellako Corridor Reserve Management Plan 1993 (by MELP)*
- *TNT/Province Management Agreement 2011*
- *B.C. Reg. 226/2011 – Wildlife Act – Wildlife Management Area (Stellako River) Regulation*

4. Financial Sustainability:

These Nature Trust holdings will be managed in conjunction with the surrounding Stellako River WMA, recently established. This coordinated conservation effort will assist with efficiency and cost effectiveness of land management activities.

5. Partner Recognition:

Property informational signs and promotional materials/press releases will acknowledge all conservation partners.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns and produce work plan	1: Annual property inspection completed and work plan generated	1: Maintained or enhanced habitat integrity.
	2: Manage invasive plants	1: Decreased occurrence of invasive plants	1: Decreased prevalence of invasive species.
Goal 2: Maintain Public safety	1: Ensure that informational signage is maintained	1: Signs maintained	1: Public is informed of habitat values and property goals.
	2: Ensure that public access facilities are maintained and appropriate	1: Facilities are maintained for public use	1: Balance between public use and habitat protection is maintained.
	3: Ensure built facilities on property are inspected annually and maintained	1: inspections are completed and deficiencies /risks are addressed	1: Public continues to enjoy a safe environment for wildlife viewing and interpretation

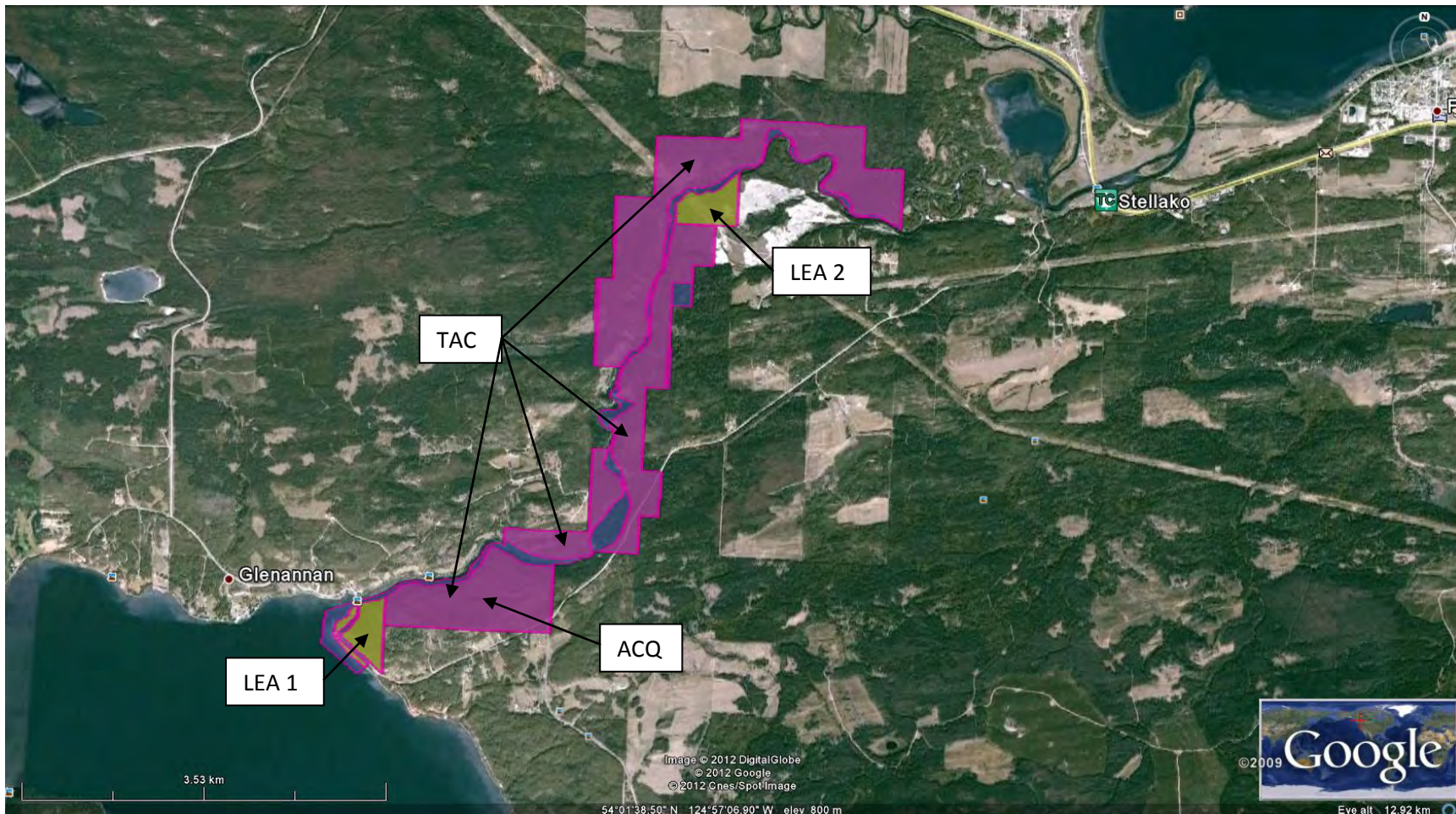


Project File #: _____

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Stellako River Wildlife Management Area

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN



NORTHEAST



Northeast Region: Index of Property Plans

Boundary Lake

Cecil Lake

Comstock Marsh

Doig Wetland Complex

Dunlevy Creek

Fort St. John Potholes

La Garde

McQueen Slough

Whispering Pines

Worth Marsh

Peace Aerial Survey (various sites)



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: Boundary Lake Conservation Area

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Boundary Lake Conservation Area**
- b. *CLD Reference:* Boundary Lake (LEA 1)
Boundary Lake (LEA 2) -- Bahm

2. Habitat Description / Values:

Boundary Lake is a 532.16 hectare wetland conservation area in the Peace River Parkland area. Recognized as one of the two most important waterfowl production and staging areas in the region by government and Ducks Unlimited (the other being McQueen Slough), the wetlands at Boundary Lake support large populations of nesting waterfowl and are used heavily in spring and fall migration.

3. Guiding Documents:

TNT/Province Lease Agreement, 1991
Memorandum of Understanding regarding Peace Region – TNT & DUC, 2002
TNT/Province Management Agreement 2011

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property, with a full-time conservation land manager in the region, reducing monitoring and project oversight costs to other partners.

5. Partner Recognition:

Property informational signs acknowledge all conservation partners.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns	S-T Indic 1: Annual property inspection completed	L-T Indic 1:
	2: Manage Invasive Species	S-T Indic 1: Decreased occurrence of invasive species	L-T Indic 1: Decreased prevalence of invasive species
	3: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region
	4: Maintain optimal water levels for habitat	S-T Indic 1: Water control structures maintained	L-T Indic 1: Water levels maintained for habitat needs at this and adjacent wetlands
	5: Develop new land management initiatives	S-T Indic 1: Review of land licences, boundaries and neighbouring acquisitions S-T Indic 2: Collaboration with property owners, TNT, DU	L-T Indic 1: Determine long term land management objectives by working collaboratively with all interested working groups.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

		and Alberta land management objectives	
Goal 2: Public Safety	1: Ensure that informational signage is maintained	S-T Indic 1: Signs maintained	L-T Indic 1: Public is informed of habitat values and property goals
	2: Ensure that public access facilities are maintained and appropriate	S-T Indic 1: Facilities are maintained for public use	L-T Indic 1: Balance between public use and habitat protection is maintained
	3: Ensure built facilities on property are inspected annually	1 S-T Indic 1: Inspections are completed and deficiencies / risks are addressed	L-T Indic 1: Public continues to enjoy safe environment for wildlife viewing and interpretation



Alberta Border

Boundary Lake

January 21, 2013

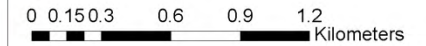
Overview Map

Legend

- Crown Aquisitions
- Private Land (Surface)
- Crown Land (Surface)



Scale: 1:8,000



Projection/Datum: BC AlbersNAD83
Date Created: January 21, 2013
Created by: Melanie Wilson FLNRO
File Path: w:\sp\fig\work\alberta\BRO\BNAESP\NSP_WHA_Drafting\Polygons_2013\Jan13
Plot File Name: Overview Map Doc Jan 21 2013.pdf

Regional Overview Map

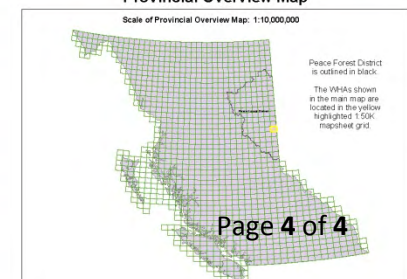
Scale of Regional Overview Map: 1:200,000

The polygon shown in the main map is located in the yellow highlighted 1:50K mapsheet grid.



Provincial Overview Map

Scale of Provincial Overview Map: 1:10,000,000



Peace Forest District is outlined in black.
The WHAs shown in the main map are located in the yellow highlighted 1:50K mapsheet grid.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: Cecil Lake

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Cecil Lake**
- b. *CLD Reference:* Cecil Lake (MR)

2. Habitat Description / Values:

Cecil Lake is approximately 45 km east of the city of Fort St. John. The reserve encompasses 910 ha surrounding the entire lake. The lake itself is under the protection and management of Ducks Unlimited, while the reserve protects shoreline and upland habitat. The reserve includes the fringes of the lake that are very wet, lacking a defined shoreline. Access to the lake is by permission of the landowner; no public roads lead to the lake. There is considerable agricultural activity surrounding the lake, activity is conducted right up to the shoreline. Cecil Lake is one of only a few large bodies of water that exist within the Peace Lowlands and has value in itself. The lake also has value for what it provides for wildlife, including stopover, feeding and nesting sites for waterfowl and shorebirds and is considered to be class one waterfowl habitat. The associated riparian and upland habitat is important for deer, moose and small mammals during all seasons.

3. Guiding Documents:

Wildlife habitat connectivity and conservation of Peace River lowlands 2002
Cecil Lake Reserve Management Direction Statement 2003

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property in conjunction with the Ministry of Forests Lands and Natural Resource Operations. Currently there is no land management direction.

5. Partner Recognition:

There is currently no signage at this time.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

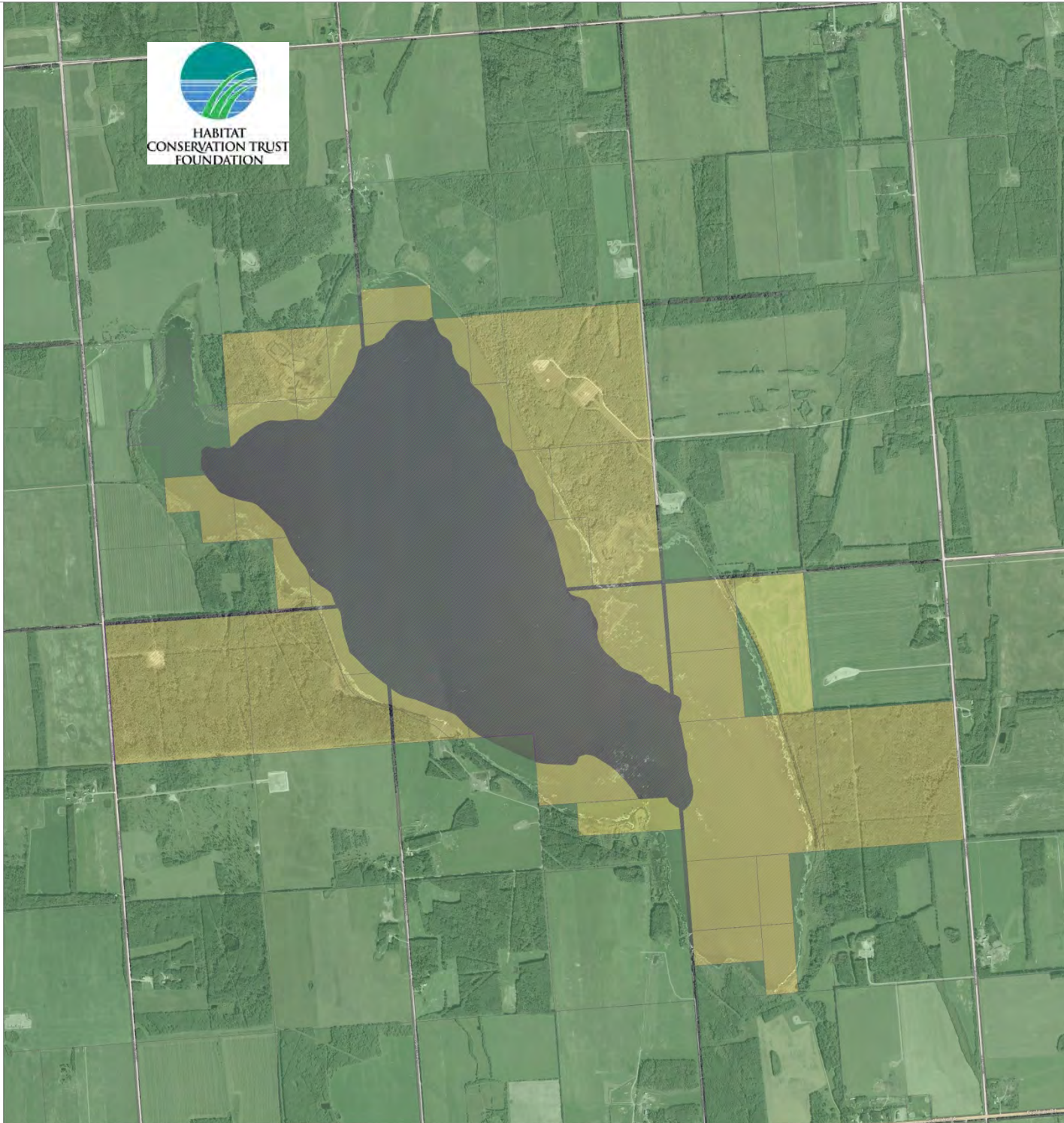
Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Determine Land Management Direction and Objectives	S-T Indic 1: Review of current land leases, boundaries and private land S-T Indic 2: Develop Land Management Objectives	L-T Indic 1: Maintain biodiversity and habitat. Assess applicability and effect of management plan, revise as required
	2: Determine appropriate boundaries and asses potential for management beyond lake	S-T Indic 1: Wetland Inventory and mapping	L-T Indic 1:
	3: Ensure a thorough baseline of information is recorded and collected regarding habitat values and species populations / utilization in cooperation with Ducks Unlimited Canada and local landowners	S-T Indic 1: Evaluation and/or update of priority baseline studies	L-T Indic 1: Continued monitoring
	4: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

<p>Goal 2: To foster on-going relationships for the betterment of the conservation area complex and to bring additional resources to assist with the management initiatives</p>	<p>1: Identify local landowners and Continue to work cooperatively with Ducks Unlimited Canada, and involve community members, First Nations and industry in future stewardship options</p>	<p>S-T Indic 1: All interest groups and stakeholders represented S-T Indic 2: Further engagement of various user groups results in greater collaboration and sharing of resources S-T Indic 3: New management plan developed in cooperation with all interest groups</p>	<p>L-T Indic 1: Continued cooperation between all interest groups L-T Indic 2: Completion of studies relating to wildlife populations and habitat conditions.</p>



Cecil Lake

January 21, 2013

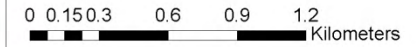
Overview Map

Legend

- Private Land (Surface)
- Crown Land (Surface)
- Cecil Lake Map Reserve



Scale: 1:8,000



Projection/Datum: BC Albers/NAD83
 Date Created: January 21, 2013
 Created by: Melanie Wilson, E.N.R.O.
 File Path: w:\map\to\workspace\mws\m\B\F\OSB\NE\PE\SP_W\H\ Drafting Polygons_2013Jan12
 Plot File Name: Overview Map Dwg Jan 21-2013.pdf

Regional Overview Map

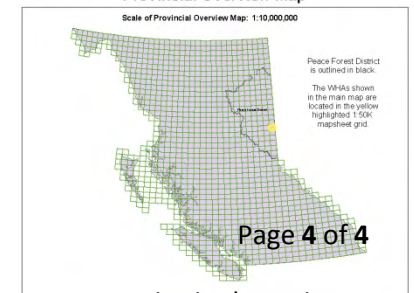
Scale of Regional Overview Map: 1:151,155

The polygon shown in the main map is located in the yellow highlighted 1:50K mapsheet grid.



Provincial Overview Map

Scale of Provincial Overview Map: 1:10,000,000





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name:

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Comstock Marsh Property**
- b. *CLD Reference:* Comstock Marsh (LEA)

2. Habitat Description / Values:

Comstock Marsh is a 28.59 hectare wetland property in the Peace River parklands area. A Class 1 wetland, it was drained in the 1960's. Restoration efforts by the conservation partners have returned the marsh to its former water levels, providing critical habitat for waterfowl.

3. Guiding Documents:

TNT/Province Lease Agreement, 1990
Memorandum of Understanding regarding Peace Region – TNT & DUC, 2002
TNT/Province Management Agreement 2011

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property, with a full-time conservation land manager in the region, reducing monitoring and project oversight costs to other partners.

5. Partner Recognition:

Property informational signs acknowledge all conservation partners.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns	S-T Indic 1: Annual property inspection completed	L-T Indic 1:
	2: Manage Invasive Species	S-T Indic 1: Decreased occurrence of invasive species	L-T Indic 1: Decreased prevalence of invasive species
	3: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region
	4: Maintain optimal water levels for habitat	S-T Indic 1: Water control structures maintained	L-T Indic 1: Water levels maintained for habitat needs at this and adjacent wetlands
Goal 2: Public Safety	1: Ensure that informational signage is maintained	S-T Indic 1: Signs maintained	L-T Indic 1: Public is informed of habitat values and property goals
	2: Ensure that public access facilities	S-T Indic 1: Facilities are	L-T Indic 1: Balance between



Project File #: _____

**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

	are maintained and appropriate	maintained for public use	public use and habitat protection is maintained
	3: Ensure built facilities on property are inspected annually	S-T Indic 1: Inspections are completed and deficiencies / risks are addressed	L-T Indic 1: Public continues to enjoy safe environment for wildlife viewing and interpretation



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: Doig Wetland Complex

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

a. *Complex Name:* **Doig Wetland Complex**

2. Habitat Description / Values:

The Doig Wetland is approximately 180 hectares of shallow permanent wetland complex located in the Doig first Nations K'ih Tsaa? dze traditional tribal lands. This complex is surrounded by gently rolling terrain composed of aspen and conifer forest. There are three shallow pools of water located within the complex connected by a seasonally flooded creek extending far North beyond the complex borders. Clumps of cattail line the creeks and sedge meadow marsh interspersed with dead willow and black spruce / tamarack snags makeup the majority of the complex extending to the aspen/conifer forested upland. Recent surveys this year have documented several breeding species at risk and Ducks Unlimited has recognized this complex as important for waterfowl and other wetland species. The wetland complex and surrounding forested area contain populations of nesting species at risk such as the Sandhill Crane, Olive-sided flycatcher, Cape May Warbler, Nelson's Sparrow, Yellow Rail and American Bittern; and includes other regionally important wildlife such as moose, deer, waterfowl, hawk owls, trumpeter swans, warblers, flickers and wrens.

3. Guiding Documents:

None-This is a new inquiry

4. Financial Sustainability:

There is currently no management at this time.

5. Partner Recognition:

There is currently no signage at this time.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Determine the potential of Land Management Objectives	S-T Indic 1: Develop Land Management Objectives	L-T Indic 1: Maintain biodiversity and habitat
	2: Determine appropriate boundaries	S-T Indic 1: Wetland Inventory and mapping	L-T Indic 1:
Goal 2: Survey the wetland complex to determine ecosystem type and the wildlife populations it supports	1: Ensure a thorough baseline of information is recorded and collected regarding habitat values and species populations / utilization	S-T Indic 1: Priority baseline studies identified and implemented i.e. Species at Risk monitoring with MFLNRO	L-T Indic 1:
Goal 3: Develop relationships / partnerships for the betterment of the conservation area complex with Doig First Nations and Ducks Unlimited Canada.	1: Work effectively with Doig First Nations and involve community members on projects and studies and continue ongoing relationship with ducks Unlimited	S-T Indic 1: All interest groups and stakeholders represented S-T Indic 2: Further engagement of interested working groups results in greater collaboration and	L-T Indic 1: Foster ongoing relationships between working groups L-T Indic 2: Initiation of studies relating to wildlife populations and habitat conditions



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

		sharing S-T Indic 3: Develop management plan in cooperation with all interest groups	
	2: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region



Doig Wetland Complex

January 21, 2013

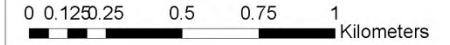
Overview Map

Legend

- Doig Wetland Complex
- Perks and Protected Areas
- River or Stream
- Lakes and Large Rivers
- Road
- Rail Line
- Powerline
- Pipeline



Scale: 1:6,000



Projection/Datum: BC Albers/NA83
Date Created: January 21, 2013
Created by: Melanie Wilson FLNRD
File Path: w:\map\bj\work\albers\wbs\BRO06-NEFPNEP_WHA_Drafting Polygons_2013Jan12
Plot File Name: Overview Map Doig Jan 21 2013.pdf

Regional Overview Map

Scale of Regional Overview Map: 1:200,000
The polygon shown in the main map is located in the yellow highlighted 1:50K mapsheet grid.



Provincial Overview Map

Scale of Provincial Overview Map: 1:10,000,000





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name:

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Dunlevy Creek Conservation Area**
- b. *CLD Reference:* Dunlevy Creek (LEA 1) – Williston
Dunlevy Creek (LEA 2) – Williston

2. Habitat Description / Values:

The Dunlevy Creek Conservation Area consists of two individual properties, totaling 828.82 hectares in the Boreal Black and White Spruce subzone at lower elevations, and the Englemann Spruce Subalpine fir subzone at higher elevations. Fallow fields, brushy slopes, aspen shrubland and conifer forest dominate the landscape. Low snow depths and south facing aspects with windswept snow contribute to the high value of this property for ungulate winter range, which is limited in the Williston watershed. Much of the property is rated class 1 and 2 winter range for moose, class 2 winter range for elk and mule deer (with class 3 and 4 areas at higher elevations) and class 3 and 4 winter range for white tailed deer. Stone sheep and golden eagles use the area between June and October, while elk, mule deer and moose winter in the area from November through April. During spring and summer the area is frequented by black bears. The property lies to the east of the Dunlevy Special Management Zone, and to the south of Butler Ridge Provincial Park, which contains critical winter range for caribou. drained in the 1960's. Restoration efforts by the conservation partners have returned the marsh to its former water levels, providing critical habitat for waterfowl.

3. Guiding Documents:

- TNT/Province Lease Agreement, 1992*
- Dunlevy Creek Management Plan, 2002 (for adjacent special Management Zone)*
- Memorandum of Understanding regarding Peace Region – TNT & DUC, 2002*
- Field Report for Dunlevy Properties, 2008*
- TNT/Province Management Agreement 2011*



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property, with a full-time conservation land manager in the region, reducing monitoring and project oversight costs to other partners. The property also lies adjacent to Provincial conservation holdings, with which management activities can be coordinated for efficiency.

5. Partner Recognition:

Informational signage on the property entrance acknowledges conservation partners.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns	S-T Indic 1: Annual property inspection completed	L-T Indic 1:
	2: Manage forest ingrowth where opportunity arises	S-T Indic 1: Maintained ungulate forage	L-T Indic 1: Continued usage by ungulates
	3: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region
Goal 2: Public Safety	1: Ensure that informational signage is maintained	S-T Indic 1: Signs maintained	L-T Indic 1: Public is informed of habitat values and property goals
	2: Ensure that any fences are maintained or removed	S-T Indic 1: Fences maintained	L-T Indic 1: Balance between public use and habitat protection is maintained
	3: Ensure built facilities on property are	S-T Indic 1: Inspections are	L-T Indic 1: Public continues to



Project File #: _____

**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

	inspected annually	completed and deficiencies / risks are addressed	enjoy safe environment for wildlife viewing and interpretation
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Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name:

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Fort St. John Potholes Property**
- b. *CLD Reference:* Fort St. John Potholes (LEA)

2. Habitat Description / Values:

The Fort St. John Potholes, also known as "Huhn's Slough", is a 64.75 hectare property in the Peace River parklands area. The property is a key water control point in managing a chain of potholes in the immediate vicinity. Management of this holding prevents adjacent sloughs from being drained.

3. Guiding Documents:

- TNT/Province Lease Agreement, 1984*
- Fort St. John Potholes – Huhn's Slough Project Plan, 1984*
- Huhn's Slough Management Plan, 2001*
- Memorandum of Understanding regarding Peace Region – TNT & DUC, 2002*
- TNT/Province Management Agreement 2011*

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property, with a full-time conservation land manager in the region, reducing monitoring and project oversight costs to other partners.

5. Partner Recognition:

A large informational sign at the property entrance contains logos of all partners, including the Province and HCTF. Any public educational programs on site include acknowledgement of conservation partners.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Annually inspect property for concerns	S-T Indic 1: Annual property inspection completed	L-T Indic 1:
	2: Manage Invasive Species	S-T Indic 1: Decreased occurrence of invasive species	L-T Indic 1: Decreased prevalence of invasive species
	3: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region
	4: Maintain optimal water levels for habitat	S-T Indic 1: Water control structures maintained	L-T Indic 1: Water levels maintained for habitat needs at this and adjacent wetlands
Goal 2: Public Safety	1: Ensure that informational signage is maintained	S-T Indic 1: Signs maintained	L-T Indic 1: Public is informed of habitat values and property goals
	2: Ensure that public access facilities	S-T Indic 1: Facilities are	L-T Indic 1: Balance between



Project File #: _____

**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

	are maintained and appropriate	maintained for public use	public use and habitat protection is maintained
	3: Ensure built facilities on property are inspected annually	S-T Indic 1: Inspections are completed and deficiencies / risks are addressed	L-T Indic 1: Public continues to enjoy safe environment for wildlife viewing and interpretation



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: La Garde

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **La Garde**
- b. *CLD Reference:* La Garde (TA)

2. Habitat Description / Values:

La Garde Lake is approximately ___ km northeast of the city of Fort St. John. The reserve encompasses 265 ha of wetland complex. The complex is situated in the Boreal White and Black Spruce biogeoclimatic zone and was developed for the purpose of providing waterfowl habitat. The lake also has value for what it provides for wildlife, including stopover, feeding and nesting sites for waterfowl and shorebirds where the associated riparian and upland habitat is important for deer, moose and small mammals during all seasons.

3. Guiding Documents:

None

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property in conjunction with the Ministry of Forests Lands and Natural Resource Operations. Currently there is no land management direction.

5. Partner Recognition:

There is currently no signage at this time.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Determine Land Management Direction and Objectives	S-T Indic 1: Review of current land leases, boundaries and private land S-T Indic 2: Develop Land Management Objectives	L-T Indic 1: Maintain biodiversity and habitat. Assess applicability and effect of management plan, revise as required
	2: Determine appropriate boundaries and neighbouring land titles	S-T Indic 1: Wetland Inventory and mapping	L-T Indic 1:
	3: Ensure a thorough baseline of information is recorded and collected regarding habitat values and species populations / utilization in cooperation with Ducks Unlimited Canada	S-T Indic 1: Priority baseline studies identified and implemented	L-T Indic 1: Continued monitoring



Cecil Lake

January 21, 2013

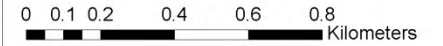
Overview Map

Legend

- Private Land (Surface)
- Crown Land (Surface)



Scale: 1:5,000



Projection/Datum: BC Albers/NA83
 Date Created: January 21, 2013
 Created by: Melanie Wilson FLNRD
 File Path: w:\hsp\h\workspaces\mewilson\BIRDS\B-NESP\NEP_WHA_Drafting Polygons_2013\Jan12
 Plot File Name: Overview Map Dwg Jan 21-2013.pdf

Regional Overview Map

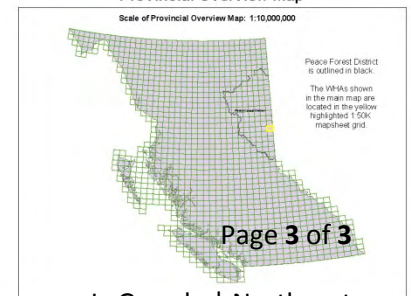
Scale of Regional Overview Map: 1:151,155

The polygon shown in the main map is located in the yellow highlighted 1:50K mapsheet grid.



Provincial Overview Map

Scale of Provincial Overview Map: 1:10,000,000





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name:

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **McQueen Slough Conservation Area**
- b. *CLD Reference:* McQueen Slough (LEA 1)
McQueen Slough (LEA 2)

2. Habitat Description / Values:

McQueen Slough is highly productive Class 1 waterfowl habitat, and the only major body of water in the Dawson Creek area that supports waterfowl and other birdlife. It is a major feeding and resting area for migratory birds. Both Whistler and Trumpeter Swans visit the slough on migration, as do several subspecies of Canada Geese. In addition, Snow Geese and White fronted Geese have been observed in the marsh with four species known to nest locally. As many as 17 species of ducks utilize these wetlands, and their adjacent uplands have a wide variety of other wildlife species including; fur bearers, marsh-associated song birds, several species of birds of prey, a diversity of shore birds, at least three species of grouse, and a stable population of deer. McQueen Slough is one of the two most important waterfowl production and staging areas remaining in the Peace River Parkland. As increasing agricultural and industrial pressures further encroach on this wetland, existing values will be endangered. Enhancements include control of water level, as well as provision of loafing, territorial sites and corridors for brood movement.

3. Guiding Documents:

TNT/Province Lease Agreement, 1987
Wildlife Enhancement and Public Access Management Plan for McQueen Slough, 1989
Memorandum of Understanding regarding Peace Region – TNT & DUC, 2002
TNT/Province Management Agreement 2011

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property, with a full-time conservation land manager in the region, reducing monitoring and project oversight costs to other partners.



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

5. Partner Recognition:

A large informational sign at the property entrance contains logos of all partners, including the Province and HCTF. Educational programs on site, particularly with school children, are a regular occurrence. During these educational sessions, conservation partners are acknowledged.



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Maintain protective perimeter fencing	S-T Indic 1: Perimeter fencing maintained	L-T Indic 1: No unauthorized property access
	2: Annually inspect property for concerns	S-T Indic 1: Annual property inspection completed	L-T Indic 1:
	3: Manage Invasive Species	S-T Indic 1: Decreased occurrence of invasive species	L-T Indic 1: Decreased prevalence of invasive species
	4: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region
	5: Maintain optimal water levels for habitat	S-T Indic 1: Water control structures maintained	L-T Indic 1: Water levels maintained for habitat needs at this and adjacent wetlands
	6: Enhance property values for cavity-nesting birds	S-T Indic 1: Installation and maintenance of nest boxes	L-T Indic 1: Maintained or enhanced use of property by



**Wildlife Operations & Management
PART 1. PROPERTY / COMPLEX PLAN**

			cavity-nesting birds
Goal 2: Provide opportunities for compatible wildlife-oriented recreation and interpretation	1: Ensure that informational signage is maintained	S-T Indic 1: Signs maintained	L-T Indic 1: Public is informed of habitat values and property goals
	2: Ensure that public access facilities are maintained and appropriate	S-T Indic 1: Facilities are maintained for public use	L-T Indic 1: Balance between public use and habitat protection is maintained
Goal 3: Public Safety	1: Ensure built facilities on property are inspected annually	S-T Indic 1: Inspections are completed and deficiencies / risks are addressed	L-T Indic 1: Public continues to enjoy safe environment for wildlife viewing and interpretation



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: Aerial surveying of Peace Region property/complexes

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:*
- b. *CLD Reference:*

2. Habitat Description / Values:

The Peace Region is unique in that it has many long time established conservation lands in the form of Map Reserves, Notations of Interest and Designated Use Areas and lacks what most other Regions have in the form of leases, acquisitions and land transfers. Many of the conservation lands in the Peace have not been visited or reassessed since their designation to determine if the original land management objectives have been successful or are in need of updating. Much development in the form of agriculture, forest harvesting and oil and gas development has been allowed to take place in these areas, therefore there is a need to determine if the overall integrity and effectiveness of the land management objectives these designations were first established for have been compromised.

We propose to conduct aerial and on the ground surveys of several areas of interest in the Peace region and determine the amount of disturbance on the landscape, whether or not land management objectives were put in to practice for these areas, if they were effective and if they are in need of updating. In addition many of these areas may need to have new habitat flora and fauna surveys conducted to update their current wildlife status and on the ground surveying of these areas will determine if this is necessary.

3. Guiding Documents:

None

4. Financial Sustainability:

None

5. Partner Recognition:

None



Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

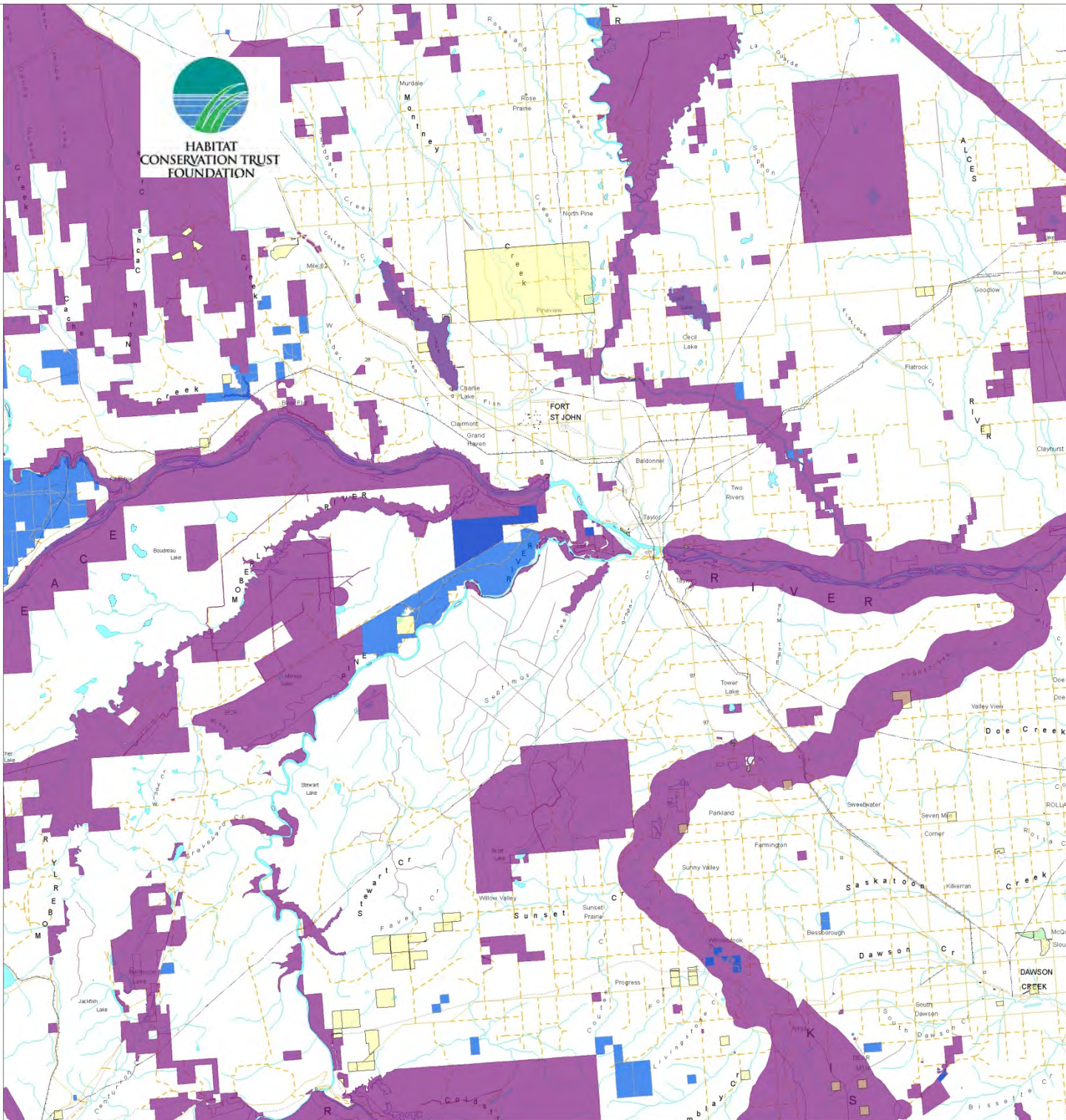
6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Preserve, enhance, and maintain habitat for wildlife and plant diversity	1: Complete survey /review of the current state of conservation land designations throughout the Peace Region	S-T Indic 1: Aerial Survey of property complexes S-T Indic 2: Quantify amount and type of land base disturbances	L-T Indic 1: Maintain biodiversity and habitat features through assessments and review of the effectiveness of current management plans, revise /update as required
	2: Revaluation of current land objectives and assessment of the effectiveness of current land management initiatives	S-T Indic 1: Update land management objectives	L-T Indic 1: Maintain biodiversity and habitat features



HABITAT
CONSERVATION TRUST
FOUNDATION



Peace Aerial Survey

January 21, 2013

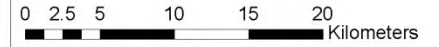
Overview Map

Legend

- Lease Tenures
- Crown Aquisitions
- Reserve and Notation Tenures



Scale: 1:125,000

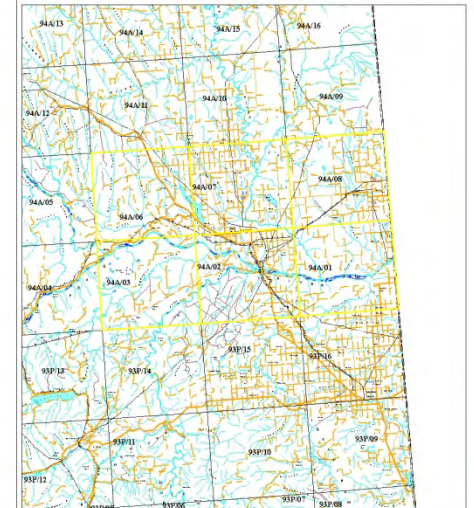


Projection/Datum: BC Albers/NA03
 Date Created: January 21, 2013
 Created by: Melissa Wilson FLNRO
 File Path: w:\map\works\m\w\w\BIRD\SIB-NE\SPWES\SP_WHA_Drafting\Polygons_2013Jan12
 Plot File Name: Overview Map Dog Jan 21-2013.pdf

Regional Overview Map

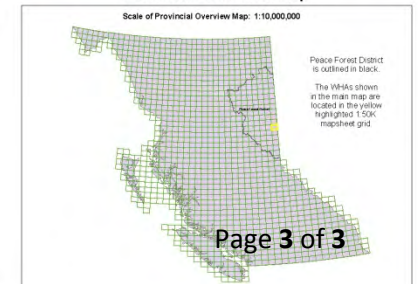
Scale of Regional Overview Map: 1:584,441

The polygon shown in the main map is located in the yellow highlighted 1:50K mapsheet grid.



Provincial Overview Map

Scale of Provincial Overview Map: 1:10,000,000





e #: _____

Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name: Whispering Pine

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Whispering Pine**
- b. *CLD Reference:* Whispering Pine (MR)

2. Habitat Description / Values:

The Whispering Pine reserve is 267.69ha consisting of two parcels of land located near Whispering Pine Lake and Murdale Lake in the northern portion of the Peace Lowlands. It was originally implemented to preserve duck hunting opportunities, although its purpose was later changed to watershed protection. The area provides wildlife habitat and habitat connectivity in a largely privately-owned agricultural landscape. Within the reserve boundaries, half or less than half of the land has been modified for cultivation and infrastructure, with the remaining area still forested (trembling aspen, black and white spruce) or naturally open (muskeg, small lakes). Besides representing the Peace Lowlands ecosection and providing complex habitat, the area provides linkages with nearby wetland complexes and is home to a variety of wildlife including waterfowl, song birds, amphibians and small mammals and there are lots of potential for recreation opportunities.

The surrounding area is typified by large agricultural fields, which can act as a movement barrier. Integrating land management initiatives that involve working with private landowners, including the possibility of land acquisitions and collaborations would be beneficial to the overall integrity of this reserve including a review of subsurface resource plans and possible concerns for conservation with oil and gas development.

3. Guiding Documents:

Wildlife habitat connectivity and conservation of Peace River lowlands 2002

4. Financial Sustainability:

Unalienated and unencumbered Crown Land under the management of the ministry of Forests Lands and Natural Resource Operations. Currently there is no land management direction.



e #: _____

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5. Partner Recognition:

There is currently no signage at this time.



e #: _____

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6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

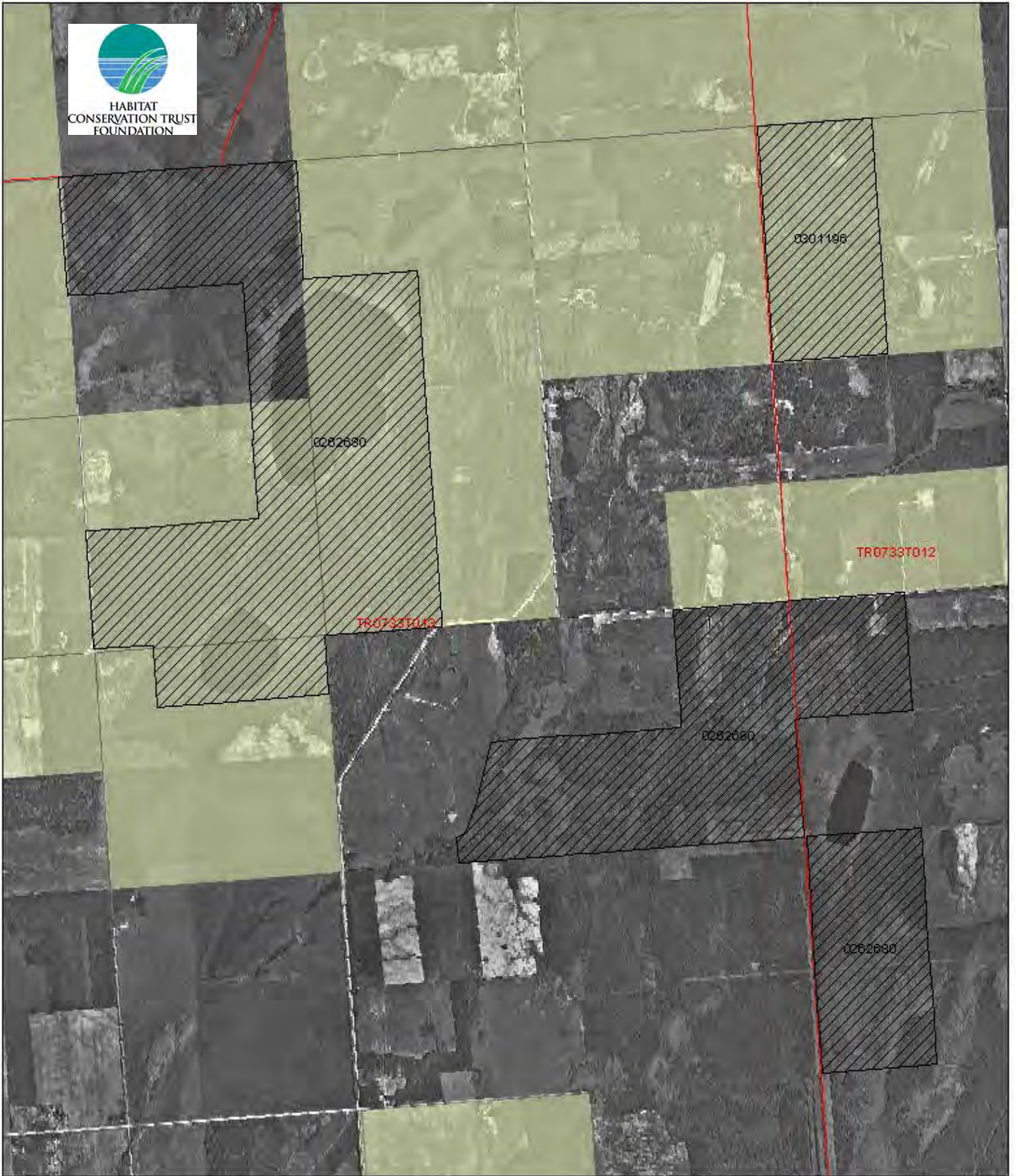
Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Provide, enhance, and maintain habitat for wildlife and plant diversity	1: Determine new Land Management Objectives	S-T Indic 1: Develop Land Management Objectives	L-T Indic 1: Maintain biodiversity and habitat
	2: Determine appropriate boundaries	S-T Indic 1: Wetland Inventory and mapping	L-T Indic 1:
	3: Ensure a thorough baseline of information is recorded and collected regarding habitat values and species populations / utilization	S-T Indic 1: Priority baseline studies identified and implemented	L-T Indic 1: Long term monitoring
	4: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region
Goal 2: To foster on-going relationships	1: Continue to work cooperatively with local land owners, and involve	S-T Indic 1: All interest groups and stakeholders represented	L-T Indic 1: Continued cooperation between






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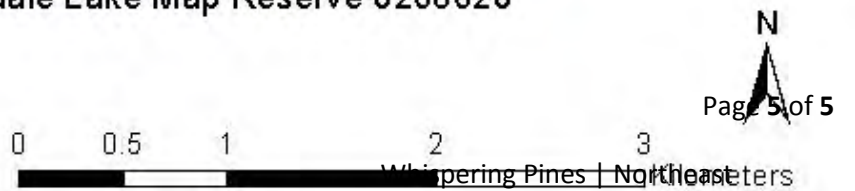
**Wildlife Operations & Management
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<p>for the betterment of the conservation area complex and to bring additional resources to assist with the management initiatives</p>	<p>community members, recreational groups and educational institutions in future restoration projects and studies</p>	<p>S-T Indic 2: Further engagement of various user groups results in greater collaboration and sharing of resources S-T Indic 3: New management plan developed in cooperation with stakeholders</p>	<p>recreational user groups and land management L-T Indic 2: Completion of studies relating to wildlife populations and habitat conditions.</p>
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Whispering Pine/ Murdale Lake Map Reserve 0268620

-  Map Reserve
-  Trapline Areas
-  Petroleum and Natural Gas Lease





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name:

Region: Peace

PROJECT INFORMATION

Please complete the following:

1. Name of Property/ Complex:

- a. *Complex Name:* **Worth Marsh Property**
- b. *CLD Reference:* Worth Marsh (LEA)

2. Habitat Description / Values:

The Worth Marsh Property is a 229 hectare shallow permanent wetland complex located in the Boudreau Lake Complex, in the Peace River Parkland area. The surrounding terrain is gently rolling with a mixture of aspen and conifer forest. A complex of cattail and open water occurs along the north and south sides of the wetland. Sedge clumps and dead willow are spread throughout the perimeter shallows and form an extensive complex at the west end of the basin. Sparse open willow occurs on the moderately gentle shoreline; with intermittent aspen and redosier dogwood shrub extending to the water's edge. Moderately dense aspen and conifer with fair shrub and forb understory cover the uplands. At normal operating level, there are 59 islands ranging from 0.04 to 1.5 ha in size throughout the wetland. Some of the islands are covered with willow shrub; others are covered by aspen with a good understory of rose, soopolallie, red-osier dogwood and forbs. The gentle shoreline of each island has a narrow band of open willow, with cattail and sedge growing in the surrounding shallows. The property contains class 1 moose winter range, and class 2 habitat for waterfowl. Worth Marsh is located on a flyway for migratory birds. It provides habitat for species such as trumpeter swans, Sandhill cranes, American bittern, eared grebes and Nelson's sharp-tailed sparrow, as well a variety of ducks, Canada Geese, beaver, muskrat and mink.

3. Guiding Documents:

- TNT/Province Lease Agreement, 1994*
- Worth Marsh Property Summary, 2008*
- TNT/Province Management Agreement 2011*

4. Financial Sustainability:

Ducks Unlimited Canada is a management partner on the property, with a full-time conservation land manager in the region, reducing monitoring and project oversight costs.



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5. Partner Recognition:

A large informational sign at the property contains logos of all partners, including the Province and HCTF.



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6. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: To preserve and enhance habitat for wildlife.	1: Maintain protective perimeter fencing	S-T Indic 1: Perimeter fencing maintained	L-T Indic 1: No unauthorized property access
	2: Annually inspect property for concerns	S-T Indic 1: Annual property inspection completed	L-T Indic 1:
	3: Manage Invasive Species	S-T Indic 1: Decreased occurrence of invasive species	L-T Indic 1: Decreased prevalence of invasive species
	4: Ensure that subsurface right-holders minimize impacts to conservation values	S-T Indic 1: Subsurface resource plans reviewed for conservation concerns	L-T Indic 1: Improved awareness of conservation concerns by oil and gas industry in region

VICTORIA HQ





Wildlife Operations & Management PART 1. PROPERTY / COMPLEX PLAN

Please complete a separate plan for each property/complex within your region. See "Instructions for Wildlife O & M Part 1" for assistance in completing this form.

Funding Cycle: 2013-2016

Project Name:

1. Region: Victoria (Headquarters)

Conservation Land Management Coordination and Support

PROJECT INFORMATION

Please complete the following:

2. Name of Property/ Complex: All provincial Conservation Lands

3. Habitat Description / Values: All habitats/values within provincial system of Conservation Lands. The intent of the project is to provide specialized conservation land management-related support for regions and partners which is beyond either the expertise or capacity of the Victoria Conservation Lands Specialist to provide without additional resources.

4. Guiding Documents:

- Conservation Lands Program Plan
- Ecosystem Program Business Plan
- Property/Complex Plans prepared by regions for all conservation lands

5. Financial Sustainability: support to strategic partner programs (who provide other funding and in-kind contributions for conservation land securement and management), potential new revenue capture and tracking (from administered conservation lands)

6. Partner Recognition:

Proposed web site materials and/or related communication products to recognize HCTF and other partners, as appropriate.



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7. Goals, Objectives and Performance Indicators

Please use these Goals and Objective numbers in Wildlife O & M Part 2: Application Table.

Conservation & Property Management Goals	Land Management Objectives	Performance Indicators:	
		Short Term	Long Term
Goal 1: Conservation Lands Data Management (attribute, spatial):	1: Complete annual update of Ministry Conservation Lands attribute database (CLD) and related reports	1: review and update completed of CLD database and related database reports (selected site types, regions and/or fields in ~750 site database) 2: number of sites regions and/or fields reviewed and updated	1: accurate, comprehensive and accessible attribute data and related reporting for all conservation lands (all types, all regions, all fields) for Ministry, HCTF and other partner use
	2: Complete annual review and update of spatial Geodatabase (for data warehouse) and ensure reconciliation with Crown land registry (Tantalis)	1: review and update completed of selected spatial boundaries/polygons (many sites include multiple polygons) 2: Number of spatial boundaries/polygons corrected 3: review and reconciliation of data in CLD, GeoDatabase	1: accurate, comprehensive and widely accessible spatial database on prov. CLs maintained for internal, partner/HCTF use and for external use by public, stakeholders, and users.



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		and Tantalus to ensure accuracy and consistency 4: number of attribute and spatial records compared, reviewed and corrected	
Goal 2: Communications and Engagement	1. Review, update and develop web content, templates and tools on conservation lands and land management activities.	1: Updated web content that reflects current conservation lands sites, land planning and management activities, or related tools	1: Improved understanding and consistency among all regional staff on conservation lands planning and management approaches, tools or processes 2: Public, users and stakeholders who are more knowledgeable, aware and/or engaged with conservation lands and their planning, stewardship and management
	2. Site visits/travel, land management workshops or other face-face sessions to address priority land management issues	1. Improved information exchange, networking, buy-in and understanding of critical land management issues 2. More effective guidance developed for all regional staff	1. Enhanced engagement by staff and partners 2. More efficient and effective conservation land management
Goal 3 : Operational Policy/Guidance for Managing Conservation Lands	1: Identify and prioritize critical land management issues requiring operational policy/guidance	1: regions canvassed and information compiled and prioritized on critical land management issues requiring	1: accurate, comprehensive tracking of critical land management issues and related



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		direction	direction
	2: Develop priority operational policy/guidelines for land management	1: operational policy/direction developed on priority issues	1: accurate, comprehensive and accessible operational policy/guidance for more effective and consistent land conservation and management
Goal 4: Compliance and Enforcement (C&E)	1: Identify and prioritize critical compliance and enforcement (C&E) issues	1. up to date tracking and priority list of critical conservation-related C&E issues	1: improved awareness and understanding of most critical compliance issues affecting conservation values
	2: Review, identify and develop guidance for use of available legislation, policy, compliance planning or other tools to address C&E issues with significant potential to impact conservation values	<p>1: completed policy/guidelines and compliance plans for addressing critical conservation-related compliance and enforcement issues (boundary trespass, unauthorized activity, etc.)</p> <p>2: formalized processes and/or or working groups to assist with compliance matters on conservation lands</p> <p>3. more (or more effective use of compliance planning, regulations, orders, and other compliance and enforcement tools</p>	1: improved public awareness and support for conservation lands and reduced impacts to conservation values from non-compliance



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	<p>3: Identify and coordinate preparation of specific WMA-related regulations and orders for multi-region or provincial application</p>	<p>1: more effective and enforceable WMA –related regulations and Regional Manager orders are in place to help protect land values and ensure compliance</p>	<p>1:reduced impacts to conservation values from non-compliance</p>
<p>Goal 5 : Revenue capture and tracking</p>	<p>1: Identify and capture outstanding government revenue (non-Land Act) derived from conservation lands for transfer to HCTF</p>	<p>1::accurate, comprehensive capture of all revenue from conservation lands payable to HCTF</p> <p>2:.additonal revenue available for potential use by HCTF in managing or maintaining conservation land values</p>	<p>1: Enhanced management and sustainability of conservation lands and related land values</p>
<p>Goal 6: Land Management Regional Funding Allocation</p>	<p>1: Review and update regional allocation model for HCTF land management revenue</p>	<p>1: a funding allocation model that better reflects current provincial distribution of conservation lands and related land management pressures/needs</p> <p>2: more efficient, effective and equitable use of available HCTF funding for conservation land management</p>	<p>1: Enhanced management and sustainability of conservation lands and related values</p>