

## CRITERION

- ☒ 1 Contains 4 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal  
Parkland

## Natural Subregion(s):

Dry Mixedwood  
Peace River Parkland

## River Basin(s):

Peace/Slave River

## Area:

26,579.3 hectares  
265.8 km<sup>2</sup>

Density of  
Human Features:

Well 0.05 heads/km<sup>2</sup>  
Road 0.11 km/km<sup>2</sup>  
Pipeline 0.05 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Fish**

Largescale sucker

Northern squawfish

### **Vascular Plants**

Mountain cress

### **Vegetation Communities**

Saskatoon / common bearberry /  
northern rice grass

## MUNICIPALITIES

Birch Hills County

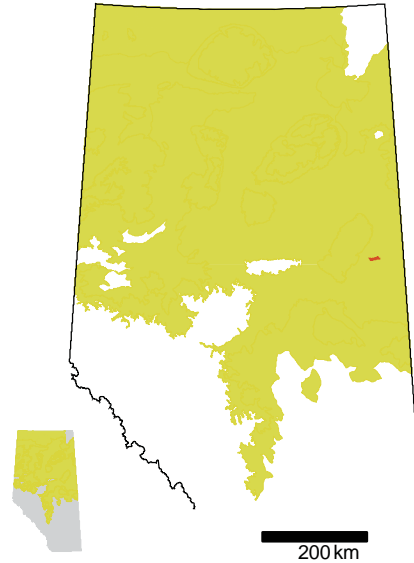
Municipal District of  
Greenview No. 16

Municipal District of  
Smoky River No. 130

County of Grande Prairie No. 1

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
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Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

4,681.2 hectares

46.8 km<sup>2</sup>

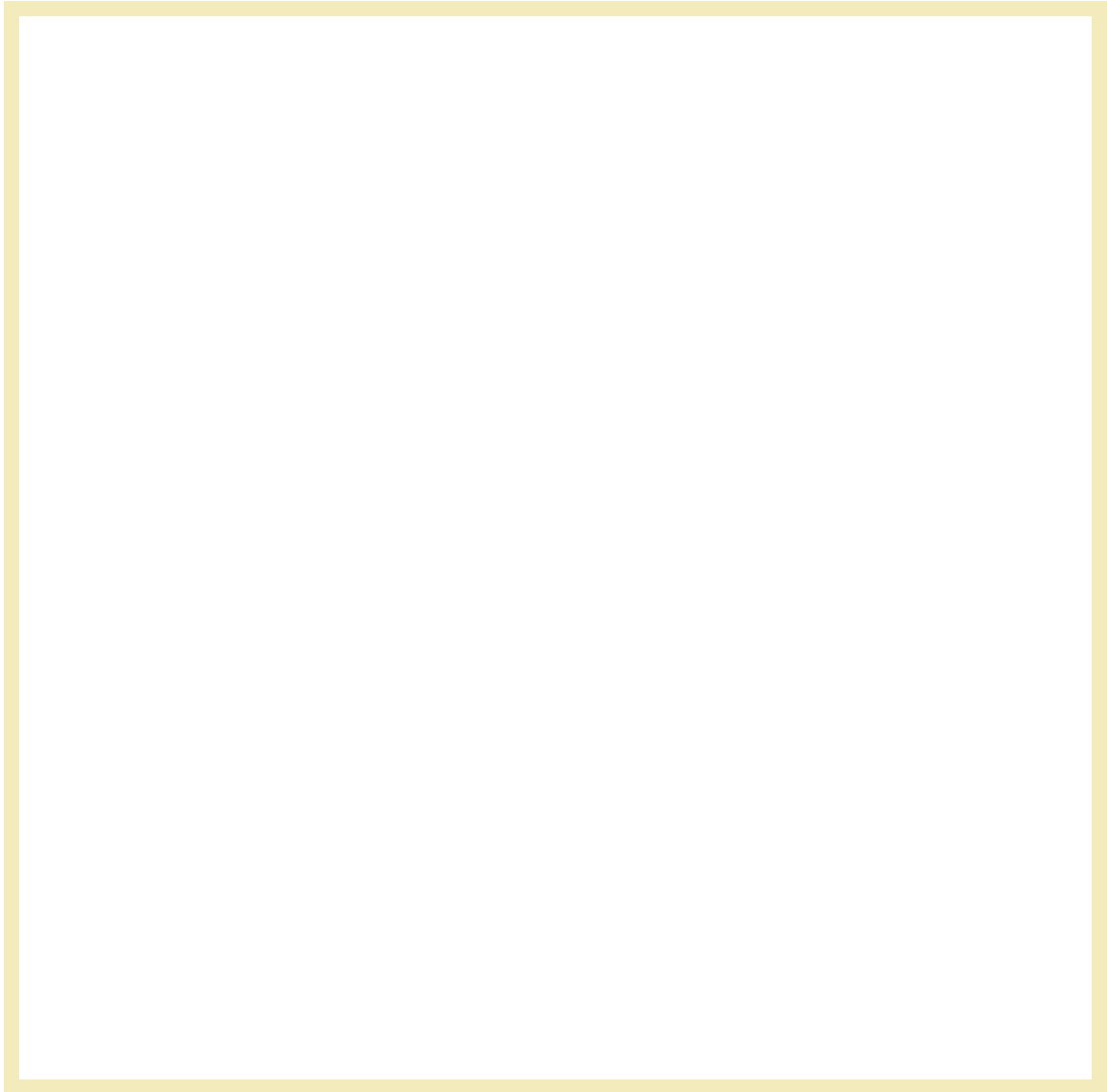
Density of Human Features:

Well 0.38 heads/km<sup>2</sup>

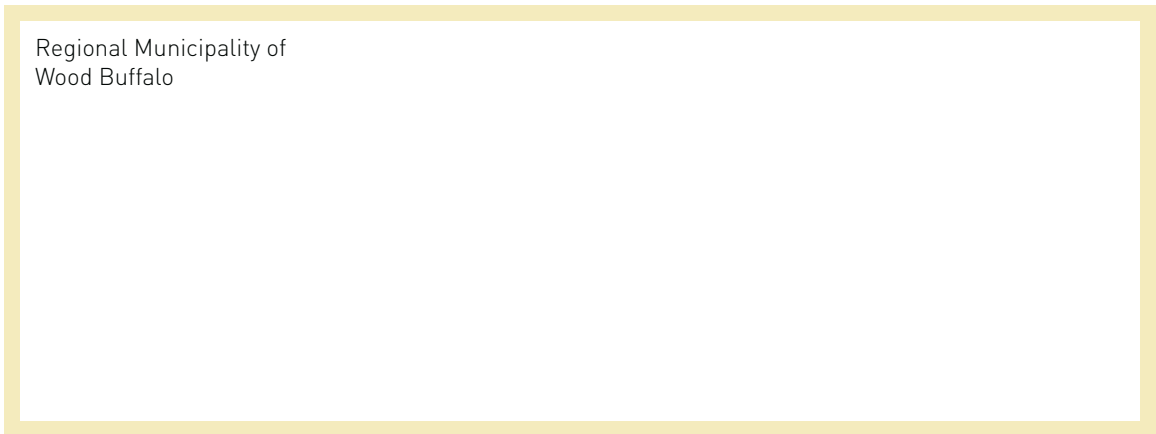
Road 0.19 km/km<sup>2</sup>

Pipeline 0.16 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

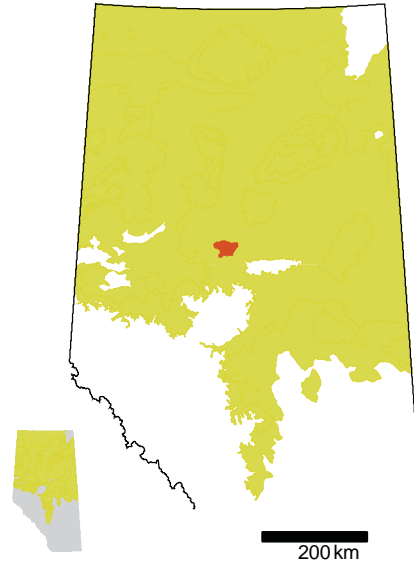


Regional Municipality of  
Wood Buffalo



## CRITERION

- ☒ 1 Contains 3 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☒ 7 Contains sites of recognized significance
  - Utikuma and Utikumasis Lakes
  - Important Bird Area



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

82,940.3 hectares

829.4 km<sup>2</sup>Density of  
Human Features:Well 0.56 heads/km<sup>2</sup>Road 0.50 km/km<sup>2</sup>Pipeline 0.49 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

American white pelican

### **Liverworts**

*Lophozia heterocolpos*

### **Mosses**

*Brachythecium reflexum*

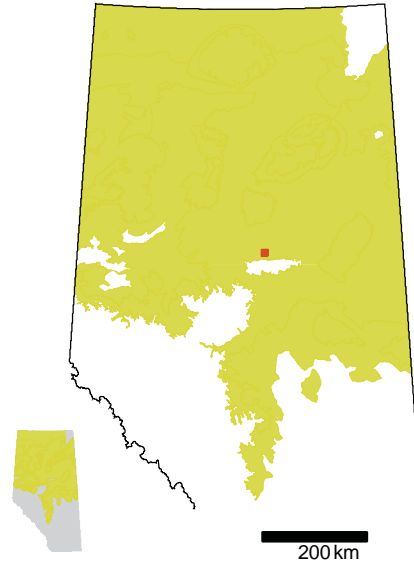
## MUNICIPALITIES

Municipal District of Big Lakes

Northern Sunrise County

CRITERION

- ☒ 1 Contains 3 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
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Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Peace/Slave River

Area:

2,782.5 hectares

27.8 km<sup>2</sup>

Density of Human Features:

Well 0.14 heads/km<sup>2</sup>

Road 0.34 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### Liverworts

*Lophozia heterocolpos*

*Riccardia palmata*

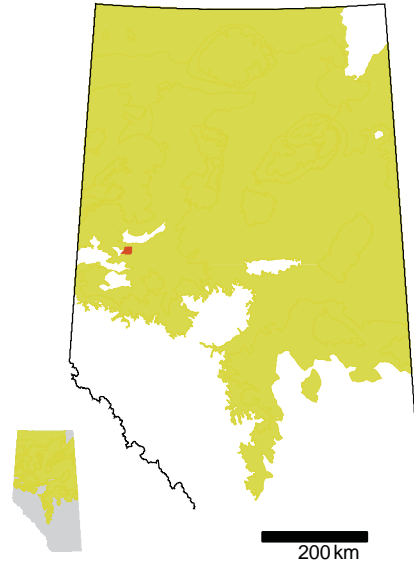
*Scapania paludicola*

## MUNICIPALITIES

Municipal District of  
Opportunity No. 17

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
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Rycroft Area earth slides
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Boreal

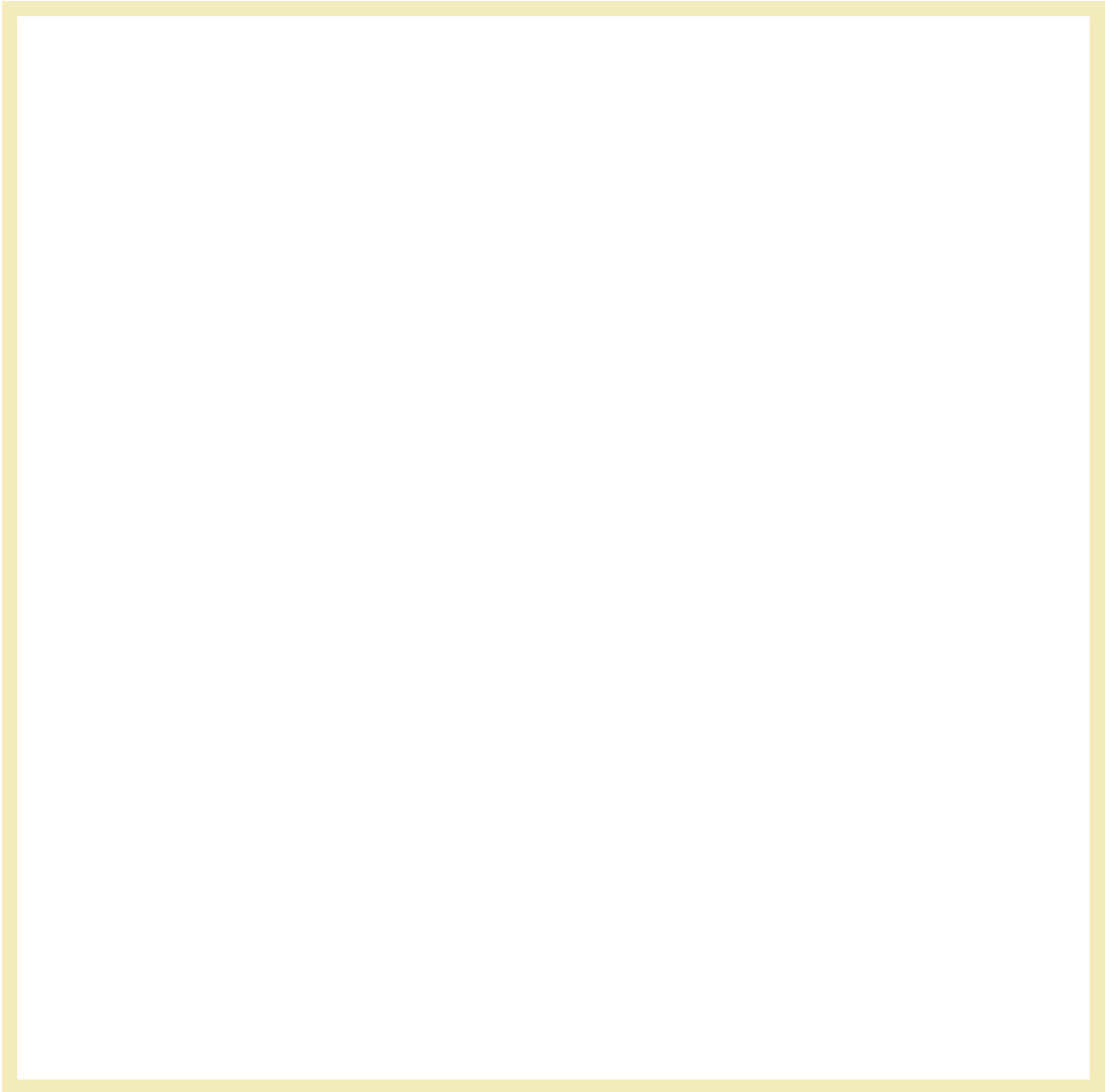
ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Dry Mixedwood	Peace/Slave River

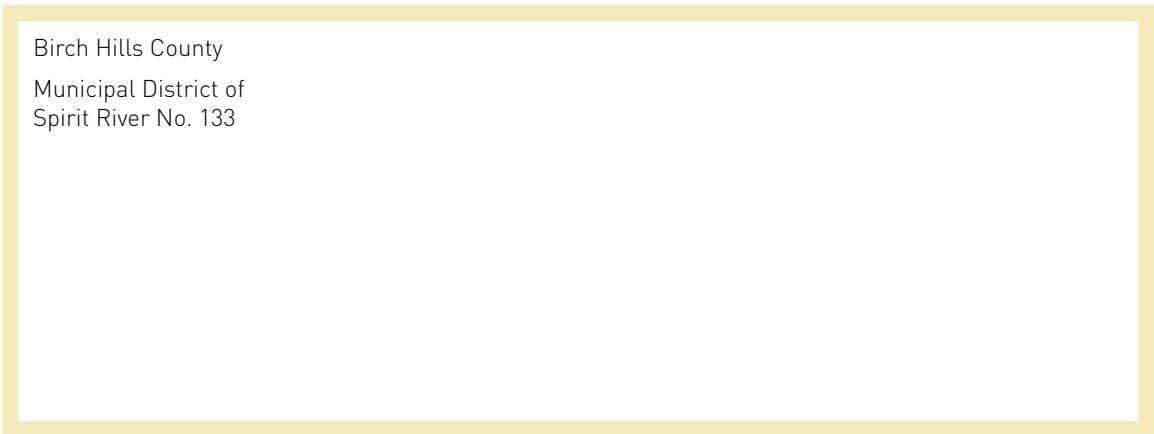
**Area:**  
**1,785.9** hectares  
**17.9** km<sup>2</sup>

**Density of Human Features:**  
 Well **0.11** heads/km<sup>2</sup>  
 Road **0.36** km/km<sup>2</sup>  
 Pipeline **0** km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

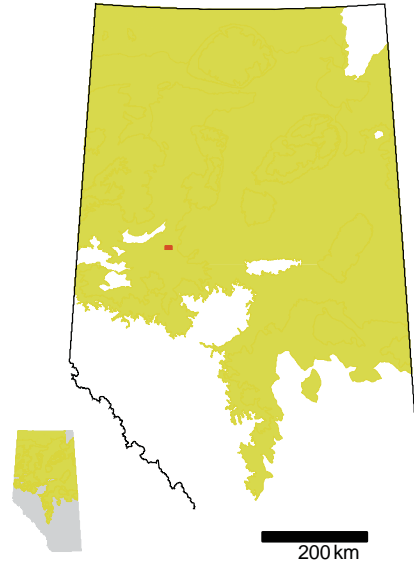


**MUNICIPALITIES**



CRITERION

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Lac Magloire Area moraine, rogen moraine
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Boreal

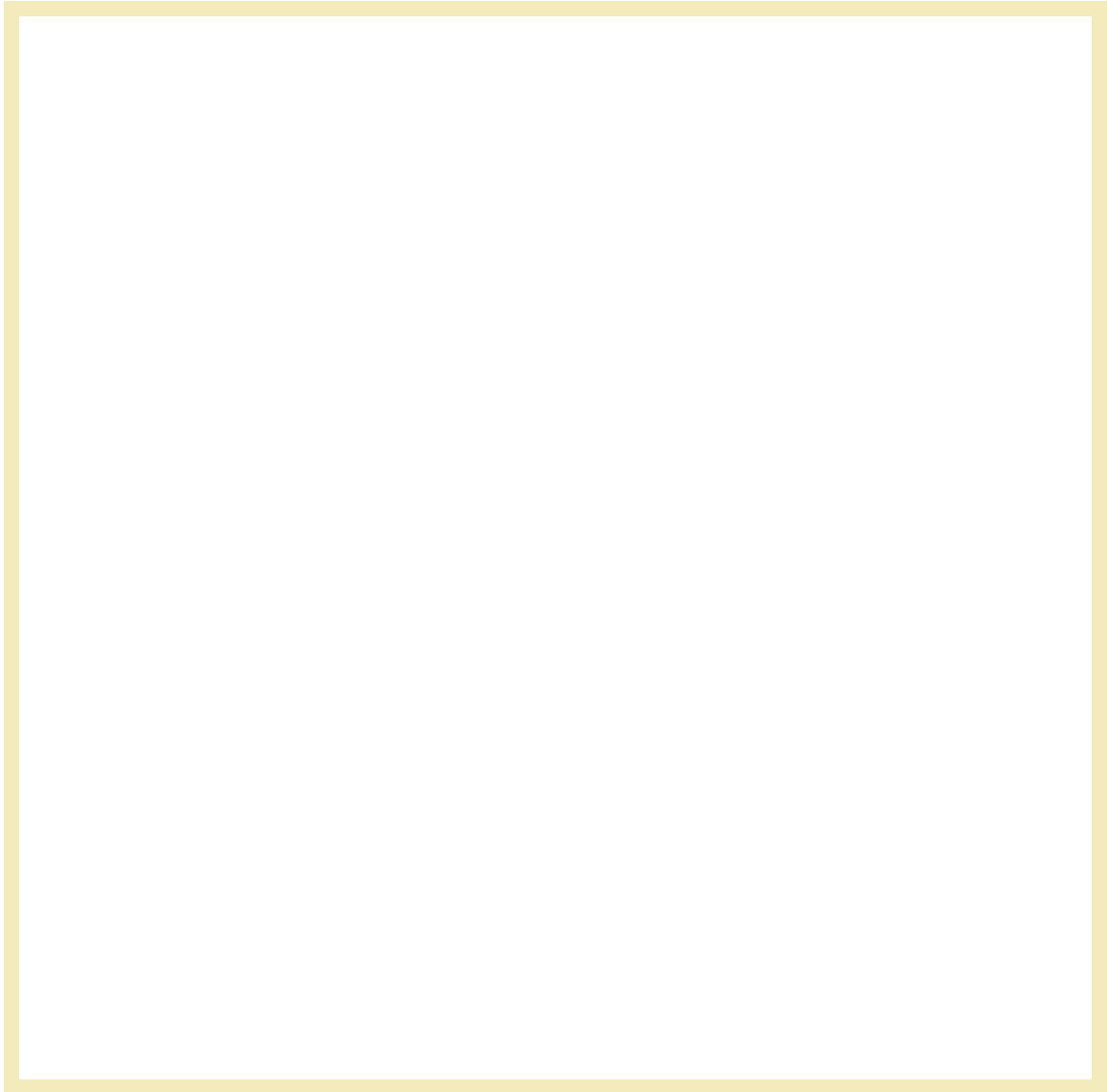
ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Dry Mixedwood	Peace/Slave River

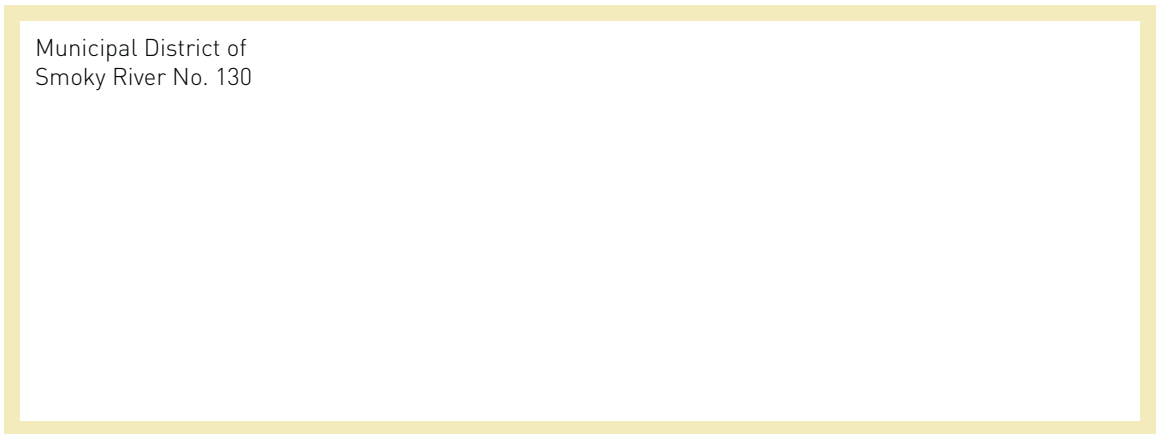
**Area:**  
**66.5** hectares  
**0.7** km<sup>2</sup>

**Density of Human Features:**  
 Well **0** heads/km<sup>2</sup>  
 Road **1.21** km/km<sup>2</sup>  
 Pipeline **0** km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

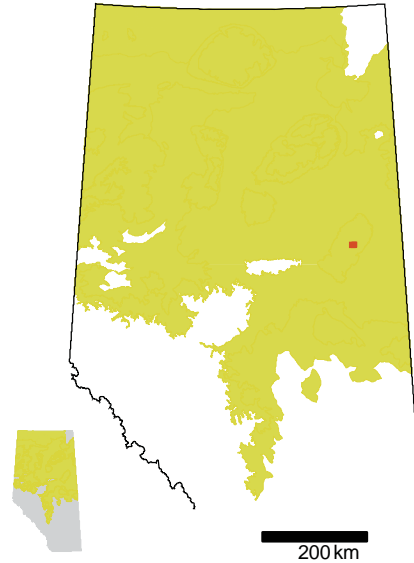


Municipal District of  
Smoky River No. 130



## CRITERION

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- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
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  - ☐ a Contains headwater streams
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands

## River Basin(s):

Athabasca River

## Area:

1,317.1 hectares

13.2 km<sup>2</sup>Density of  
Human Features:Well 0.76 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.28 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

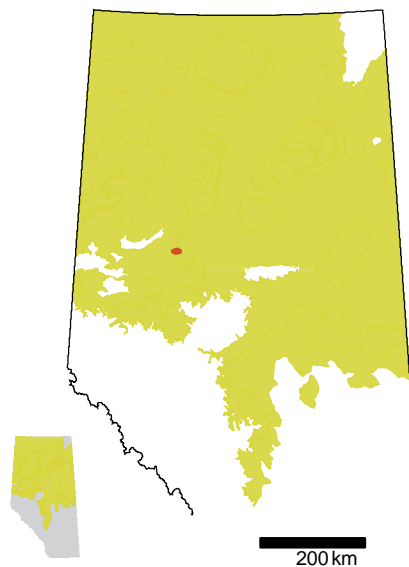
Woodland caribou -  
boreal ecotype

**MUNICIPALITIES**

Lakeland County

## CRITERION

- ☒ 1 Contains 5 element(s) of conservation concern
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- ☒ 6 Contains large natural areas
- ☒ 7 Contains sites of recognized significance
  - Frank Lake north Important Bird Area



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood  
Dry Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

14,053.3 hectares

140.5 km<sup>2</sup>Density of  
Human Features:Well 0.26 heads/km<sup>2</sup>Road 0.30 km/km<sup>2</sup>Pipeline 0.18 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

Trumpeter swan

### **Liverworts**

*Cephalozia bicuspidata*

### **Mosses**

Brown moss

*Drepanocladus crassicosatus*

Flagon-fruited splachnum

## MUNICIPALITIES

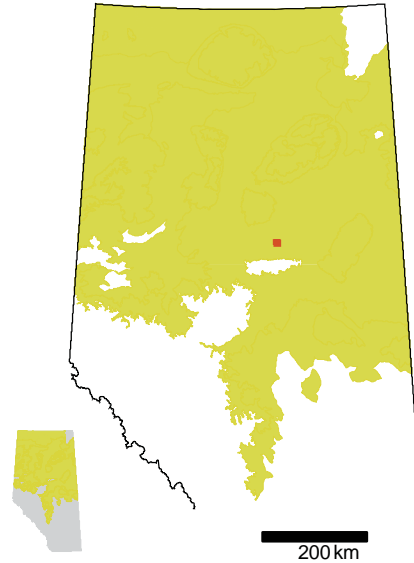
Northern Sunrise County

Municipal District of Big Lakes

Municipal District of  
Smoky River No. 130

CRITERION

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Boreal


ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Central Mixedwood	Peace/Slave River

**Area:**  
**2,234.3** hectares  
**22.3** km<sup>2</sup>


**Density of Human Features:**  
 Well **0.13** heads/km<sup>2</sup>  
 Road **0.73** km/km<sup>2</sup>  
 Pipeline **0.51** km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



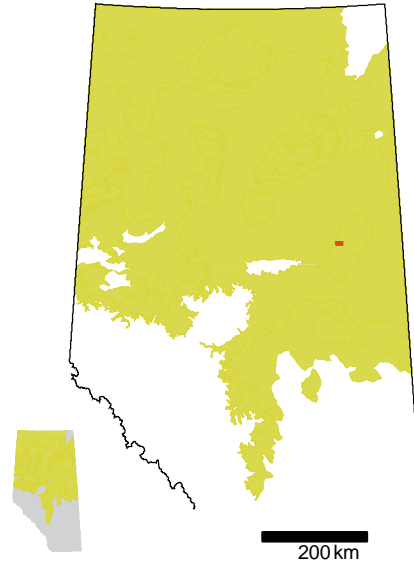
**MUNICIPALITIES**

Municipal District of  
Opportunity No. 17



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Mariana Lake Area wooded bogs with internal lawns, northern plateau bogs
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
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Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Lower Boreal  
Highlands

River Basin(s):

Athabasca River

Area:

66.4 hectares

0.7 km<sup>2</sup>


Density of  
Human Features:

Well 0 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>


Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

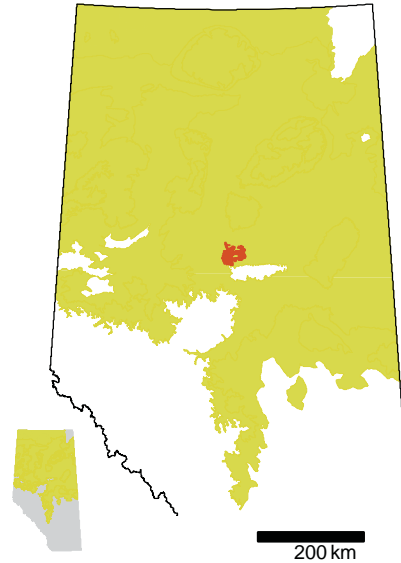
Regional Municipality of  
Wood Buffalo





## CRITERION

- ☒ 1 Contains 2 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
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  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

86,516.8 hectares

865.2 km<sup>2</sup>Density of  
Human Features:Well 0.20 heads/km<sup>2</sup>Road 0.01 km/km<sup>2</sup>Pipeline 0.08 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

American white pelican

Trumpeter swan

### **Mammals**

Woodland caribou -  
boreal ecotype

## MUNICIPALITIES

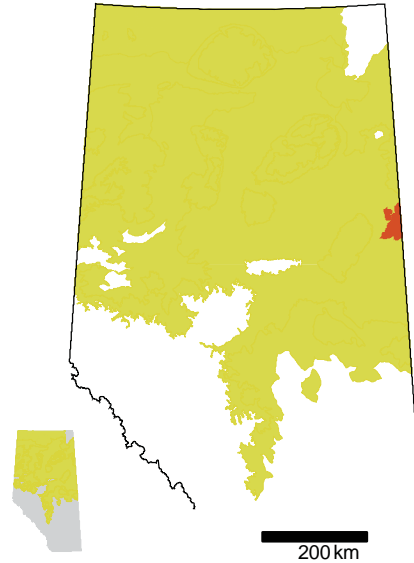
Municipal District of  
Opportunity No. 17

Municipal District of  
Lesser Slave River No. 124

Northern Sunrise County

CRITERION

- ☒ 1 Contains 2 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
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- ☒ 7 Contains sites of recognized significance
  - Gipsy Lake Wildland Provincial Park



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

93,117.9 hectares

931.2 km<sup>2</sup>

Density of Human Features:

Well 0.03 heads/km<sup>2</sup>

Road 0.01 km/km<sup>2</sup>

Pipeline 0.01 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Mammals**

Woodland caribou -  
boreal ecotype

### **Vascular Plants**

Pitcher-plant

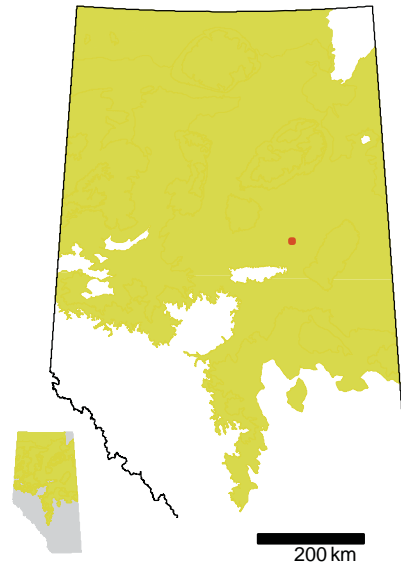
Slender-leaved sundew

## MUNICIPALITIES

Regional Municipality of  
Wood Buffalo

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Muskeg River Area wooded bogs with internal lawns, northern plateau bogs
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
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  - ☐ a Contains headwater streams
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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):


Athabasca River

## Area:

1,835.8 hectares


18.4 km<sup>2</sup>Density of  
Human Features:Well 0.22 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.53 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



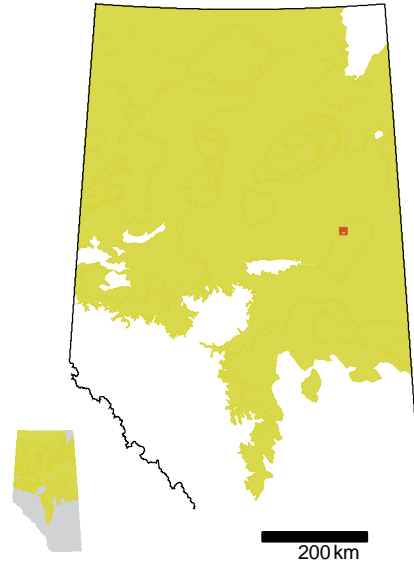
**MUNICIPALITIES**

Municipal District of  
Opportunity No. 17



## CRITERION

- ☒ 1 Contains 5 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands

## River Basin(s):

Athabasca River

## Area:

130.5 hectares

1.3 km<sup>2</sup>Density of  
Human Features:Well 27.58 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.62 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Liverworts**

*Lophozia rutheana*

*Scapania paludicola*

### **Mosses**

*Bryum cyclophyllum*

*Pseudobryum cinclidioides*

*Rhizomnium magnifolium*

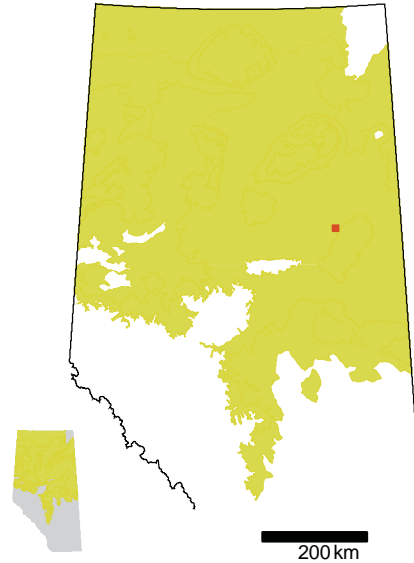
## MUNICIPALITIES

Regional Municipality of  
Wood Buffalo



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Algar Lake wooded bogs with internal lawns, flat bogs
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

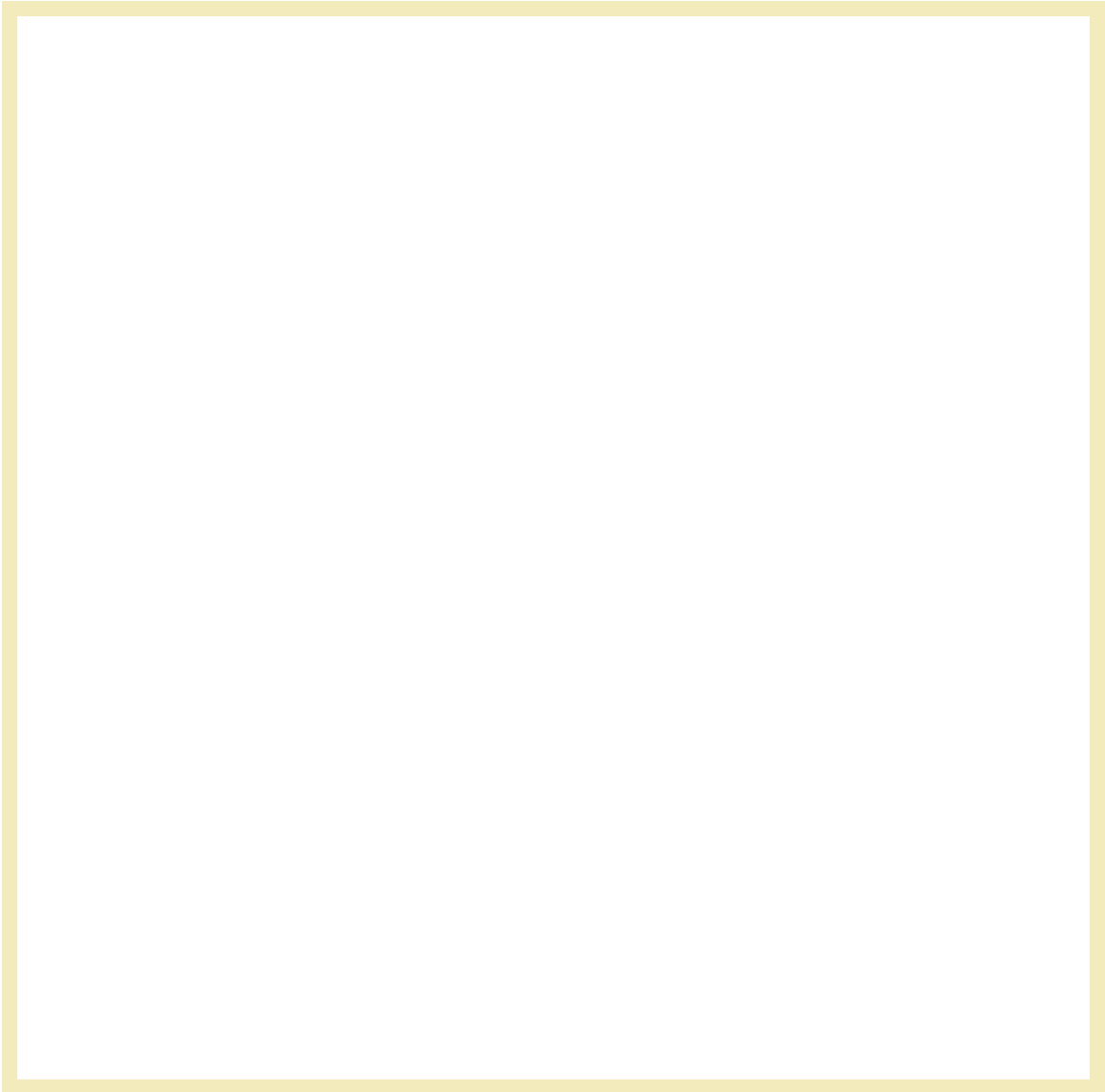
Athabasca River

## Area:

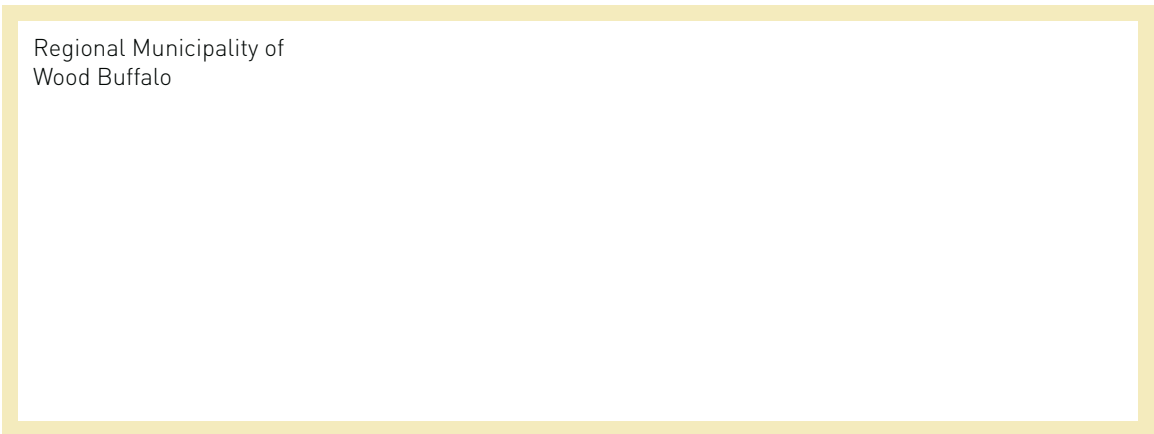
1,785.3 hectares

17.9 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.16 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

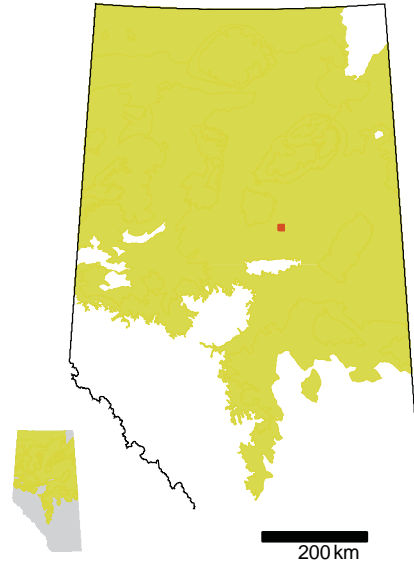


**MUNICIPALITIES**



## CRITERION

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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

2,113.4 hectares

21.1 km<sup>2</sup>Density of  
Human Features:Well 0.14 heads/km<sup>2</sup>Road 0.16 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

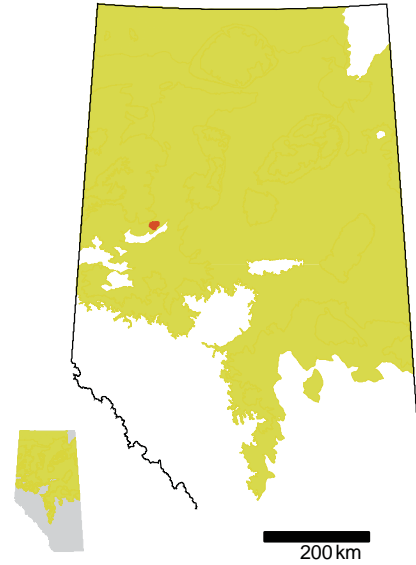
Woodland caribou -  
boreal ecotype

**MUNICIPALITIES**

Municipal District of  
Opportunity No. 17

## CRITERION

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- ☐ 6 Contains large natural areas
- ☒ 7 Contains sites of recognized significance
  - Cardinal Lake Important Bird Area



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Dry Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

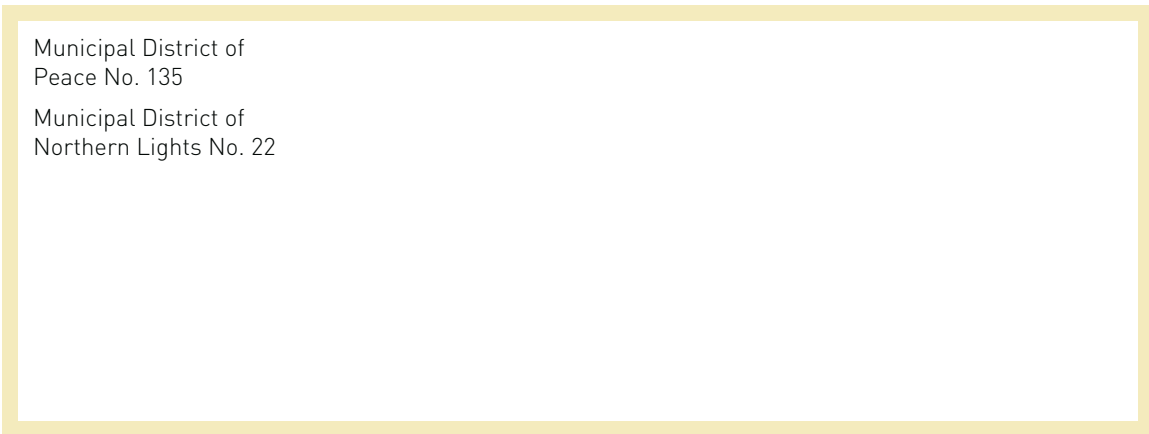
11,569.6 hectares

115.7 km<sup>2</sup>Density of  
Human Features:Well 0.12 heads/km<sup>2</sup>Road 0.53 km/km<sup>2</sup>Pipeline 0.04 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

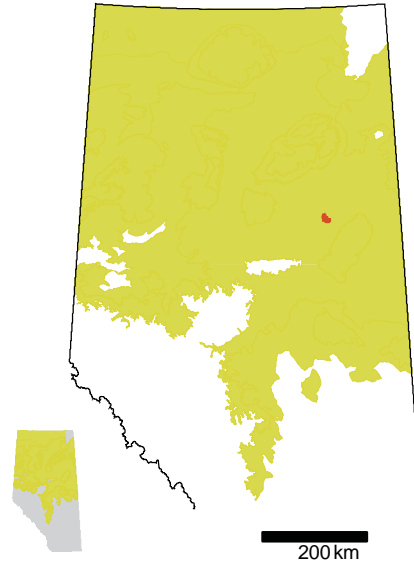


**MUNICIPALITIES**



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Algar River Sand Hills dunes, transverse dunes
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Athabasca River

## Area:

7,175.1 hectares

71.8 km<sup>2</sup>Density of  
Human Features:Well 0.06 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.03 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

Woodland caribou -  
boreal ecotype

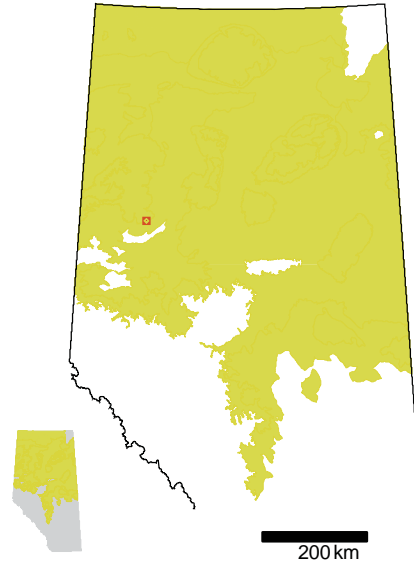
**MUNICIPALITIES**

Regional Municipality of  
Wood Buffalo



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Dry Mixedwood  
Lower Boreal  
Highlands

River Basin(s):

Peace/Slave River

Area:

133.8 hectares

1.3 km<sup>2</sup>

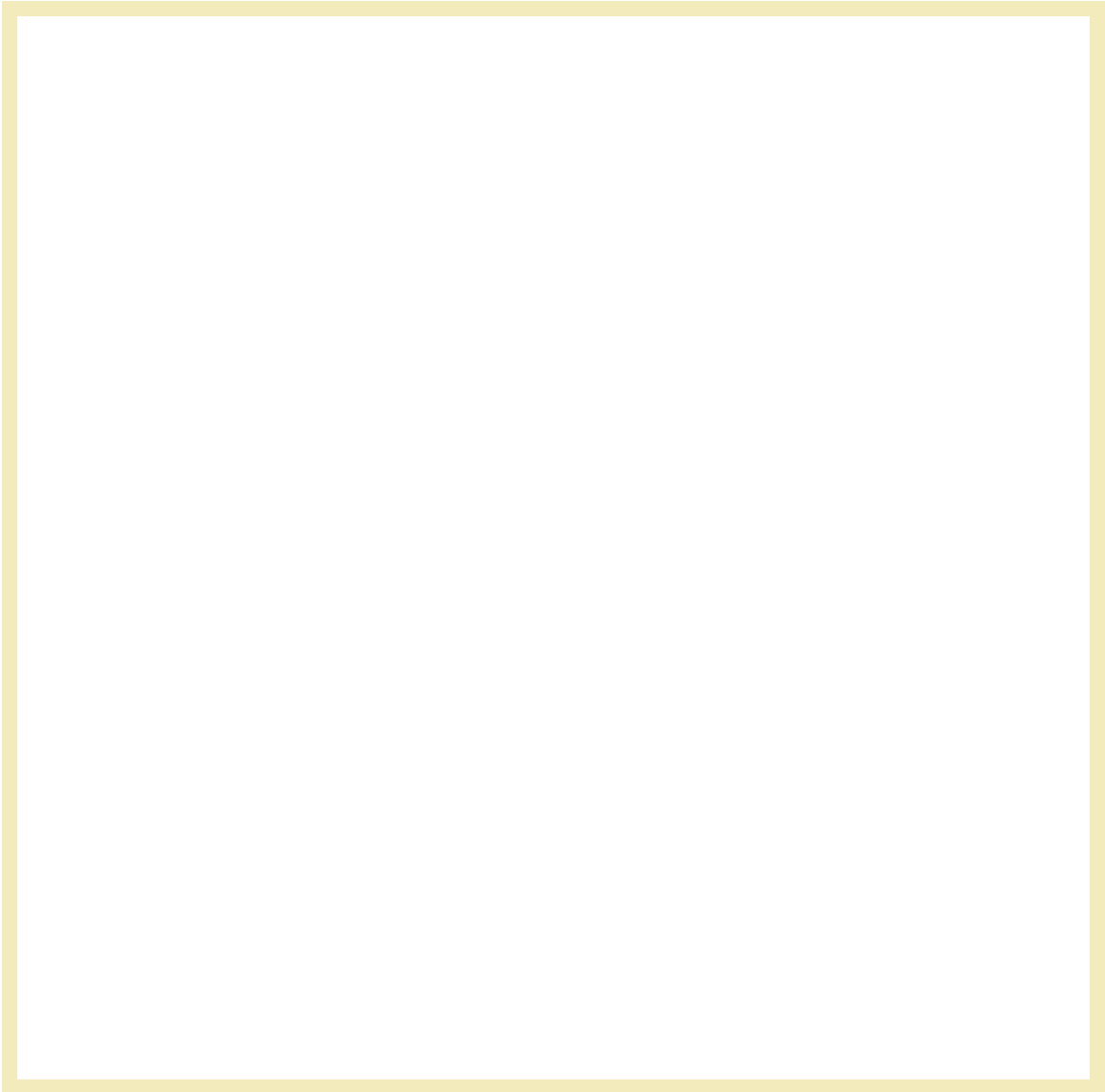
Density of  
Human Features:

Well 0 heads/km<sup>2</sup>

Road 0.22 km/km<sup>2</sup>

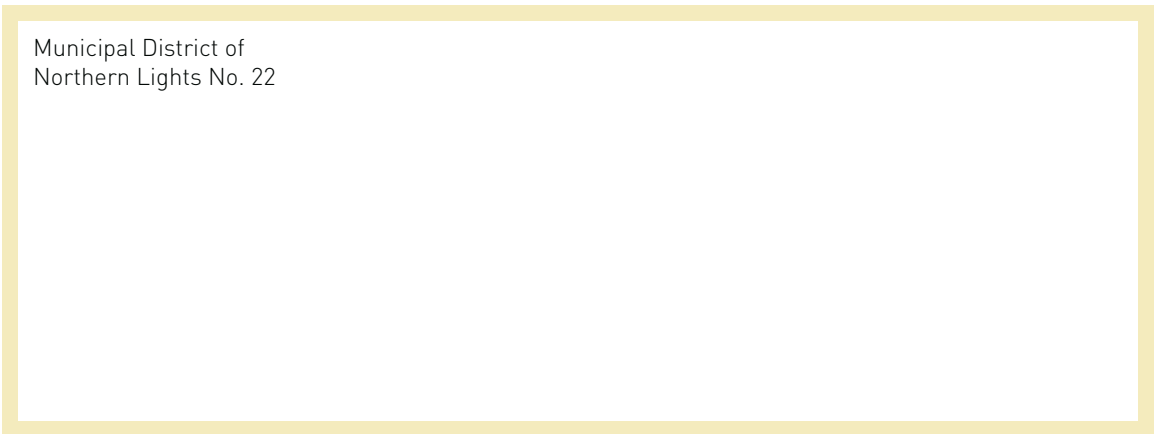
Pipeline 0.63 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



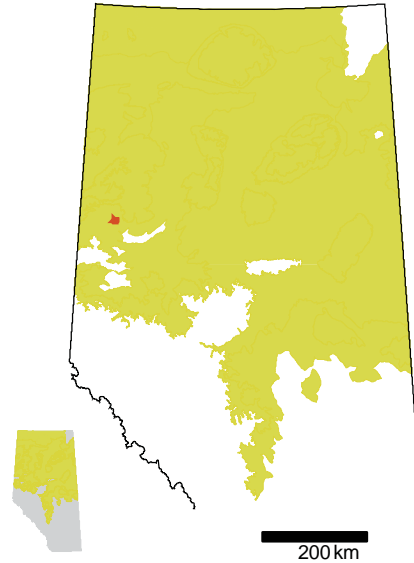
**MUNICIPALITIES**

Municipal District of  
Northern Lights No. 22



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Montagneuse River earth slides
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Dry Mixedwood

## River Basin(s):

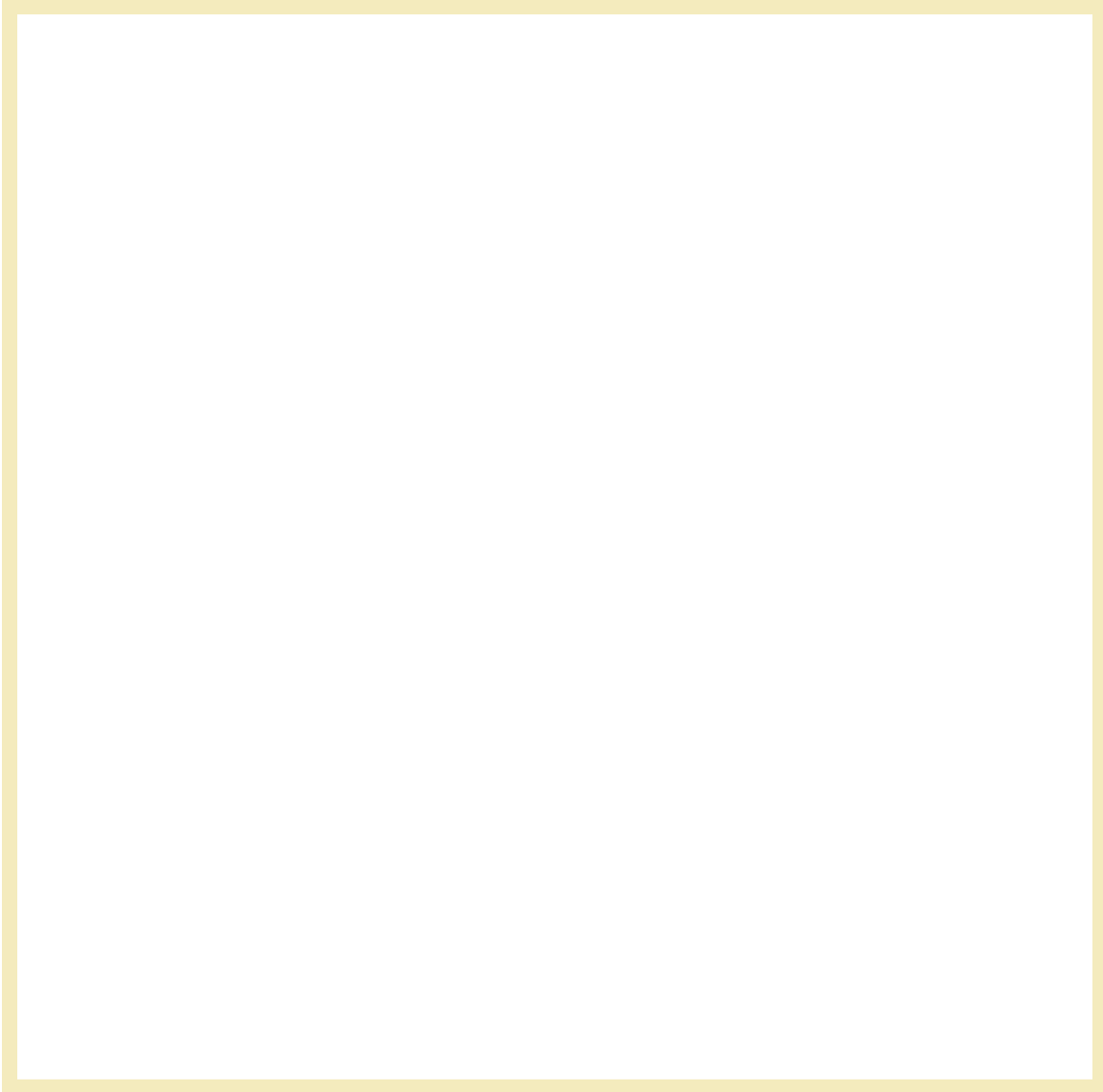
Peace/Slave River

## Area:

1,650.3 hectares

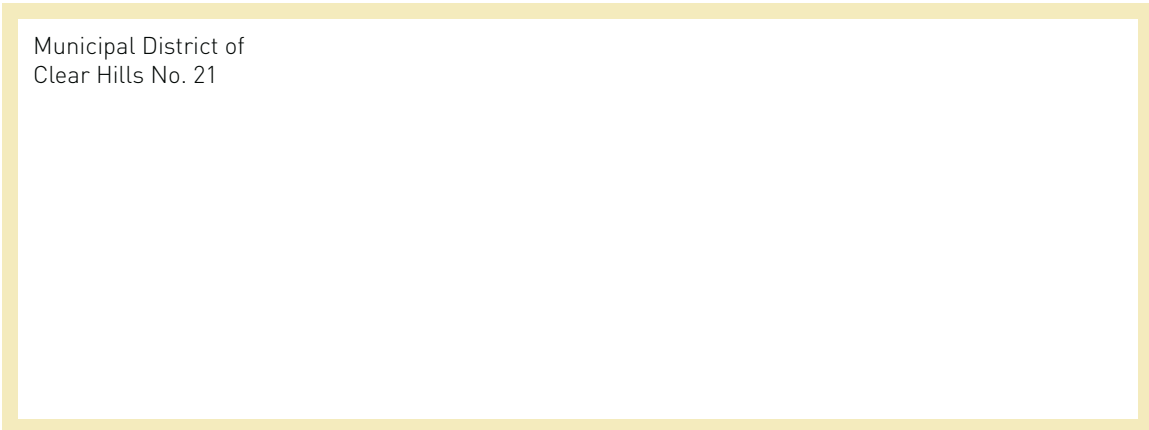
16.5 km<sup>2</sup>Density of  
Human Features:Well 0.06 heads/km<sup>2</sup>Road 0.27 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



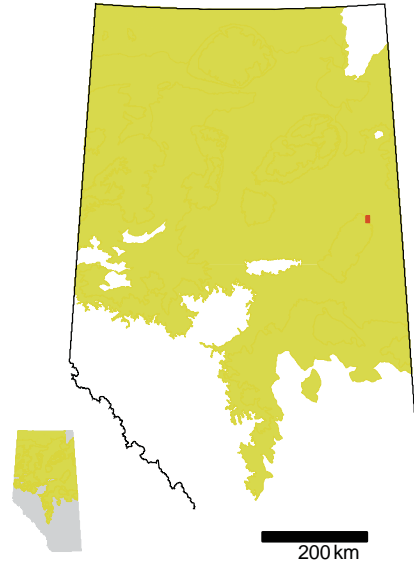
**MUNICIPALITIES**

Municipal District of  
Clear Hills No. 21



CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

66.4 hectares

0.7 km<sup>2</sup>

Density of Human Features:

Well 9.04 heads/km<sup>2</sup>

Road 0.66 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Vegetation Communities**

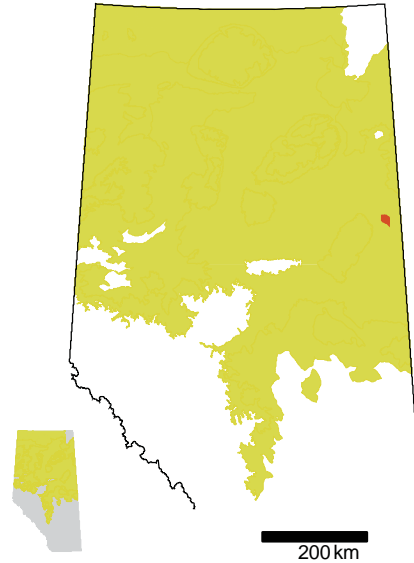
Balsam poplar / high-bush  
cranberry / ostrich fern

**MUNICIPALITIES**

Regional Municipality  
of Wood Buffalo

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

2,178.5 hectares

21.8 km<sup>2</sup>


Density of Human Features:

Well 0 heads/km<sup>2</sup>

Road 0.02 km/km<sup>2</sup>


Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

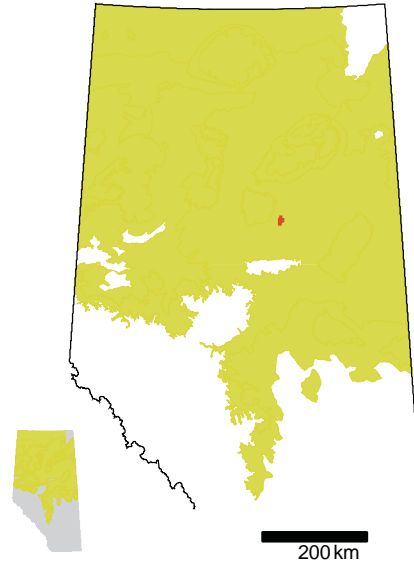
Regional Municipality  
of Wood Buffalo





## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

4,943.0 hectares

49.4 km<sup>2</sup>Density of  
Human Features:Well 0.12 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

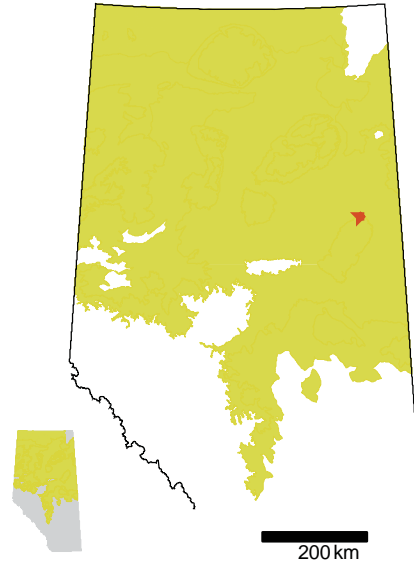
Woodland caribou -  
boreal ecotype

**MUNICIPALITIES**

Municipal District  
of Opportunity No. 17

CRITERION

- ☒ 1 Contains 5 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Lower Boreal  
Highlands

River Basin(s):

Athabasca River

Area:

198.8 hectares

2.0 km<sup>2</sup>

Density of  
Human Features:

Well 0.50 heads/km<sup>2</sup>

Road 0.97 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Mosses**

*Drepanocladus sendtneri*

*Pseudobryum cinclidioides*

*Sphagnum fallax*

### **Vascular Plants**

Marsh rush

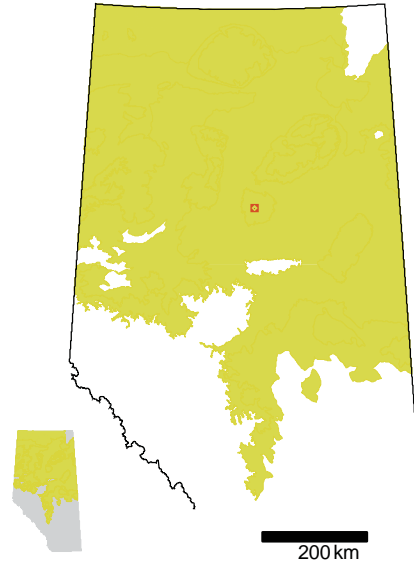
Northern quillwort

## MUNICIPALITIES

Regional Municipality  
of Wood Buffalo

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Lower Boreal Highlands	Peace/Slave River

**Area:**

**201.0** hectares

**2.0** km<sup>2</sup>


**Density of Human Features:**

Well **0** heads/km<sup>2</sup>

Road **0** km/km<sup>2</sup>


Pipeline **0** km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

A large, empty rectangular box with a thin yellow border, intended for listing elements of conservation concern.

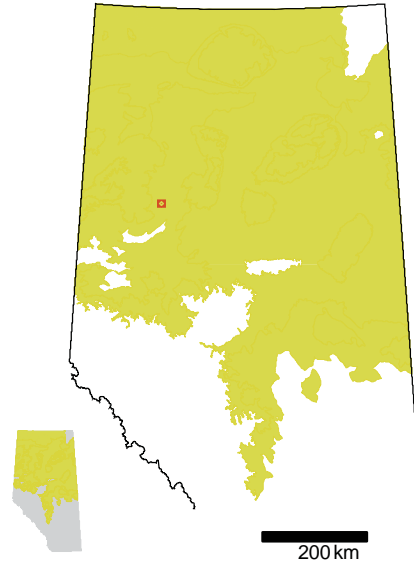
**MUNICIPALITIES**

Municipal District  
of Opportunity No. 17

A large, empty rectangular box with a thin yellow border, intended for listing municipalities. The text "Municipal District of Opportunity No. 17" is already present in the top left corner of the box.

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance




Boreal

ESA CHARACTERISTICS

**Natural Region(s):** Boreal  
**Natural Subregion(s):** Dry Mixedwood  
**River Basin(s):** Peace/Slave River


**Area:**  
 328.8 hectares  
 3.3 km<sup>2</sup>  
**Density of Human Features:**  
 Well 0 heads/km<sup>2</sup>  
 Road 0 km/km<sup>2</sup>  
 Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

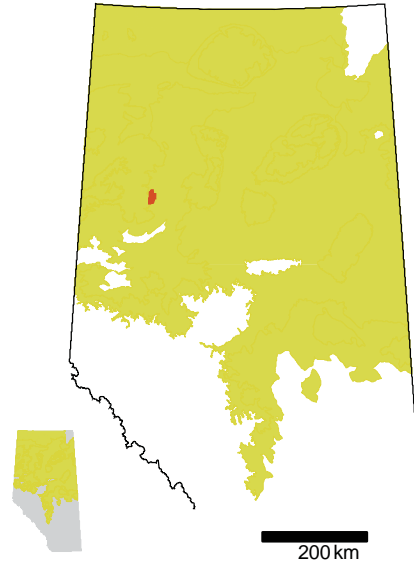
Municipal District  
of Northern Lights No. 22





CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Boreal	Dry Mixedwood Lower Boreal Highlands	Peace/Slave River

Area:
13,419.2 hectares
134.2 km <sup>2</sup>
Density of Human Features:
Well 0.03 heads/km <sup>2</sup>
Road 0 km/km <sup>2</sup>
Pipeline 0.01 km/km <sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

Trumpeter swan

### **Mammals**

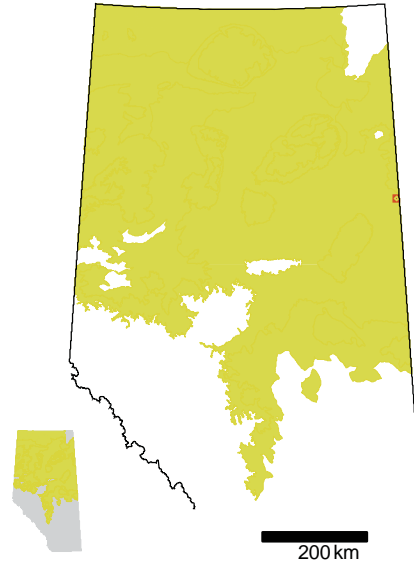
Woodland caribou -  
boreal ecotype

## MUNICIPALITIES

Municipal District  
of Northern Lights No. 22

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Whitemud Falls Area moraine, rogen moraine
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

66.5 hectares

0.7 km<sup>2</sup>


Density of Human Features:

Well 0 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>


Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



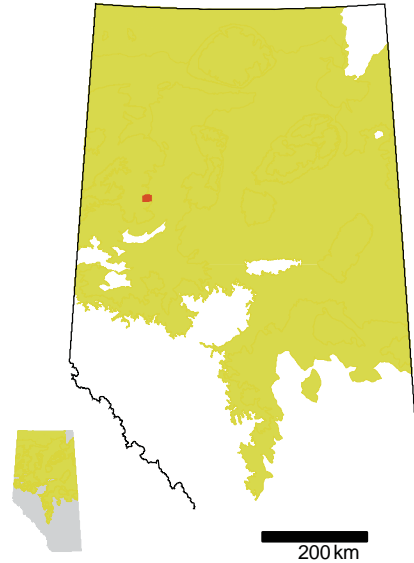
**MUNICIPALITIES**

Regional Municipality  
of Wood Buffalo



## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

2,302.2 hectares

23.0 km<sup>2</sup>Density of  
Human Features:Well 0.09 heads/km<sup>2</sup>Road 0.04 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

Trumpeter swan

### **Mammals**

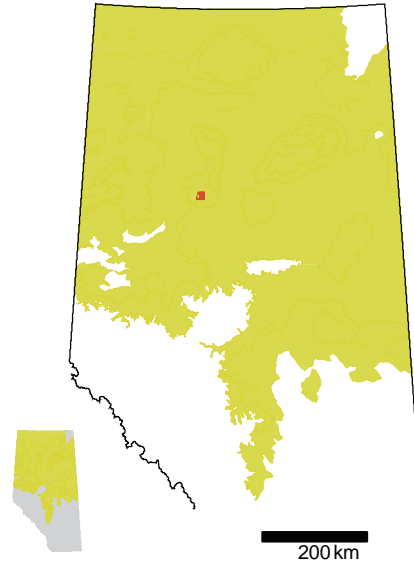
Woodland caribou -  
boreal ecotype

## MUNICIPALITIES

Municipal District  
of Northern Lights No. 22

## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

398.3 hectares

4.0 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Birds**

Trumpeter swan

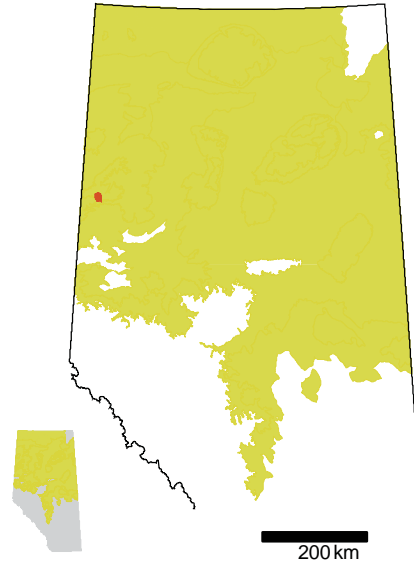
**MUNICIPALITIES**

Northern Sunrise County



## CRITERION

- ☒ **1 Contains 1 element(s) of conservation concern**
- ☒ **2 Contains rare or unique landforms**  
Clear Hills iron depositing springs
- ☐ **3 Contains habitat for focal species**
- ☐ **4 Contains important wildlife habitat**
- ☐ **5 Contains riparian areas**
  - ☐ **a** Contains headwater streams
  - ☐ **b** Contains intact riparian areas
  - ☐ **c** Contains riparian areas along the six major rivers
- ☒ **6 Contains large natural areas**
- ☐ **7 Contains sites of recognized significance**



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Upper Boreal  
Highlands  
Lower Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

8,577.2 hectares

85.8 km<sup>2</sup>Density of  
Human Features:Well 0.26 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Vegetation Communities**

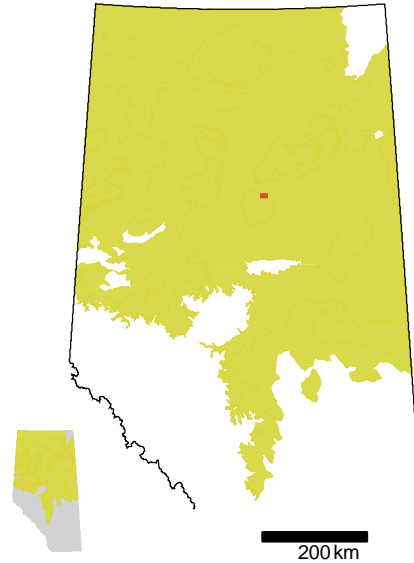
Mud sedge / pendant branch  
peat moss

**MUNICIPALITIES**

Municipal District  
of Clear Hills No. 21

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance




Boreal

ESA CHARACTERISTICS

**Natural Region(s):** Boreal  
**Natural Subregion(s):** Central Mixedwood  
**River Basin(s):** Peace/Slave River


**Area:**  
 133.7 hectares  
 1.3 km<sup>2</sup>  
**Density of Human Features:**  
 Well 0 heads/km<sup>2</sup>  
 Road 0 km/km<sup>2</sup>  
 Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



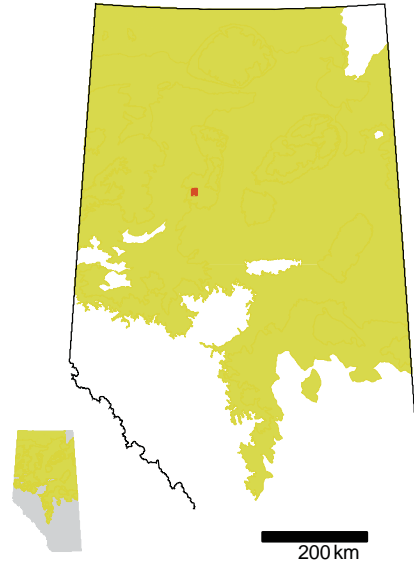
**MUNICIPALITIES**

Municipal District  
of Opportunity No. 17



CRITERION

- ☒ 1 Contains 3 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Lower Boreal Highlands	Peace/Slave River

**Area:**

**1,381.3** hectares

**13.8** km<sup>2</sup>

**Density of Human Features:**

Well **0** heads/km<sup>2</sup>

Road **0** km/km<sup>2</sup>

Pipeline **0.16** km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

Trumpeter swan

### **Vascular Plants**

*Botrychium pinnatum*

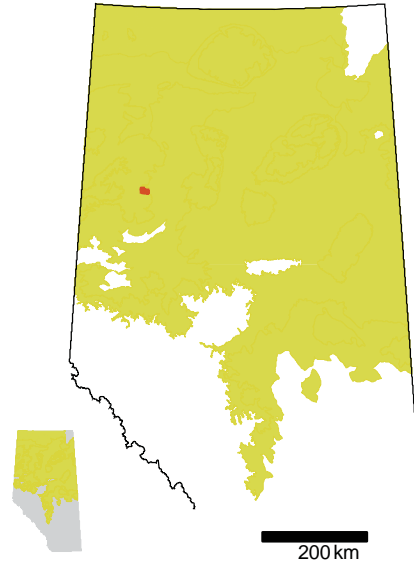
Mingan grape fern

## MUNICIPALITIES

Northern Sunrise County

## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands  
Dry Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

8,971.8 hectares

89.7 km<sup>2</sup>Density of  
Human Features:Well 0.06 heads/km<sup>2</sup>Road 0.14 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Birds**

Trumpeter swan

### **Mammals**

Woodland caribou -  
boreal ecotype

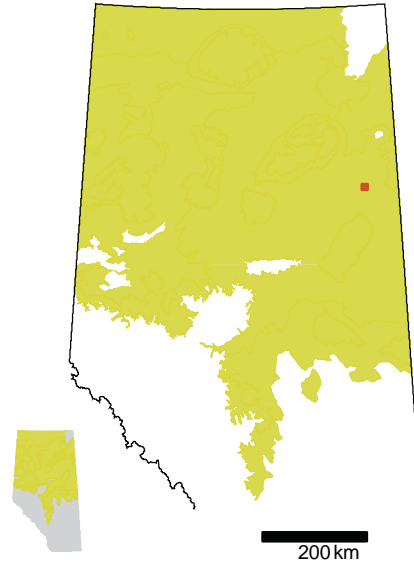
## MUNICIPALITIES

Municipal District  
of Northern Lights No. 22



CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

2,924.7 hectares

29.2 km<sup>2</sup>

Density of Human Features:

Well 2.36 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>

Pipeline 0.12 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mosses**

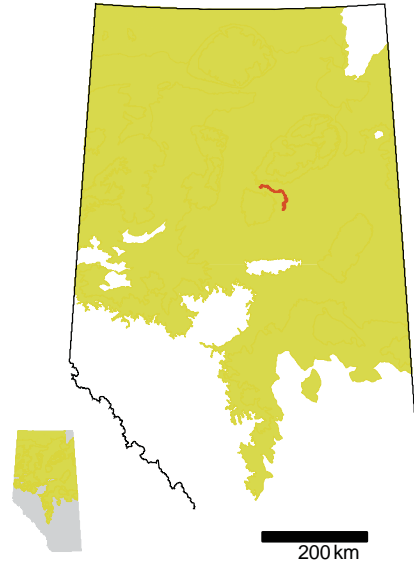
Elf bloom moss

**MUNICIPALITIES**

Regional Municipality  
of Wood Buffalo

## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

23,843.8 hectares

238.4 km<sup>2</sup>Density of  
Human Features:Well 0.07 heads/km<sup>2</sup>Road 0.03 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Mammals**

Woodland caribou -  
boreal ecotype

### **Vascular Plants**

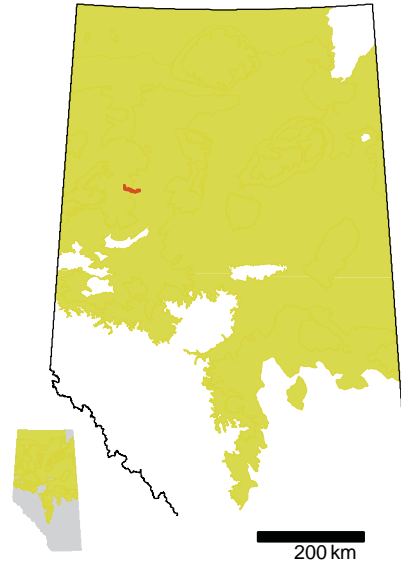
Bodin's milk vetch

## MUNICIPALITIES

Municipal District  
of Opportunity No. 17

## CRITERION

- ☒ **1 Contains 1 element(s) of conservation concern**
- ☒ **2 Contains rare or unique landforms**
  - Manning Area bar-and-swale topography
  - Manning Area fluviatile lakes, oxbow lakes
- ☐ **3 Contains habitat for focal species**
- ☐ **4 Contains important wildlife habitat**
- ☐ **5 Contains riparian areas**
  - ☐ **a** Contains headwater streams
  - ☐ **b** Contains intact riparian areas
  - ☐ **c** Contains riparian areas along the six major rivers
- ☒ **6 Contains large natural areas**
- ☐ **7 Contains sites of recognized significance**



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Dry Mixedwood  
Lower Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

6,158.8 hectares

61.6 km<sup>2</sup>Density of  
Human Features:Well 0.06 heads/km<sup>2</sup>Road 0.16 km/km<sup>2</sup>Pipeline 0.05 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Fish**

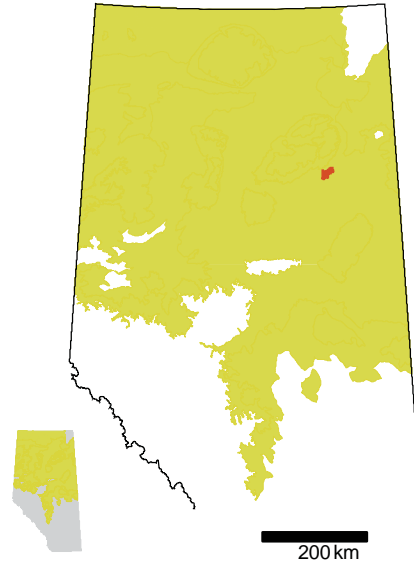
Northern squaw**fish**

**MUNICIPALITIES**

Municipal District  
of Northern Lights No. 22

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Fort MacKay river meanders, incised meanders
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Athabasca River

## Area:

24,214.9 hectares

242.1 km<sup>2</sup>Density of  
Human Features:Well 0.09 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.08 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

Woodland caribou -  
boreal ecotype

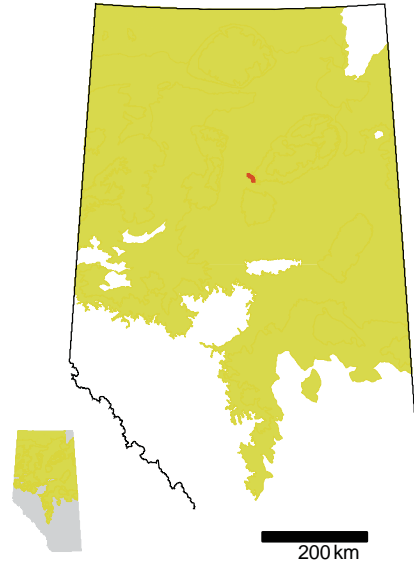
**MUNICIPALITIES**

Regional Municipality  
of Wood Buffalo



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance




Boreal

ESA CHARACTERISTICS

**Natural Region(s):** Boreal  
**Natural Subregion(s):** Central Mixedwood  
**River Basin(s):** Peace/Slave River


**Area:**  
 3,751.4 hectares  
 37.5 km<sup>2</sup>  
**Density of Human Features:**  
 Well 0.11 heads/km<sup>2</sup>  
 Road 0.10 km/km<sup>2</sup>  
 Pipeline 0.04 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



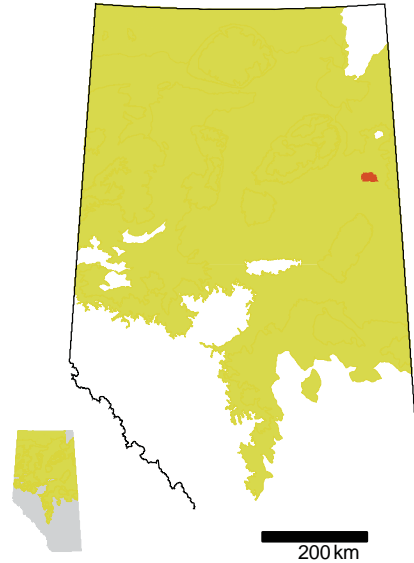
**MUNICIPALITIES**

Municipal District  
of Opportunity No. 17



## CRITERION

- ☒ 1 Contains **3** element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Muskeg Mountain non-patterned fens without internal lawns, channel fens
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Athabasca River

## Area:

20,044.2 hectares

200.4 km<sup>2</sup>Density of  
Human Features:Well **0.19** heads/km<sup>2</sup>Road **0** km/km<sup>2</sup>Pipeline **0** km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Mammals**

Woodland caribou - boreal  
ecotype

### **Mosses**

*Brachythecium rutabulum*

*Bryum cyclophyllum*

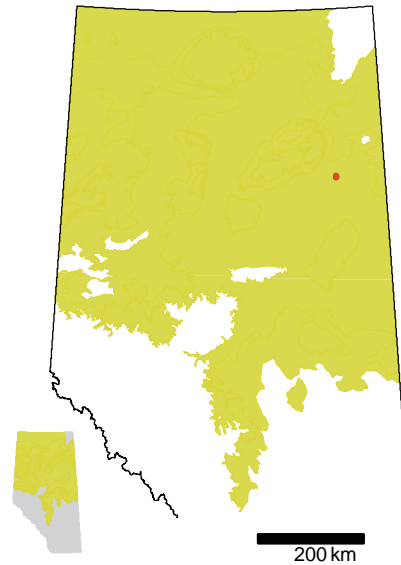
*Hygroamblystegium tenax*

## MUNICIPALITIES

Regional Municipality  
of Wood Buffalo

CRITERION

- ☒ 1 Contains 9 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

652.9 hectares

6.5 km<sup>2</sup>

Density of Human Features:

Well 4.60 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Liverworts**

*Chiloscyphus pallescens*

*Scapania glaucocephala*

### **Mosses**

*Campylium radicale*

Flagon-fruited splachnum

*Pseudobryum cinclidioides*

### **Vascular Plants**

*Epilobium halleanum*

Meadow bitter cress

Pitcher-plant

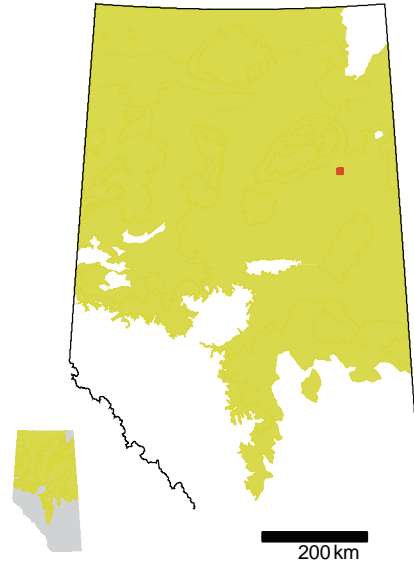
Salt-marsh sand spurry

## MUNICIPALITIES

Regional Municipality  
of Wood Buffalo

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Fort MacKay Area river meanders,  
incised meanders
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along  
the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):


Athabasca River

## Area:

1,837.9 hectares


18.4 km<sup>2</sup>Density of  
Human Features:Well 0.54 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

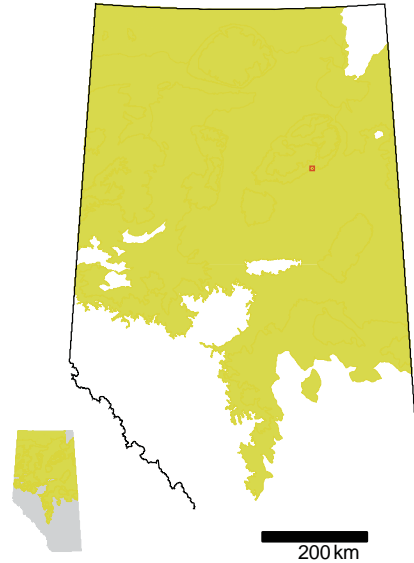
Regional Municipality  
of Wood Buffalo





CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

64.9 hectares

0.6 km<sup>2</sup>

Density of Human Features:

Well 0 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Birds**

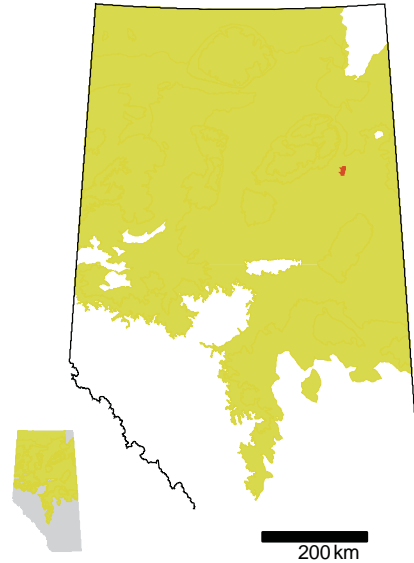
American white pelican

**MUNICIPALITIES**

Regional Municipality  
of Wood Buffalo

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

3,549.4 hectares

35.5 km<sup>2</sup>


Density of Human Features:

Well 1.83 heads/km<sup>2</sup>

Road 0.08 km/km<sup>2</sup>


Pipeline 0.03 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

A large, empty rectangular box with a thin yellow border, intended for mapping or drawing elements of conservation concern.

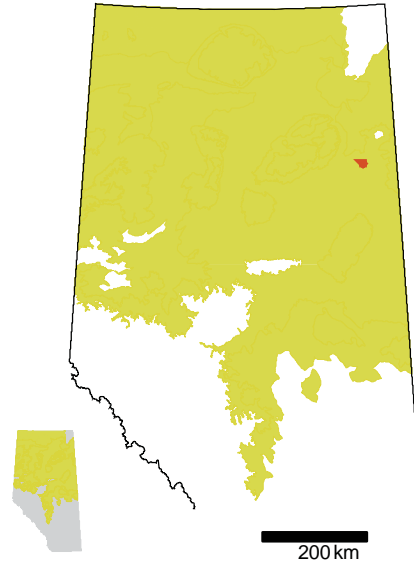
**MUNICIPALITIES**

Regional Municipality  
of Wood Buffalo

A large, empty rectangular box with a thin yellow border, intended for mapping or drawing municipalities. The text "Regional Municipality of Wood Buffalo" is located in the top-left corner of this box.

CRITERION

- ☒ 1 Contains 6 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

64.9 hectares

0.6 km<sup>2</sup>

Density of Human Features:

Well 4.62 heads/km<sup>2</sup>

Road 0.47 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Liverworts**

*Blasia pusilla*

*Chiloscyphus pallescens*

*Conocephalum conicum*

*Scapania glaucocephala*

### **Mosses**

*Campylium radicale*

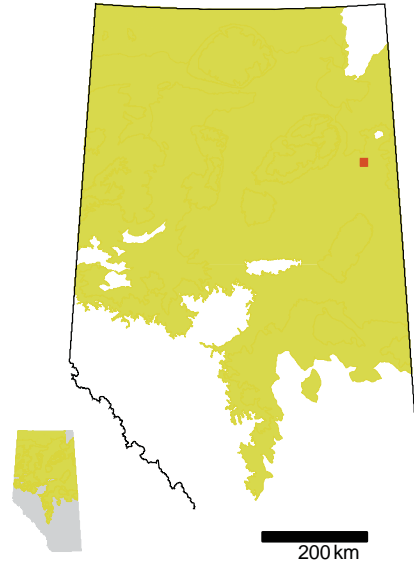
*Myurella tenerrima*

## MUNICIPALITIES

Regional Municipality  
of Wood Buffalo

CRITERION

- ☒ 1 Contains 5 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

199.5 hectares

2.0 km<sup>2</sup>

Density of Human Features:

Well 1.50 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Liverworts**

*Anastrophyllum helleranum*

*Chiloscyphus pallescens*

*Conocephalum conicum*

### **Mosses**

*Thuidium philibertii*

### **Vascular Plants**

Northern slender ladies'-tresses

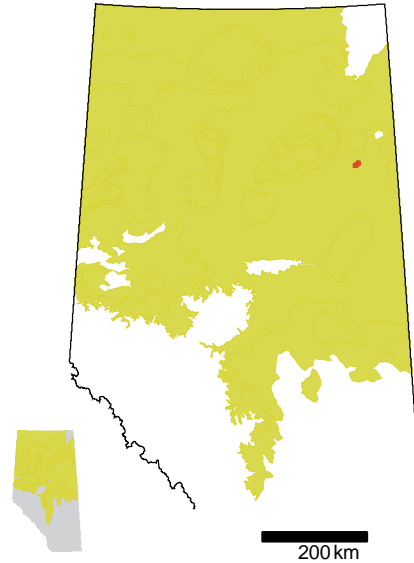
## MUNICIPALITIES

Regional Municipality  
of Wood Buffalo



CRITERION

- ☒ 1 Contains 12 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Central Mixedwood	Athabasca River

**Area:**

**5,947.4** hectares

**59.5** km<sup>2</sup>

**Density of Human Features:**

Well **6.05** heads/km<sup>2</sup>

Road **0.21** km/km<sup>2</sup>

Pipeline **0** km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Liverworts**

*Riccardia latifrons*

*Scapania paludicola*

### **Mosses**

*Campylium radicale*

*Drepanocladus sendtneri*

Fringed bog moss

*Leptodictyum humile*

*Rhizomnium magnifolium*

*Sphagnum fallax*

### **Vascular Plants**

Broad-leaved arrowhead

Capitate sedge

Lakeshore sedge

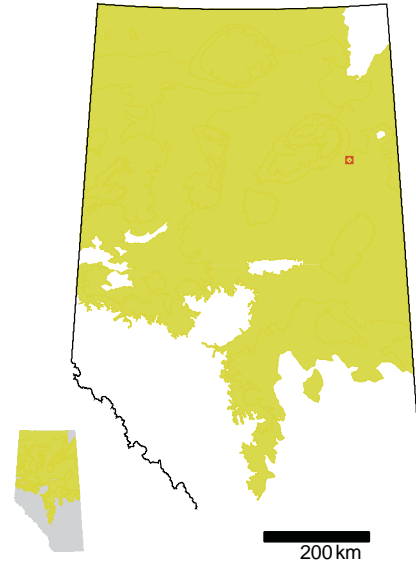
White water-lily

## MUNICIPALITIES

Regional Municipality  
of Wood Buffalo

## CRITERION

- ☒ **1 Contains 10 element(s) of conservation concern**
- ☐ **2 Contains rare or unique landforms**
- ☐ **3 Contains habitat for focal species**
- ☐ **4 Contains important wildlife habitat**
- ☐ **5 Contains riparian areas**
  - ☐ **a** Contains headwater streams
  - ☐ **b** Contains intact riparian areas
  - ☐ **c** Contains riparian areas along the six major rivers
- ☐ **6 Contains large natural areas**
- ☐ **7 Contains sites of recognized significance**



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Athabasca River

## Area:

263.5 hectares

2.6 km<sup>2</sup>Density of  
Human Features:Well 32.26 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### **Liverworts**

*Anastrophyllum helleranum*

*Chiloscyphus pallescens*

*Lophozia obtusa*

*Riccardia latifrons*

*Scapania apiculata*

*Scapania cuspiduligera*

*Scapania glaucocephala*

### **Mosses**

*Conardia compacta*

Fringed bog moss

### **Vascular Plants**

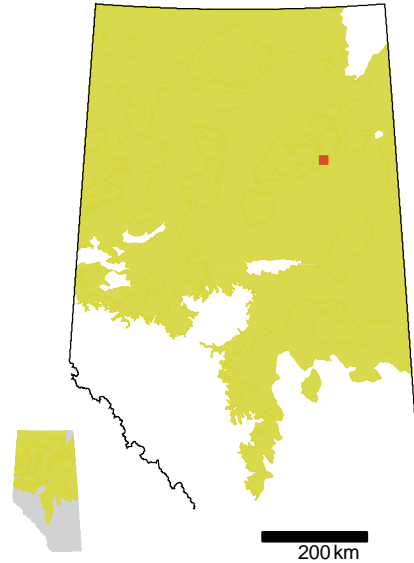
Meadow bitter cress

## MUNICIPALITIES

Regional Municipality of  
Wood Buffalo

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Chelsea Creek Area flutings
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
- ☐ a Contains headwater streams
- ☐ b Contains intact riparian areas
- ☐ c Contains riparian areas along the six major rivers
- ☐ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands

## River Basin(s):


Athabasca River

## Area:

1,447.9 hectares


14.5 km<sup>2</sup>Density of  
Human Features:Well 0.14 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



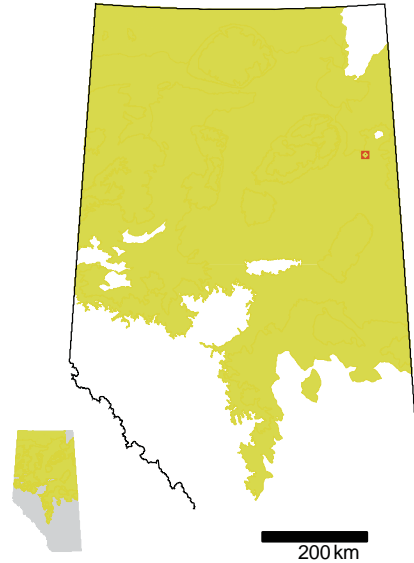
**MUNICIPALITIES**

Regional Municipality of  
Wood Buffalo



CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Athabasca River

Area:

66.3 hectares

0.7 km<sup>2</sup>

Density of Human Features:

Well 0 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>

Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mosses**

*Hypnum pallescens*

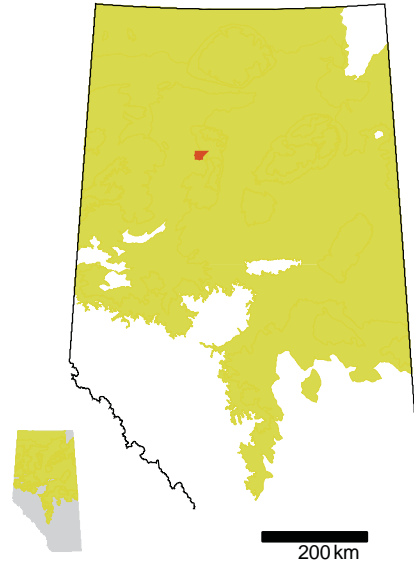
**MUNICIPALITIES**

Regional Municipality of  
Wood Buffalo



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Dry Mixedwood

## River Basin(s):


Peace/Slave River

## Area:

395.0 hectares


4.0 km<sup>2</sup>Density of  
Human Features:Well 0.25 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



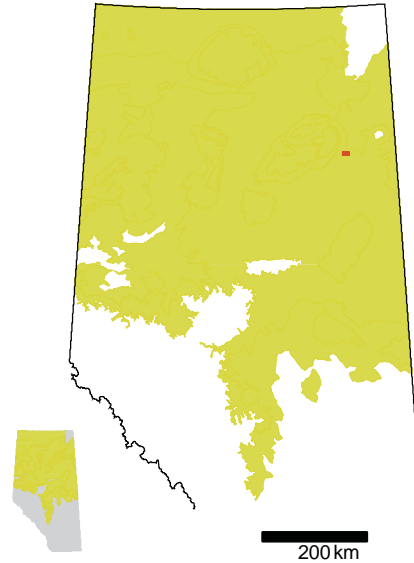
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Fort MacKay Area dolines, collapse
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Athabasca Plain	Athabasca River

**Area:**

**66.1** hectares

**0.7** km<sup>2</sup>

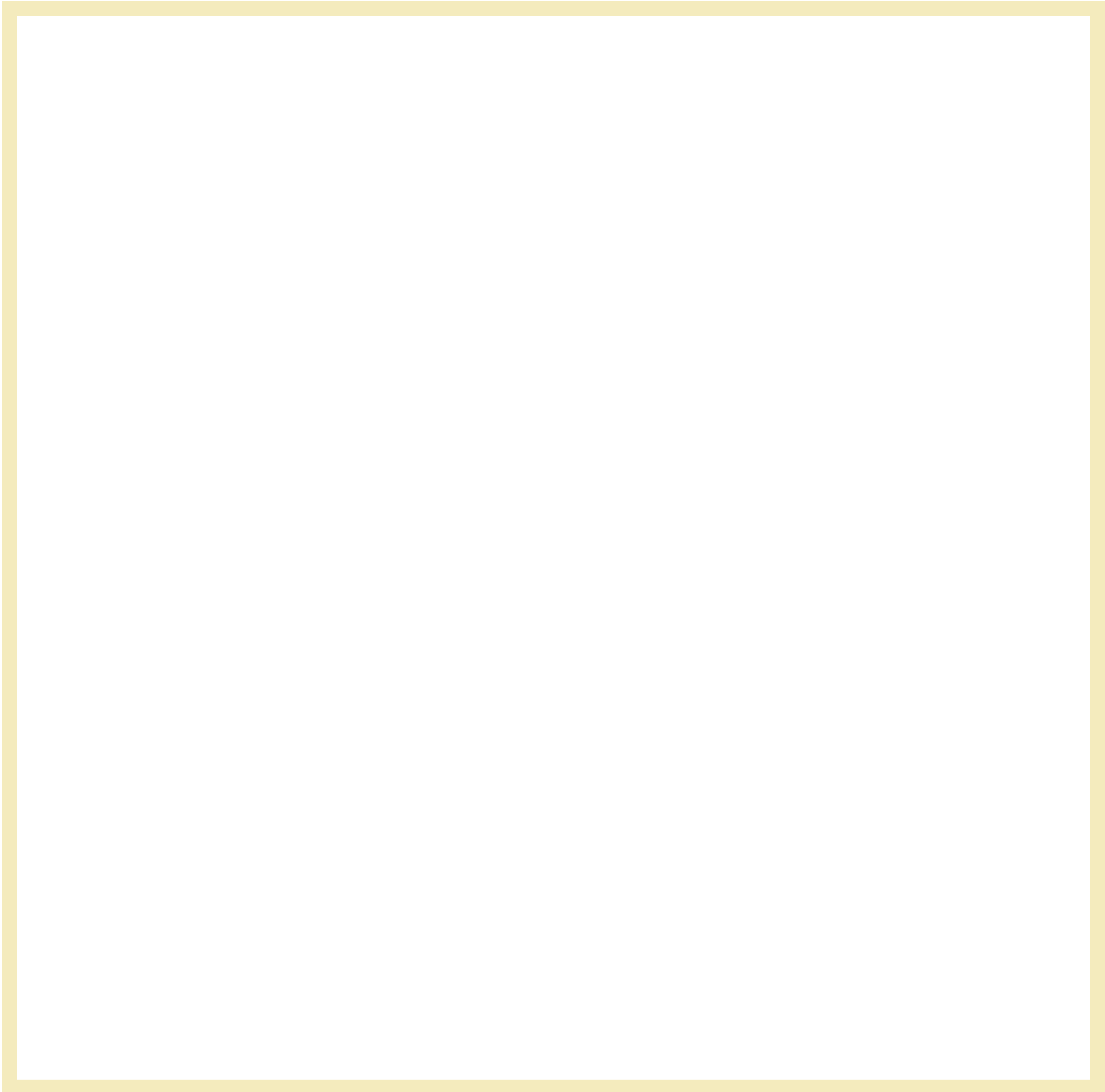
**Density of Human Features:**

Well **7.56** heads/km<sup>2</sup>

Road **0.68** km/km<sup>2</sup>

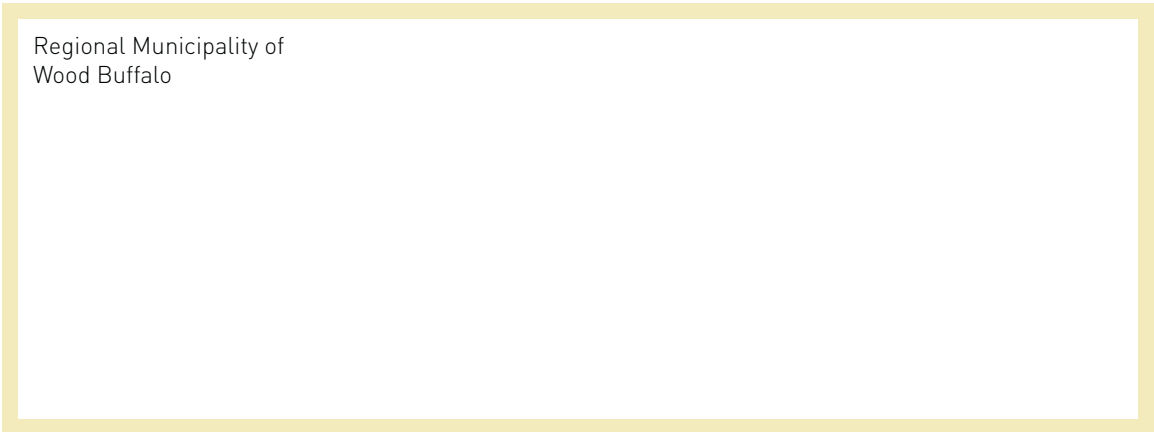
Pipeline **0** km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



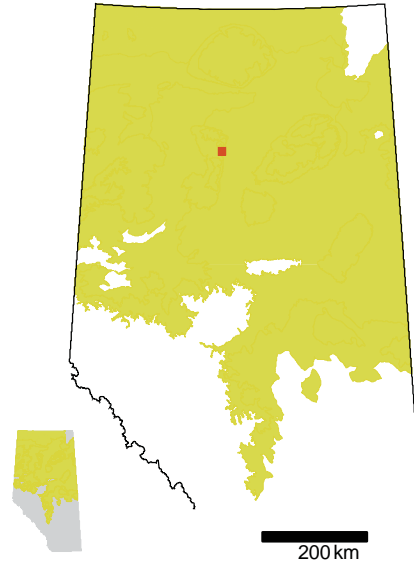
**MUNICIPALITIES**

Regional Municipality of  
Wood Buffalo



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Muddy River Area burning sulphur
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood  
Lower Boreal  
Highlands

## River Basin(s):


Peace/Slave River

## Area:

391.2 hectares


3.9 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



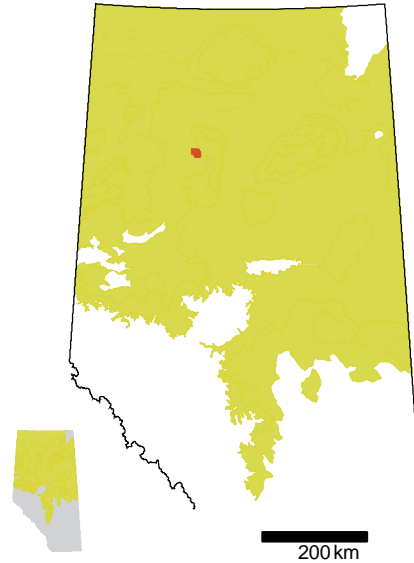
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Dry Mixedwood

River Basin(s):

Peace/Slave River

Area:

2,952.7 hectares

29.5 km<sup>2</sup>


Density of Human Features:

Well 0.20 heads/km<sup>2</sup>

Road 0 km/km<sup>2</sup>


Pipeline 0.14 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

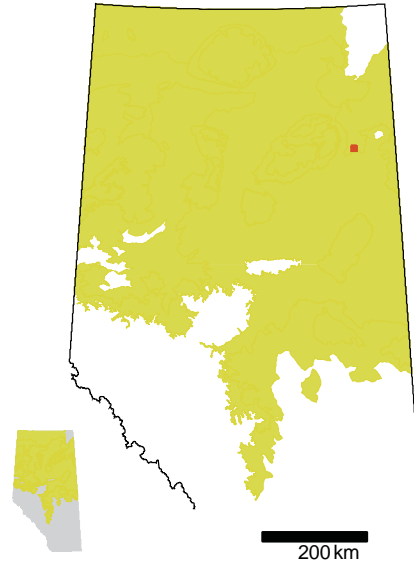
Municipal District of  
Mackenzie No. 23





## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
McClelland Lake Area dolines, collapse
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Athabasca Plain

## River Basin(s):

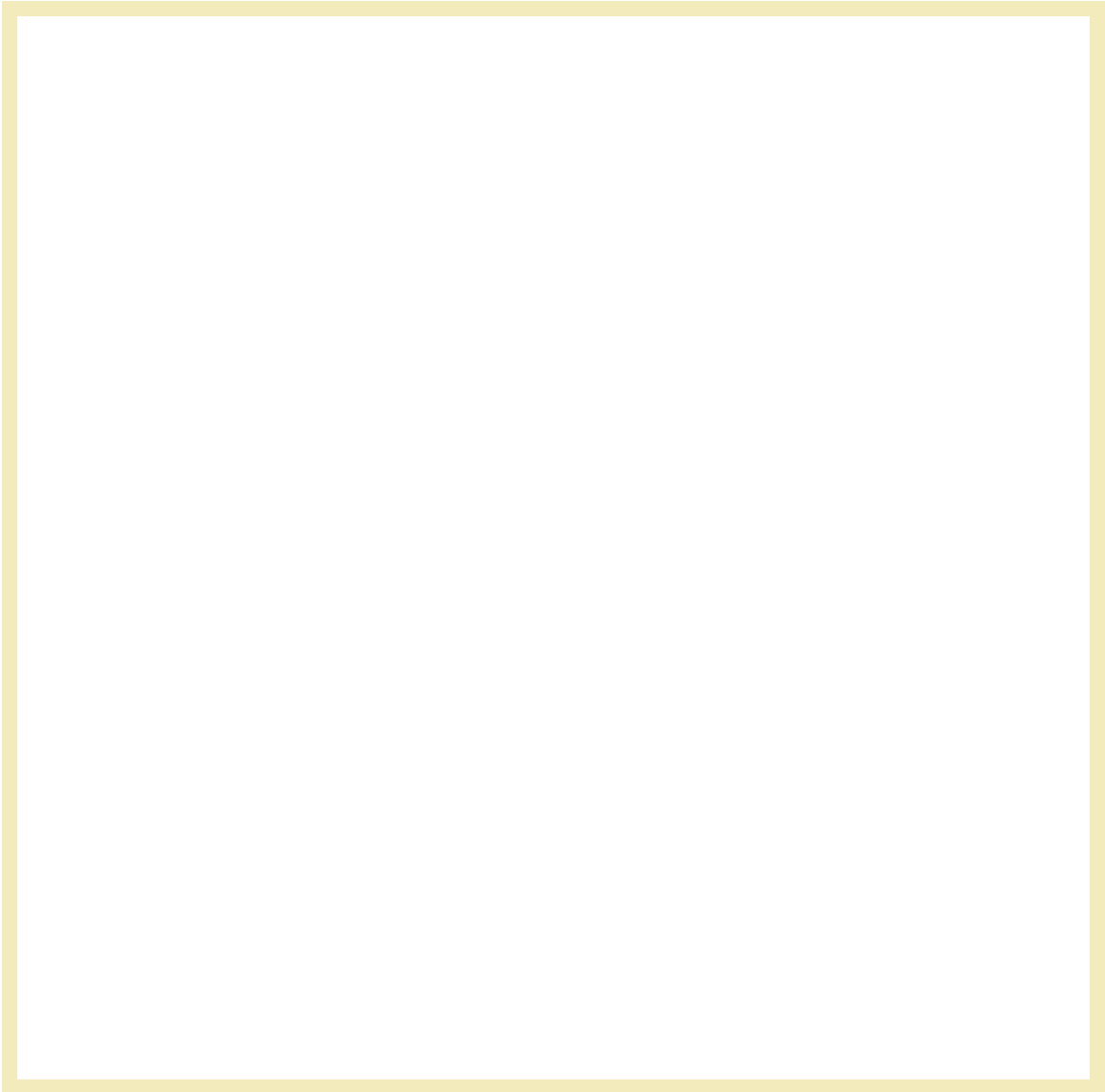
Athabasca River

## Area:

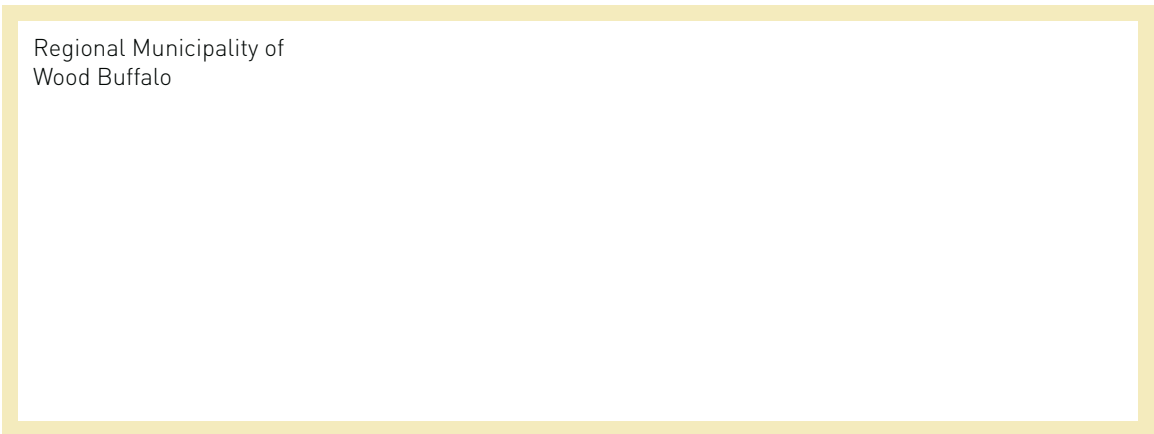
1,643.2 hectares

16.4 km<sup>2</sup>Density of  
Human Features:Well 0.06 heads/km<sup>2</sup>Road 0.23 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

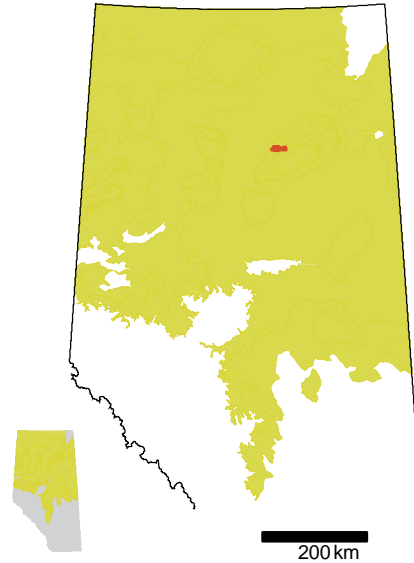


**MUNICIPALITIES**



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Birch Mountains wooded bogs without internal lawns, northern plateau bogs
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands  
Central Mixedwood

## River Basin(s):

Peace/Slave River

## Area:

12,895.5 hectares

129.0 km<sup>2</sup>Density of  
Human Features:Well 0.05 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.04 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

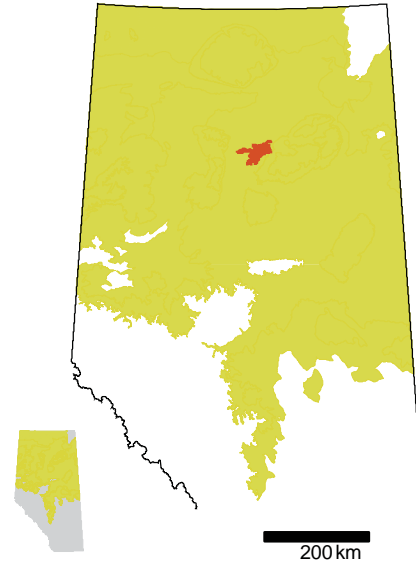
Woodland caribou -  
boreal ecotype

**MUNICIPALITIES**

Regional Municipality of  
Wood Buffalo

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
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  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood  
Lower Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

110,909.1 hectares

1,109.1 km<sup>2</sup>Density of  
Human Features:Well 0.02 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

## ELEMENTS OF CONSERVATION CONCERN

### Mammals

Woodland caribou -  
boreal ecotype

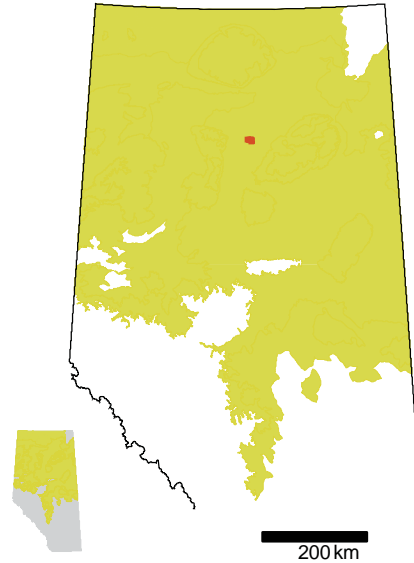
## MUNICIPALITIES

Municipal District of  
Mackenzie No. 23

Municipal District of  
Opportunity No. 17

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
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  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):


Peace/Slave River

## Area:

1,910.5 hectares


19.1 km<sup>2</sup>Density of  
Human Features:Well 0.05 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

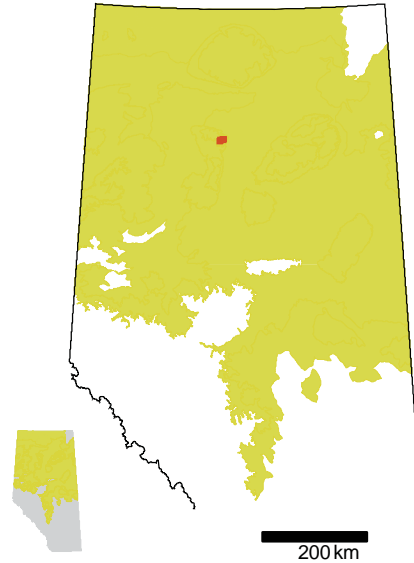
Municipal District of  
Mackenzie No. 23





## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☒ 4 Contains important wildlife habitat
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  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Lower Boreal  
Highlands  
Upper Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

3,222.2 hectares

32.2 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0.09 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Birds**

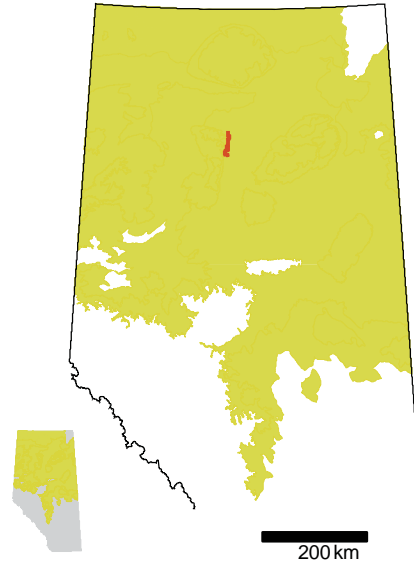
American white pelican

**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

<b>Natural Region(s):</b>	<b>Natural Subregion(s):</b>	<b>River Basin(s):</b>
Boreal	Central Mixedwood	Peace/Slave River

**Area:**

**11,846.7** hectares

**118.5** km<sup>2</sup>


**Density of Human Features:**

Well **0** heads/km<sup>2</sup>

Road **0** km/km<sup>2</sup>


Pipeline **0** km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



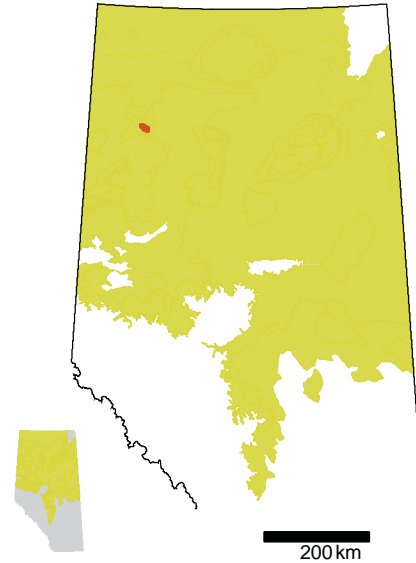
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

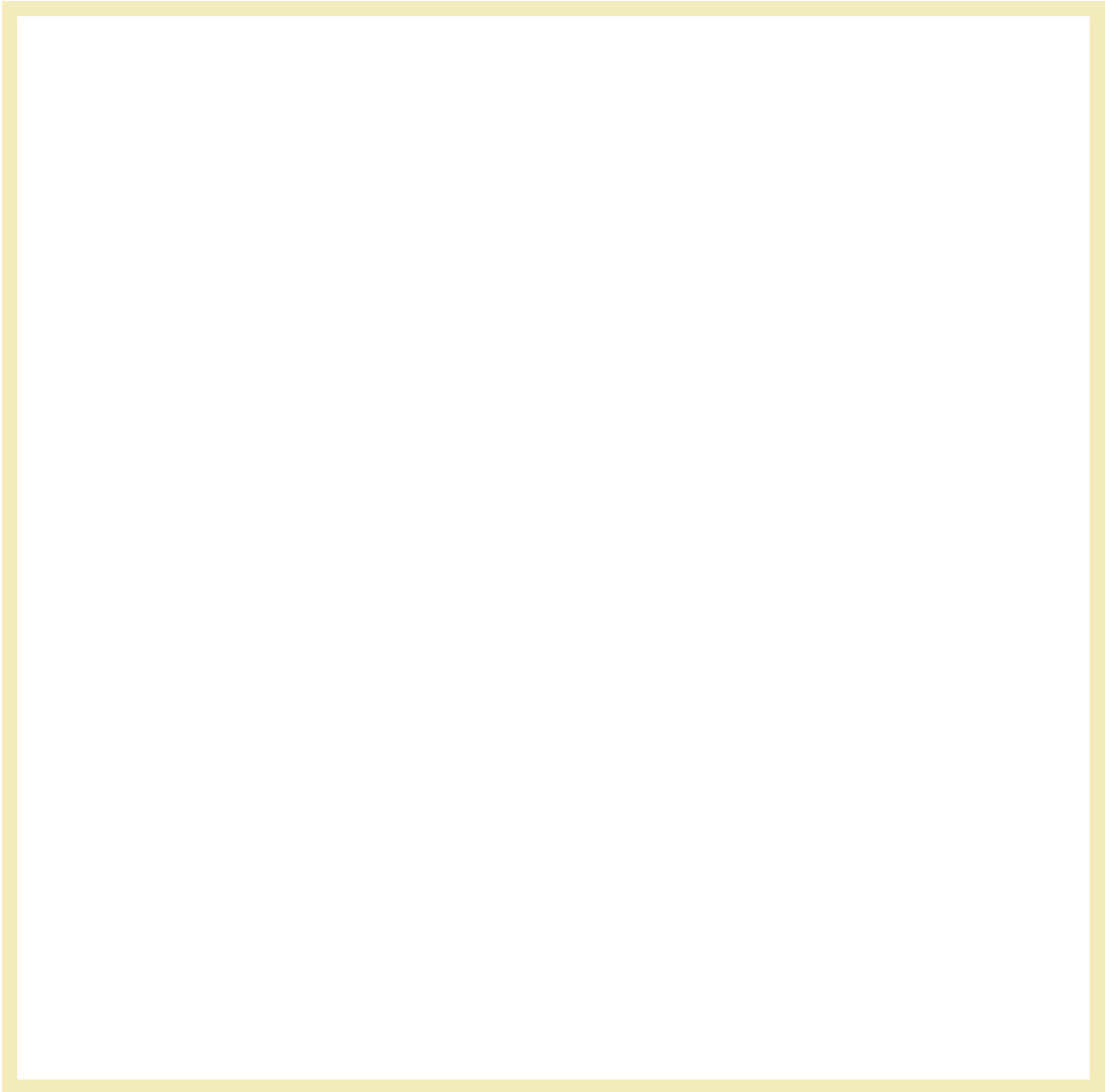
Hay River

## Area:

4,408.0 hectares

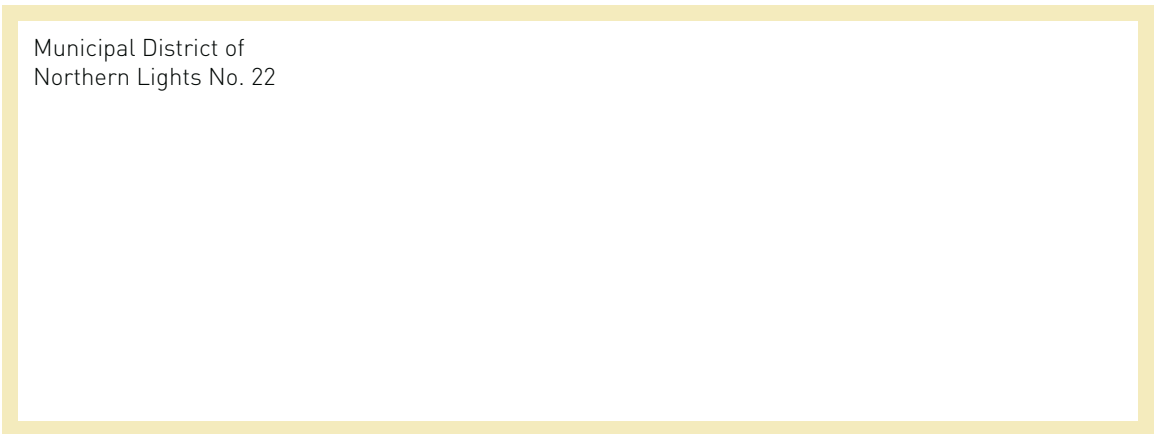
44.1 km<sup>2</sup>Density of  
Human Features:Well 0.14 heads/km<sup>2</sup>Road 0.01 km/km<sup>2</sup>Pipeline 0.24 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



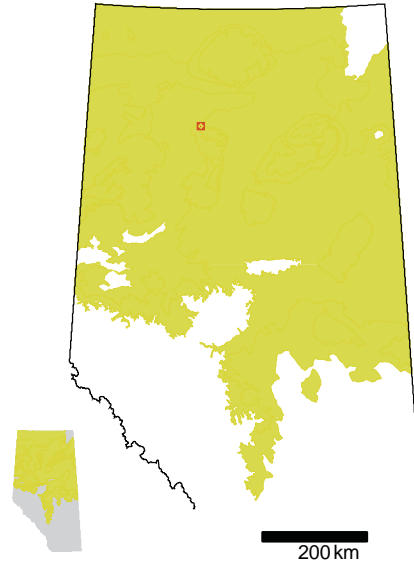
**MUNICIPALITIES**

Municipal District of  
Northern Lights No. 22



## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Dry Mixedwood  
Lower Boreal  
Highlands

## River Basin(s):

Peace/Slave River

## Area:

266.0 hectares

2.7 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0.20 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Vascular Plants**

Reddish wood-rush

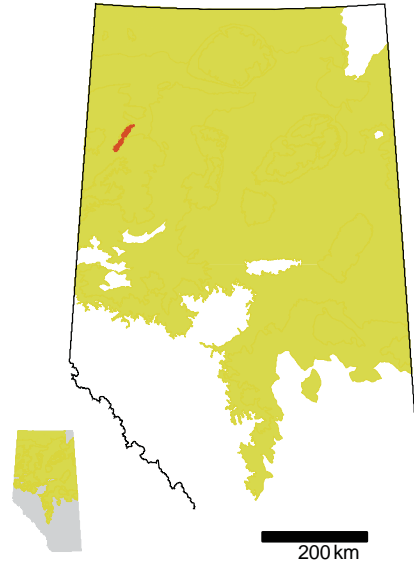
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☒ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood  
Lower Boreal  
Highlands

## River Basin(s):

Hay River

## Area:

33,482.5 hectares

334.8 km<sup>2</sup>Density of  
Human Features:Well 0.14 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0.11 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mammals**

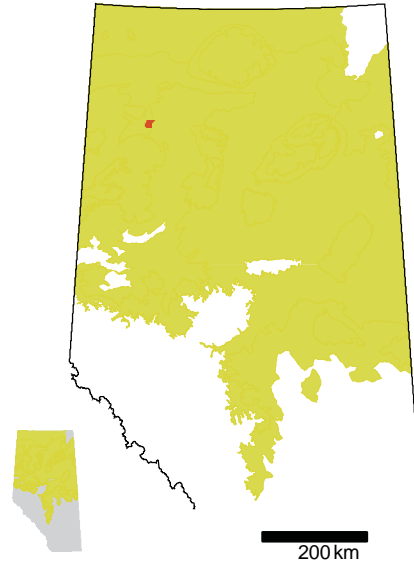
Woodland caribou -  
boreal ecotype

**MUNICIPALITIES**

Municipal District of  
Northern Lights No. 22

CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
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  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



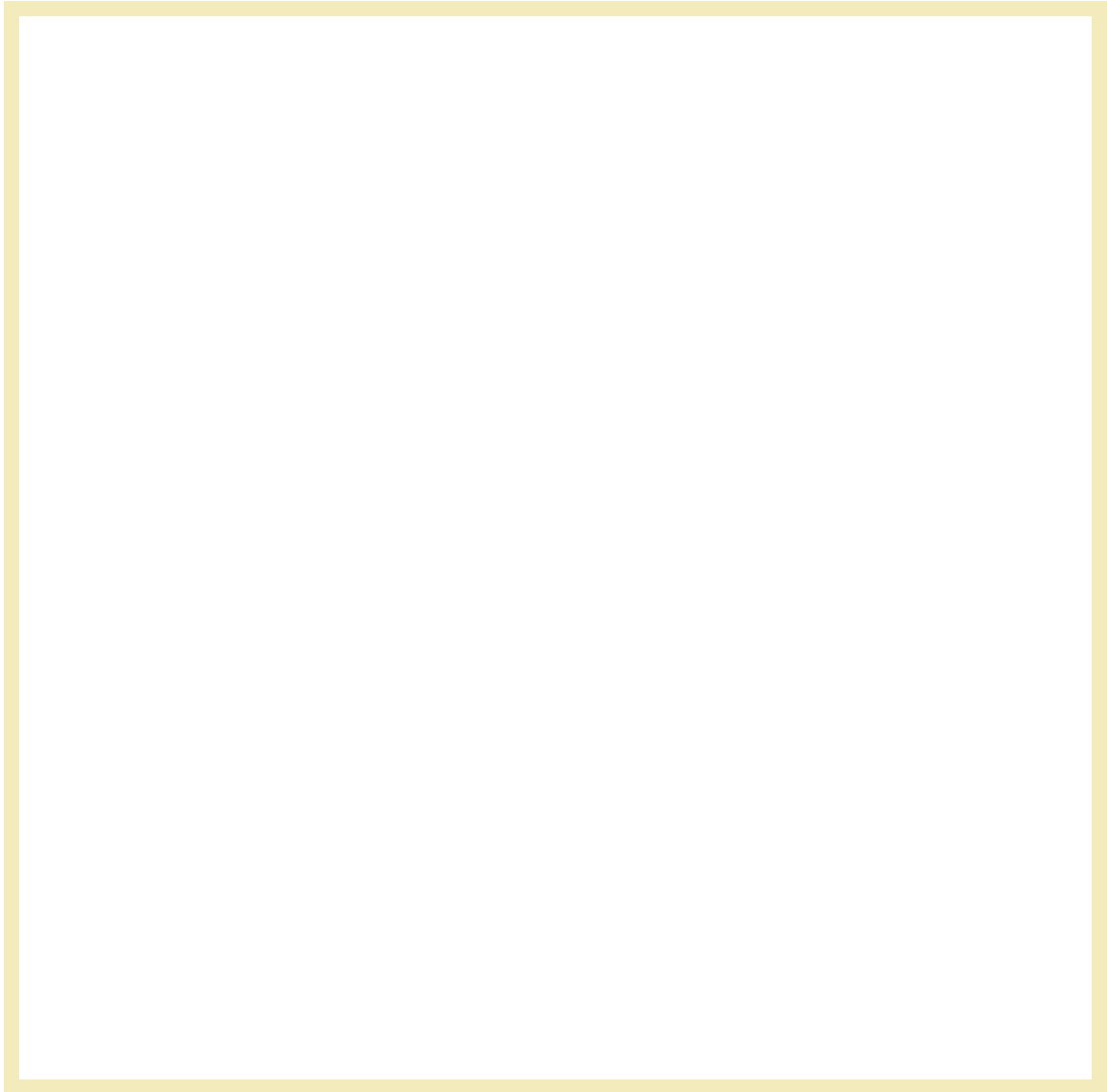
Boreal

ESA CHARACTERISTICS

**Natural Region(s):** Boreal  
**Natural Subregion(s):** Central Mixedwood  
**River Basin(s):** Hay River

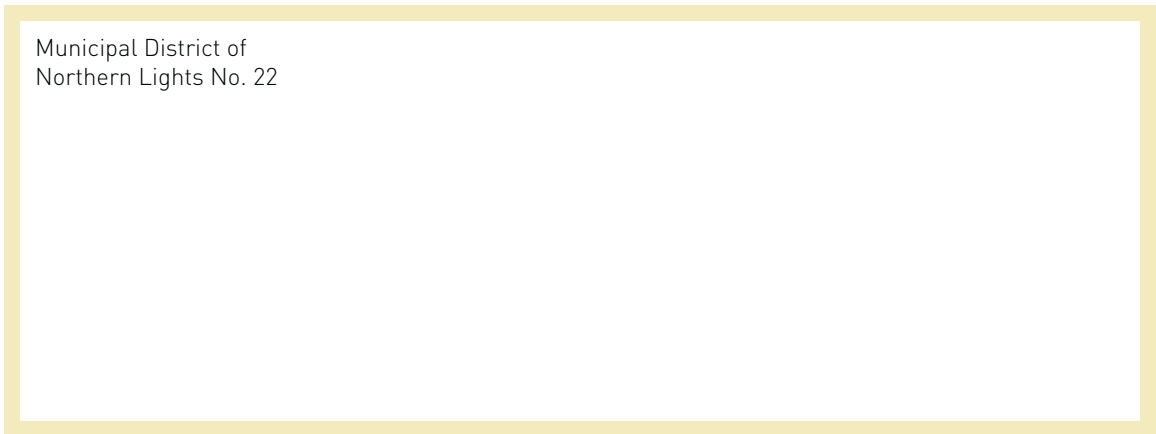
**Area:**  
 1,279.2 hectares  
 12.8 km<sup>2</sup>  
**Density of Human Features:**  
 Well 0.70 heads/km<sup>2</sup>  
 Road 0.32 km/km<sup>2</sup>  
 Pipeline 0.05 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



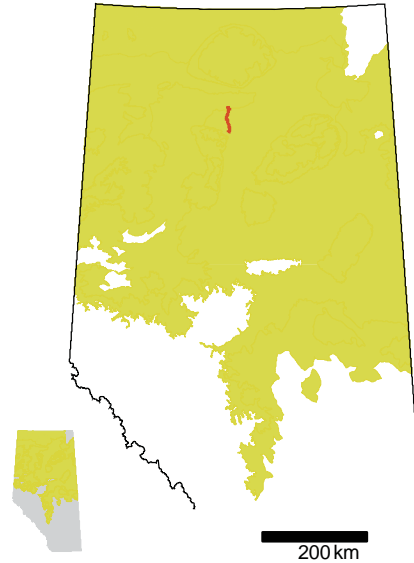
**MUNICIPALITIES**

Municipal District of  
Northern Lights No. 22



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance




Boreal

ESA CHARACTERISTICS

Natural Region(s):	Natural Subregion(s):	River Basin(s):
Boreal	Central Mixedwood Dry Mixedwood	Peace/Slave River


Area:
16,709.0 hectares
167.1 km <sup>2</sup>
Density of Human Features:
Well 0 heads/km <sup>2</sup>
Road 0.01 km/km <sup>2</sup>
Pipeline 0 km/km <sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



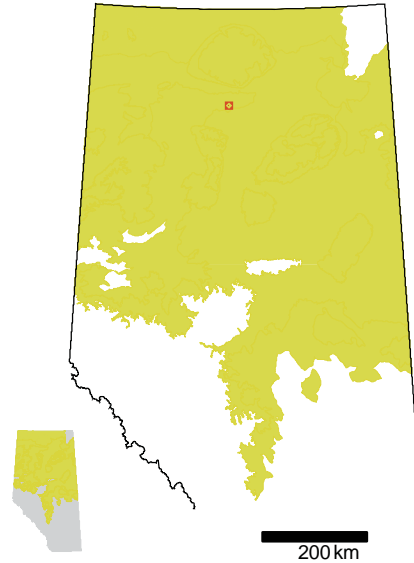
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



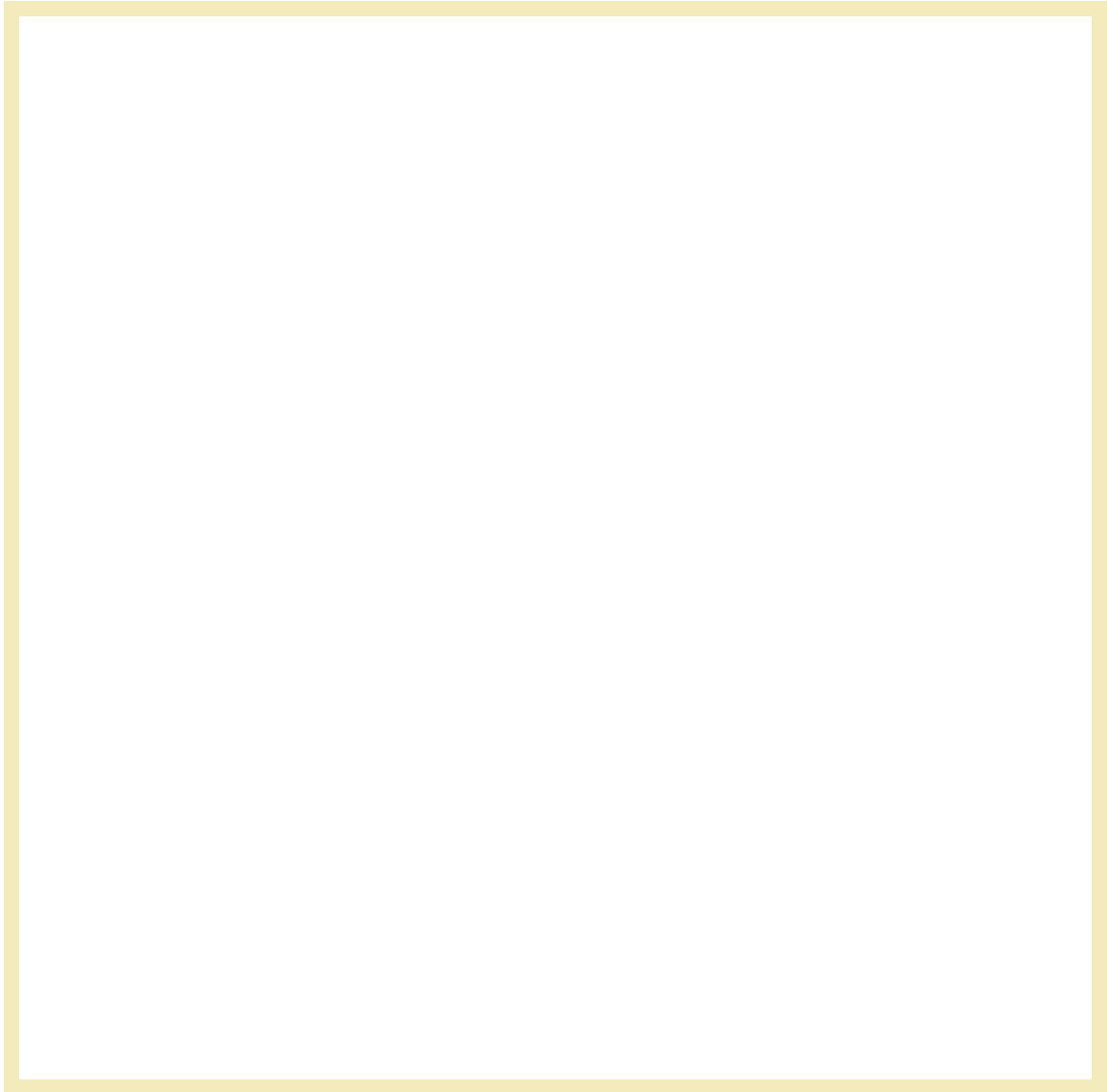
Boreal

ESA CHARACTERISTICS

**Natural Region(s):** Boreal  
**Natural Subregion(s):** Dry Mixedwood  
**River Basin(s):** Peace/Slave River

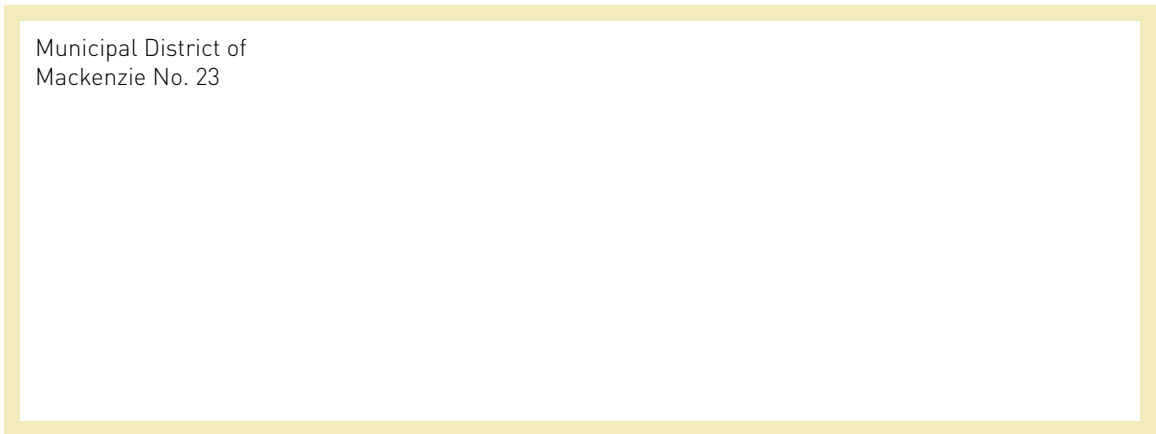
**Area:**  
 131.3 hectares  
 1.3 km<sup>2</sup>  
**Density of Human Features:**  
 Well 0 heads/km<sup>2</sup>  
 Road 0 km/km<sup>2</sup>  
 Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

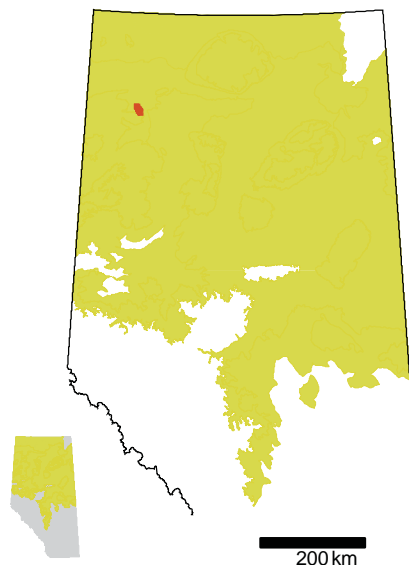
Municipal District of  
Mackenzie No. 23





CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
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  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



Boreal

ESA CHARACTERISTICS

Natural Region(s):

Boreal

Natural Subregion(s):

Central Mixedwood

River Basin(s):

Hay River

Area:

2,976.4 hectares

29.8 km<sup>2</sup>

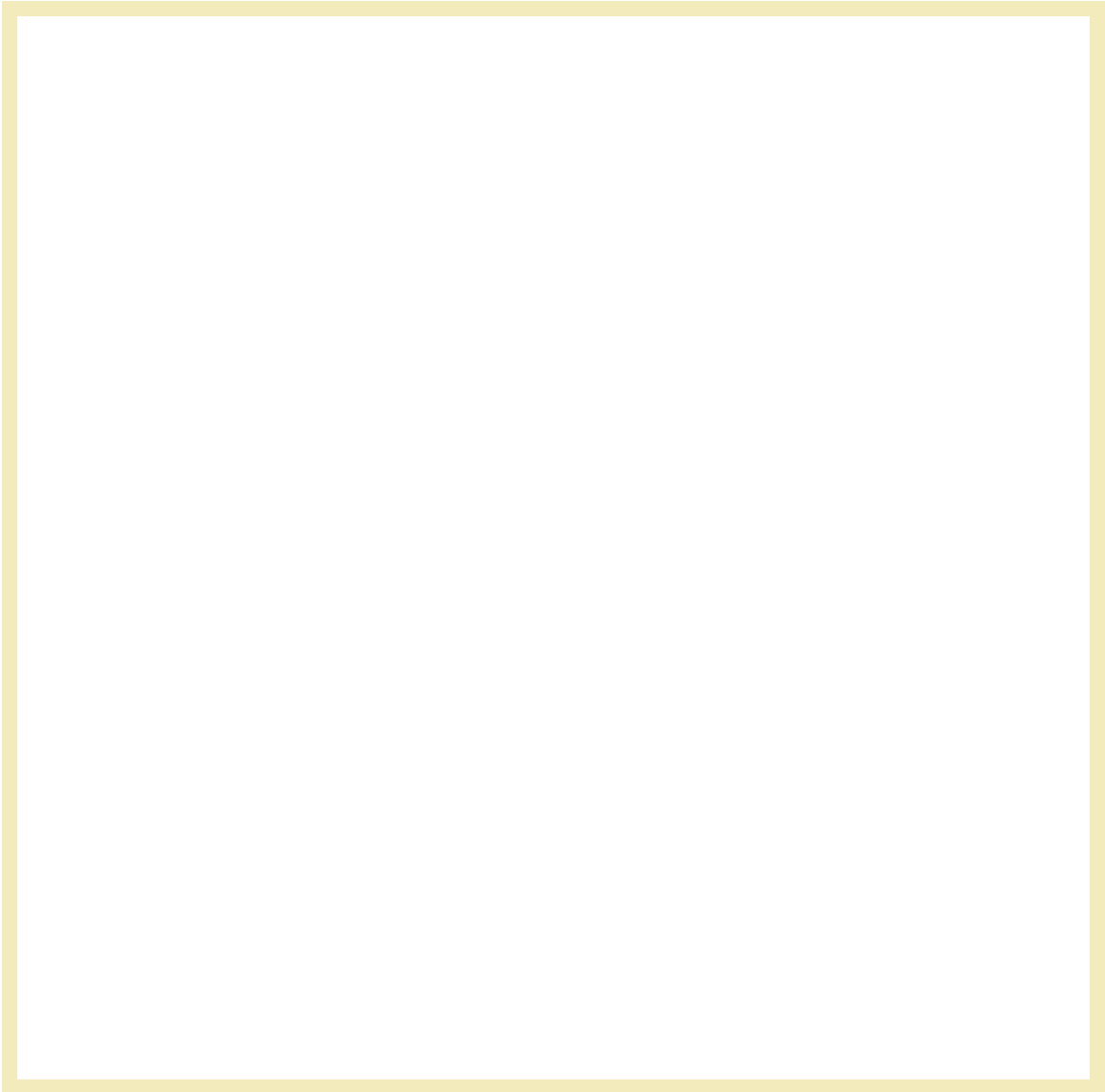
Density of Human Features:

Well 0 heads/km<sup>2</sup>

Road 0.20 km/km<sup>2</sup>

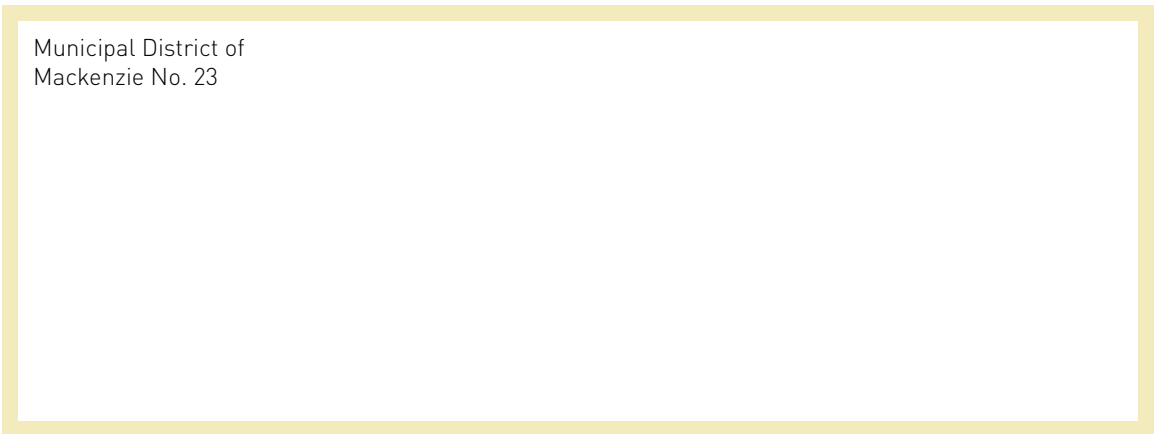
Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



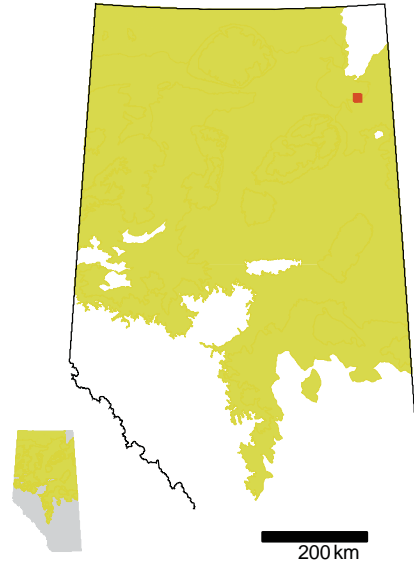
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
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- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Peace-Athabasca  
Delta

## River Basin(s):

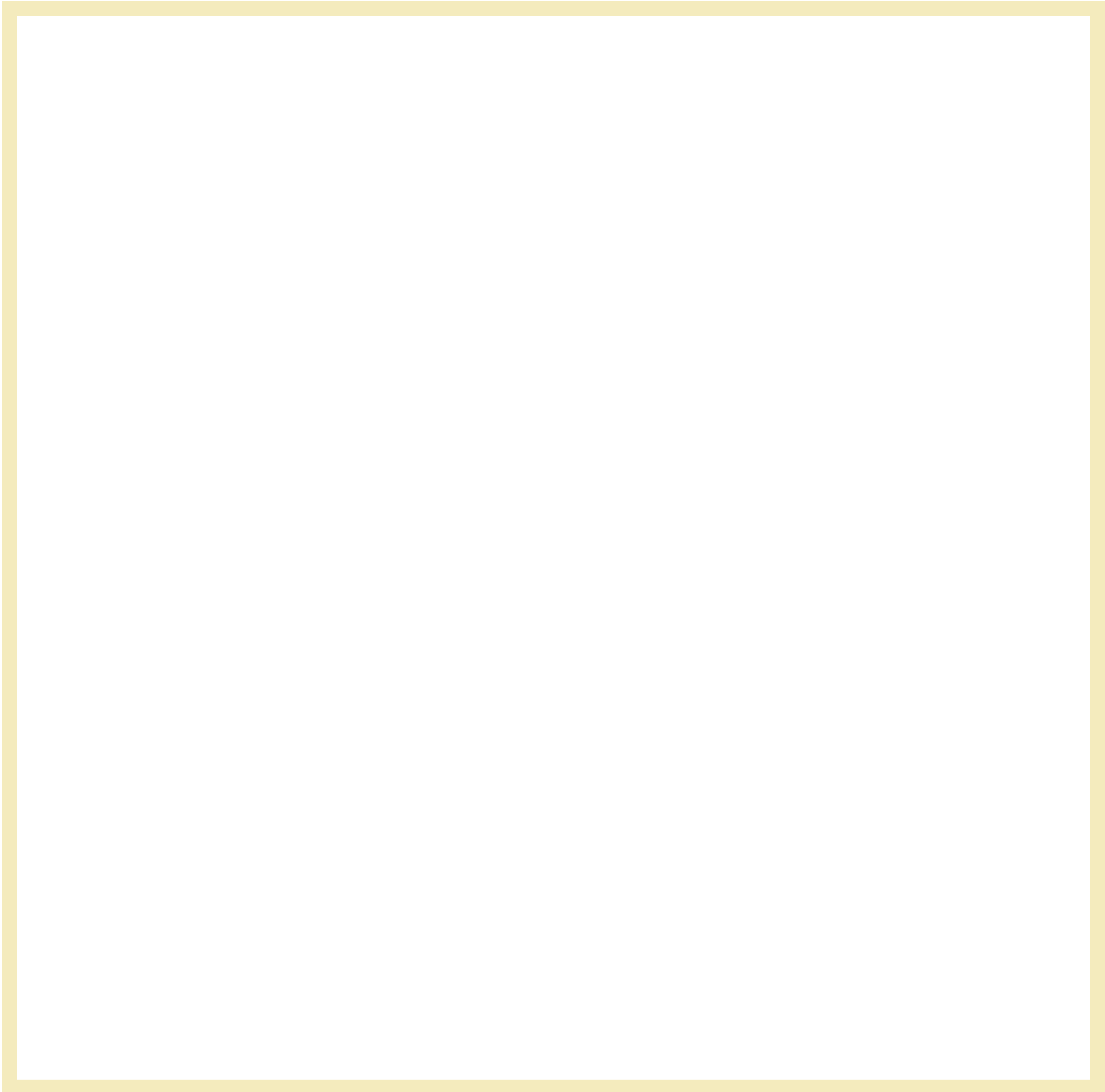
Athabasca River

## Area:

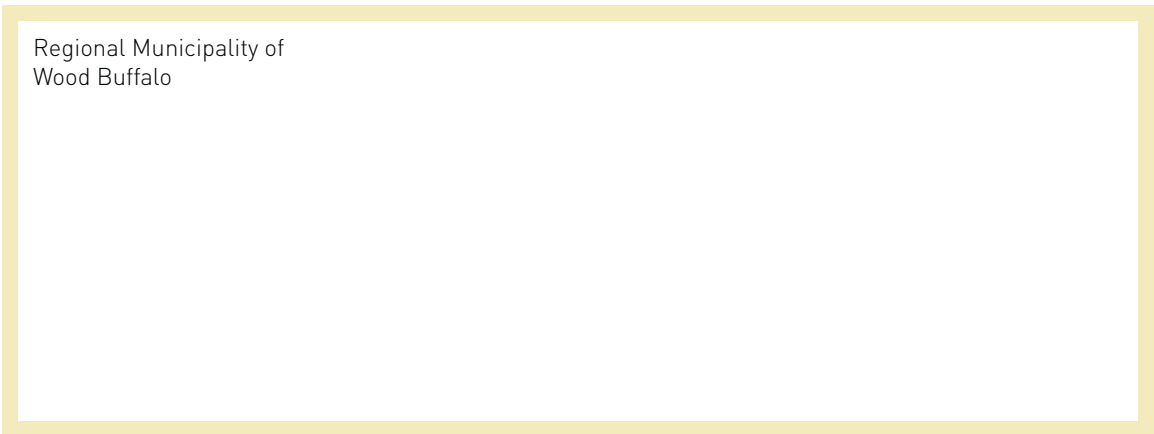
660.7 hectares

6.6 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0.21 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



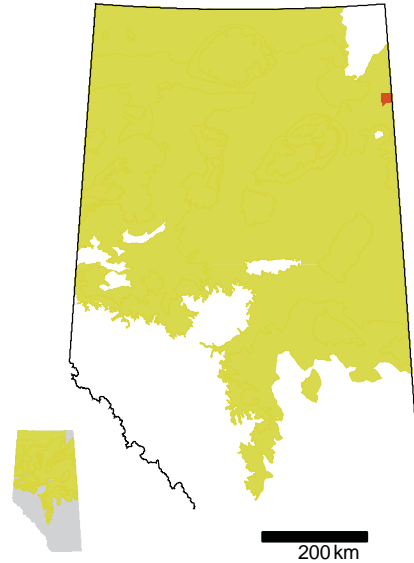
**MUNICIPALITIES**



Regional Municipality of  
Wood Buffalo

## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☒ 2 Contains rare or unique landforms  
Lake Athabasca Area dunes, parabolic dunes
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Athabasca Plain

## River Basin(s):

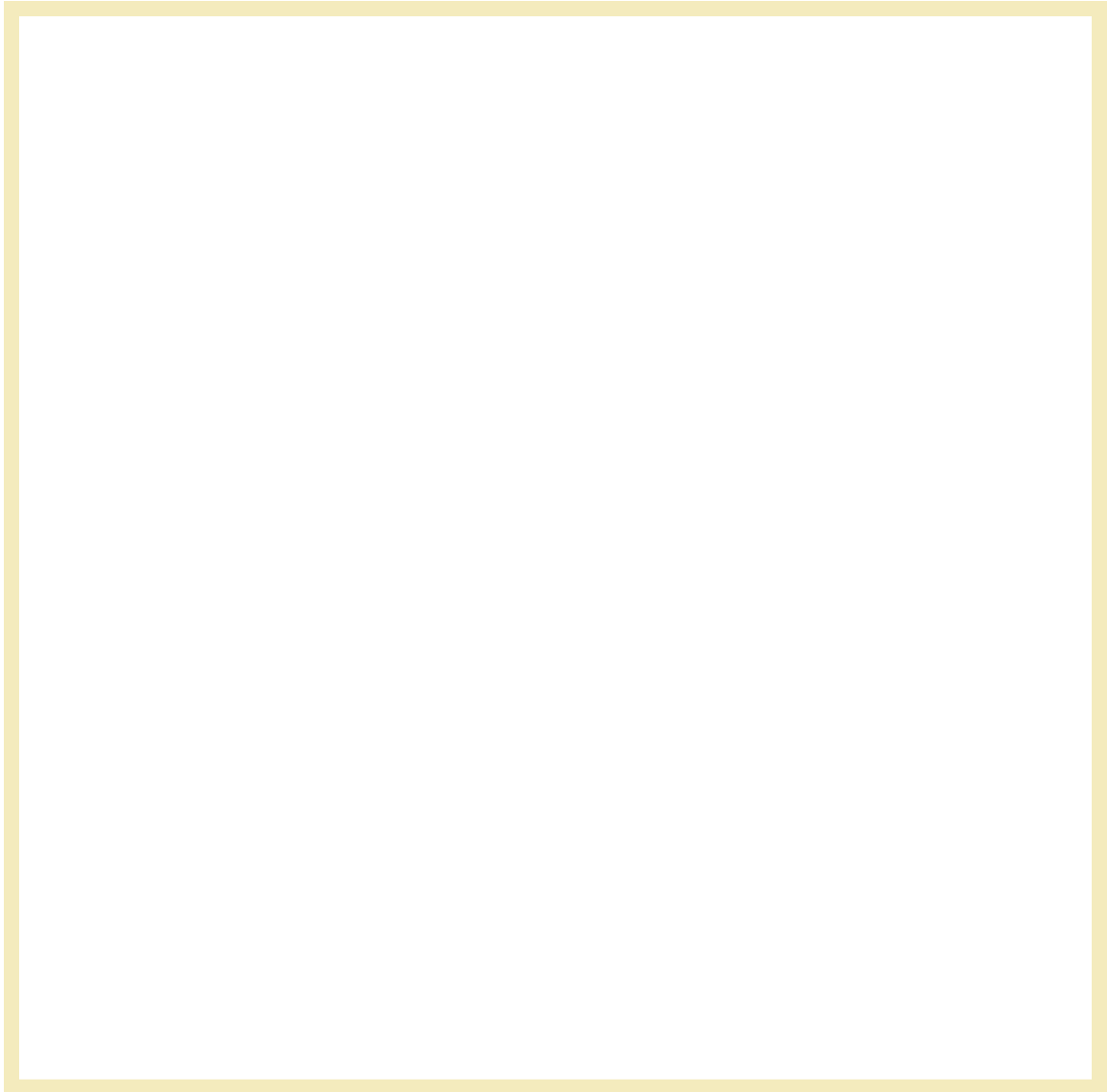
Athabasca River

## Area:

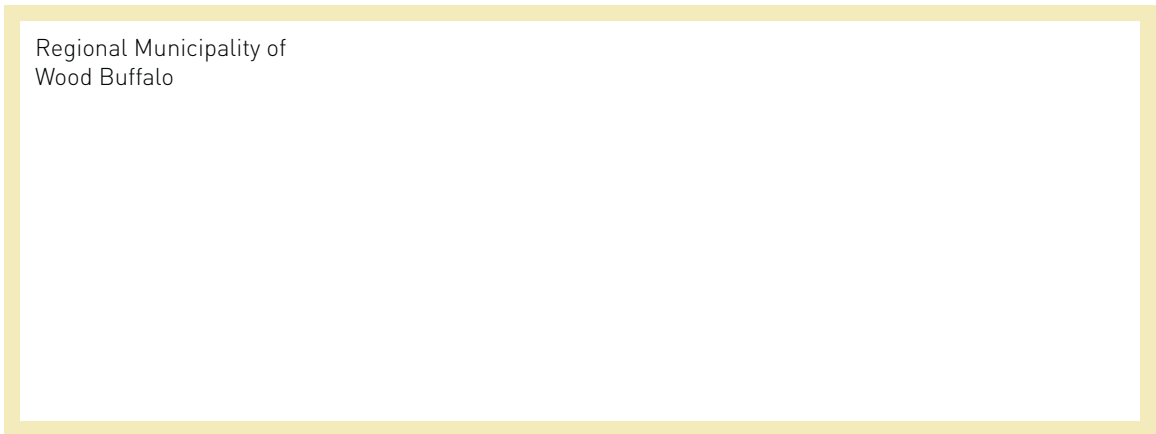
1,587.8 hectares

15.9 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

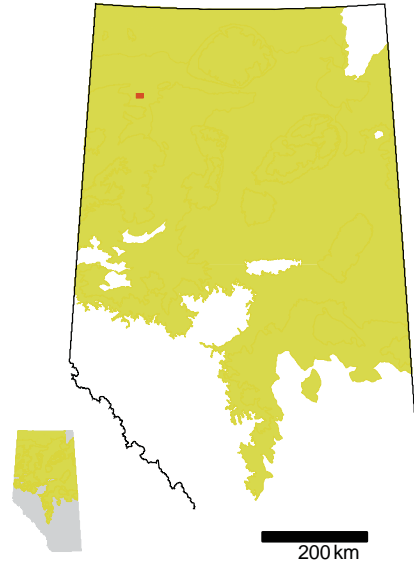


**MUNICIPALITIES**



## CRITERION

- ☐ 1 Contains 0 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☒ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☒ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):


Hay River

## Area:

130.8 hectares


1.3 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

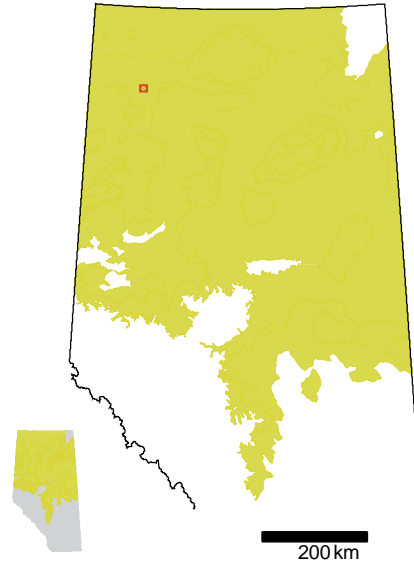
Municipal District of  
Mackenzie No. 23





## CRITERION

- ☒ 1 Contains 1 element(s) of conservation concern
- ☐ 2 Contains rare or unique landforms
- ☐ 3 Contains habitat for focal species
- ☐ 4 Contains important wildlife habitat
- ☐ 5 Contains riparian areas
  - ☐ a Contains headwater streams
  - ☐ b Contains intact riparian areas
  - ☐ c Contains riparian areas along the six major rivers
- ☒ 6 Contains large natural areas
- ☐ 7 Contains sites of recognized significance



## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Hay River

## Area:

194.8 hectares

1.9 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Mosses**

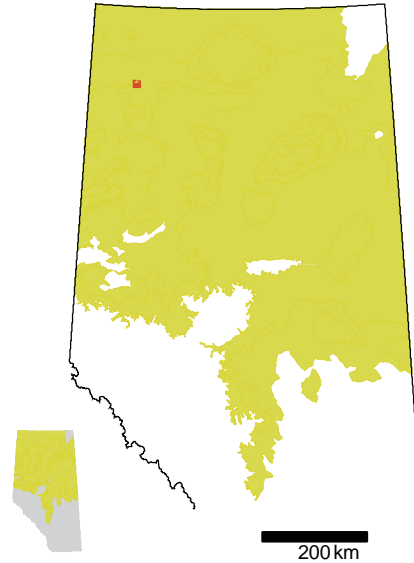
*Campylium radicale*

**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23

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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):


Hay River

## Area:

134.7 hectares


1.3 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



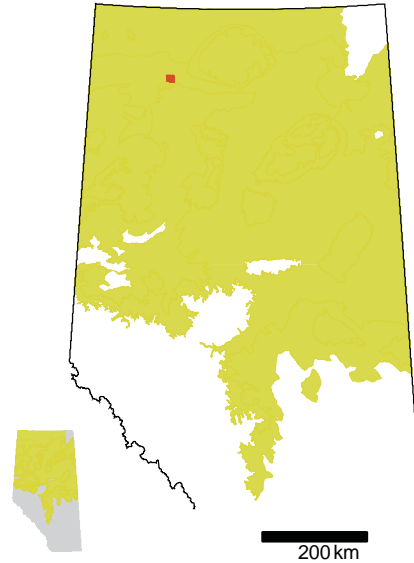
**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23



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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

Hay River

## Area:

858.8 hectares

8.6 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Vascular Plants**

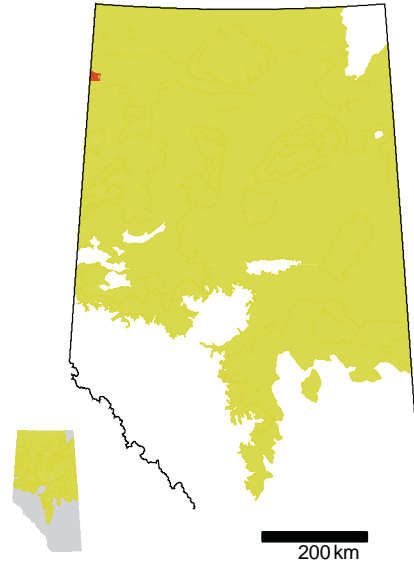
Wavy-leaved chickweed

**MUNICIPALITIES**

Municipal District of  
Mackenzie No. 23

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Boreal

ESA CHARACTERISTICS

**Natural Region(s):** Boreal  
**Natural Subregion(s):** Central Mixedwood  
**River Basin(s):** Hay River

**Area:**  
 4,481.7 hectares  
 44.8 km<sup>2</sup>  
**Density of Human Features:**  
 Well 0.22 heads/km<sup>2</sup>  
 Road 0 km/km<sup>2</sup>  
 Pipeline 0.09 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**

**Birds**

Trumpeter swan

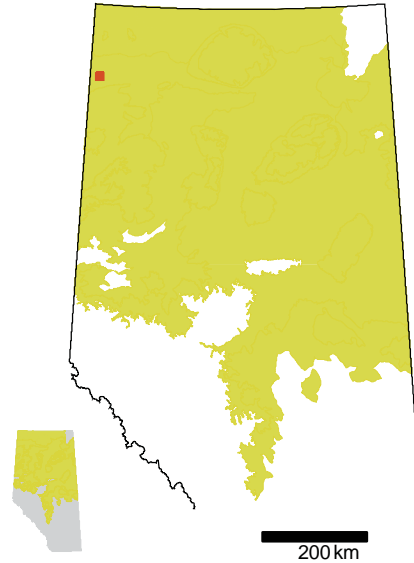
**MUNICIPALITIES**

Municipal District of  
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## Boreal

## ESA CHARACTERISTICS

## Natural Region(s):

Boreal

## Natural Subregion(s):

Central Mixedwood

## River Basin(s):

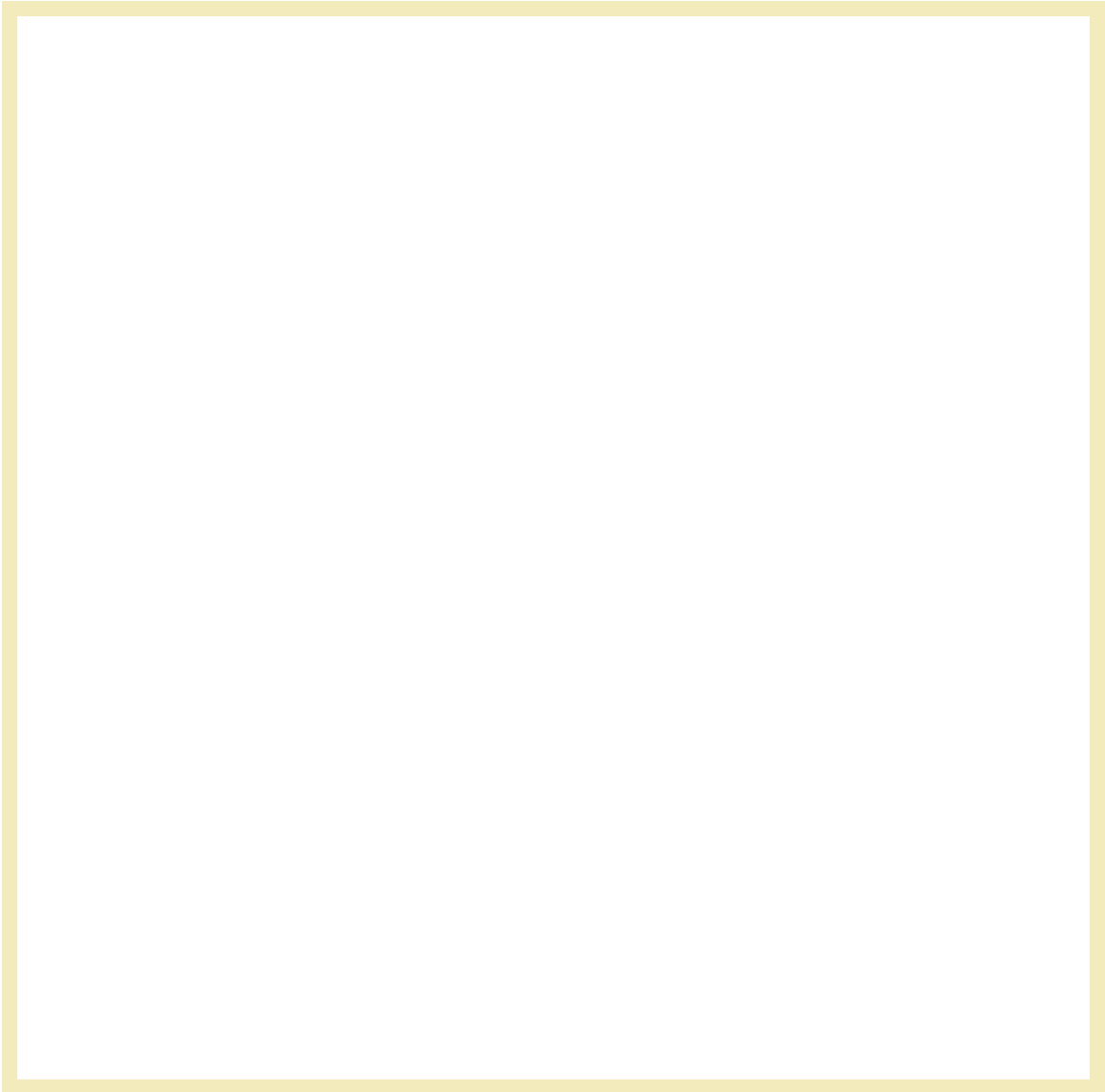
Hay River

## Area:

991.5 hectares

9.9 km<sup>2</sup>Density of  
Human Features:Well 0 heads/km<sup>2</sup>Road 0 km/km<sup>2</sup>Pipeline 0 km/km<sup>2</sup>

**ELEMENTS OF CONSERVATION CONCERN**



**MUNICIPALITIES**

