

# Wood Buffalo National Park

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Wood Buffalo National Park

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Wood Buffalo National Park	59.358 / -112.293	4480000	0	4480000	1983
<b>Total (ha)</b>		<b>4480000</b>	<b>0</b>	<b>4480000</b>	

### 1.4 - Map(s)

Title	Date	Link to source
Wood Buffalo National Park	2007	

### 1.5 - Web and Social Media data of the property (if applicable)

- [Wood Buffalo National Park \(Parks Canada\)](#)
- [World Heritage in Canada \(Parks Canada\)](#)
- [Natural site datasheet from WCMC](#)

### Comment

Website: <https://parks.canada.ca/pn-np/nt/woodbuffalo> Facebook: <https://www.facebook.com/WoodBuffaloNP>

## 2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

### 2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	<b>International Register of Cultural Property under Special Protection</b> (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✘
2.1.2	<b>List of Cultural Property under Enhanced Protection</b> (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✘
2.1.3	<b>The List of Wetlands of International Importance (The Ramsar List)</b> (Convention on Wetlands of International Importance (Ramsar Convention))	✘	
2.1.4	<b>World Network of Biosphere Reserves</b> Man and the Biosphere (MAB) Programme		✘
2.1.5	<b>Global Geoparks Network</b> UNESCO Global Geoparks		✘

### 2.2 - Please provide comments on 2.1 if necessary

Two Ramsar Treaty designations for wetlands of international significance; 1) Most of the Whooping Crane summer range/nesting area lies within Wood Buffalo National Park and 2) Peace Athabasca Delta - the largest boreal delta in the world, important waterfowl nesting and staging areas (breeding ducks, geese and Peregrine Falcon), largest undisturbed grass and sedge meadows in North America.

### 2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

Not applicable

### 2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

**2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?**

No

**2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?**

No

**2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes**

<b>2.7.1</b>	<b>1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✘
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.2</b>	<b>Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✘
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.3</b>	<b>Convention on Wetlands of International Importance (Ramsar Convention)</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	✘
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.4</b>	<b>Man and the Biosphere (MAB) Programme</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✘
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.5</b>	<b>UNESCO Global Geoparks</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✘
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	

**2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)**

**2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?**

No

**2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware**

**2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?**

No

**2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.**

**3. Statement of Outstanding Universal Value**

### 3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

#### Statement of Outstanding Universal Value

##### Brief synthesis

Wood Buffalo National Park is an outstanding example of ongoing ecological and biological processes encompassing some of the largest undisturbed grass and sedge meadows left in North America. It sustains the world's largest herd of wood bison, a threatened species. The park's huge tracts of boreal forest also provide crucial habitat for a diverse range of other species, including the endangered whooping crane. The continued evolution of a large inland delta, salt plains and gypsum karst add to the park's uniqueness.

**Criterion (vii):** The great concentrations of migratory wildlife are of world importance and the rare and superlative natural phenomena include a large inland delta, salt plains and gypsum karst that are equally internationally significant.

**Criterion (ix):** Wood Buffalo National Park is the most ecologically complete and largest example of the entire Great Plains-Boreal grassland ecosystem of North America, the only place where the predator-prey relationship between wolves and wood bison has continued, unbroken, over time.

**Criterion (x):** Wood Buffalo National Park contains the only breeding habitat in the world for the whooping crane, an endangered species brought back from the brink of extinction through careful management of the small number of breeding pairs in the park. The park's size (4.5 million ha), complete ecosystems and protection are essential for *in-situ* conservation of the whooping crane.

##### Integrity

Wood Buffalo National Park straddles the boundary between the province of Alberta and the Northwest Territories, and encompasses 4.5 million hectares of forest, wetland and prairie, including the majority of the Peace-Athabasca Delta. The size of the park allows for the protection of entire ecosystems and the ecosystem features that are the basis for the park's Outstanding Universal Value. The park's size, remoteness, very low human population density and the absence of resource extraction activities minimize human-related stress within the property, resulting in a high level of integrity. Bovine brucellosis and tuberculosis are present within the wood bison population in and around the park. The actual and potential impact on the delta from stressors originating outside the park, such as flow regulation, water withdrawals, industrial discharge and climate change, is monitored by the park and by working in collaboration with a network of partners to monitor and manage impacts from upstream development.

##### Protection and management requirements

The *Canada National Parks Act* provides effective legal protection for the park. Under the requirements of the legislation, a park management plan was approved in June 2010 and provides direction for protecting the features of the park that are the basis for its Outstanding Universal Value, and for providing opportunities for visitors to experience and learn about the park. The park's two largest wetlands (the Peace-Athabasca Delta and the whooping crane nesting area) have also been declared Wetlands of International Importance under the RAMSAR convention.

Park managers work with 11 Aboriginal groups for whom Wood Buffalo National Park is an area of significant cultural value to cooperatively manage the park, as each group carries out traditional harvesting and other cultural activities within the park boundaries. Endangered species and their critical habitat, including the breeding grounds of the whooping crane, are protected under provisions of Canada's *Species at Risk Act*. Park staff also work with Environment Canada, international crane preservation groups and U.S. government agencies to ensure the long term viability of the park's whooping crane flock.

Park staff closely monitors upstream development on the major rivers that flow into the park and work closely with local Aboriginal partners, other government agencies, stakeholders and industry to maintain the ecological integrity of Wood Buffalo National Park. The park management plan commits park managers to developing an Area Management Plan for the Peace-Athabasca Delta to address the challenges of managing the delta's ecological and cultural values in cooperation with partners and stakeholders. The Peace-Athabasca Delta Ecological Monitoring Program, a multi-stakeholder group made up of Aboriginal representatives, government and non-government organizations, is a cornerstone in developing and implementing this plan.

Special attention will be given over the long term to monitoring and taking appropriate actions related to a number of factors in or near the property. Specifically, attention will focus on the actual and potential impacts of upstream development and climate change.

##### Comment

Terminology change needed: Park managers work with 11 Indigenous groups for whom Wood Buffalo National Park...(We do not use the term Aboriginal) Last sentence of Protection and management requirement first paragraph: remove the word "also"

### 3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Karst topography	✘			
3.2.2	Salt Plains	✘			
3.2.3	Whooping crane population	✘			
3.2.4	Migratory wildlife populations	✘			
3.2.5	Peace-Athabasca Delta	✘			
3.2.6					
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					

3.2.13					
3.2.14					
3.2.15					

### 3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

Note: In 2016, a Reactive Monitoring Mission visited the site to assess whether industrial developments outside the park were impacting WBNP's OUV to the point where it should be listed as a WHS in danger. In response to this, the Government of Canada developed an Action plan to address these concerns. The RMM returned in 2022 and determined no endangered listing should be made, and that a future RMM should assess the Action Plan's effectiveness.

## 4. Factors Affecting the Property

### 4.1. Buildings and Development

#### 4.1.1 - Housing

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.1.2 - Commercial development

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.1.3 - Industrial areas

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside, Outside

<input checked="" type="checkbox"/> Relevant	<input type="checkbox"/> Not relevant
--	---------------------------------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

There is very limited infrastructure development in Wood Buffalo National Park, although there is a small footprint of visitor and interpretative infrastructure, including trails and visitor use areas which enhance the visitor experience. There are also some limited facilities related to national park management and operations. This infrastructure has no negative impact on the OUV of the site.

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside

<input checked="" type="checkbox"/> Relevant	<input type="checkbox"/> Not relevant
--	---------------------------------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
Negative							

#### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

There are several roads that provide access to visitors and neighboring local communities throughout the park. These are managed by Parks Canada and do not impact the OUV.

### 4.3. Services Infrastructures

#### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.3.4 - Localised utilities

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.3.5 - Major linear utilities

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Current, Inside, Outside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

**4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively**

There are two small communities located immediately adjacent to the park, Fort Smith (population 2600) and Fort Chipewyan (population 850) with associated services.

**4.4. Pollution**

**4.4.1 - Pollution of marine waters**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.4.2 - Ground water pollution**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.4.3 - Surface water pollution**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.4.4 - Air pollution**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Inside, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.4.5 - Solid waste**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.4.6 - Input of excess energy**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively**

A monitoring program is in place to detect any potential pollution issues in the park.

**4.5. Biological resource use/modification**

**4.5.1 - Fishing/collecting aquatic resources**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside

<input checked="" type="checkbox"/> Relevant	<input type="checkbox"/> Not relevant
--	---------------------------------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

**4.5.2 - Aquaculture**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.5.3 - Land conversion**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.5.5 - Crop production

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside, Outside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.5.9 - Subsistence hunting

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

There is subsistence use by Indigenous peoples throughout the park.

### 4.6. Physical resource extraction

#### 4.6.1 - Mining

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.6.2 - Quarrying

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Current, Inside

✕ Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕			➡	

#### 4.6.3 - Oil and gas

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

✕ Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕		✕		✕		➡	

#### 4.6.4 - Water (extraction)

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

✕ Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕		✕		✕		➡	

#### 4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

There are several small quarries for sourcing gravel for road maintenance in the park. There is oil and gas development south of the park (approx 30 kilometers from the southern boundary), and the Peace River which enters the park from the west is a regulated river system. Monitoring programs are in place and are adapted as needed, to monitor impacts from these external pressures. See the most recent state of conservation reporting for additional details.

### 4.7. Local conditions affecting physical fabric

#### 4.7.1 - Wind

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.7.2 - Relative humidity

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Inside

Relevant	✕ Not relevant
----------	----------------

#### 4.7.3 - Temperature

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

✕ Relevant		Not relevant					
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕		✕			📈



#### 4.7.4 - Radiation/Light

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.7.5 - Dust

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Inside, Outside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
Negative							

#### 4.7.7 - Pests

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

Climate change is impacting and will continue to impact Wood Buffalo National Park. Monitoring programs and restoration efforts take climate change into consideration.

### 4.8. Social/Cultural uses of heritage

#### 4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Current, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Inside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact	Origin	Trend of impact
--	--------	--------	-----------------

Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Current, Outside

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

#### 4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Current, Potential, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Inside

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
Negative							

#### 4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

Indigenous peoples engage in traditional use activities throughout the park. Indigenous knowledge is being used to inform monitoring programs, design restoration projects, and informs park management.

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Inside, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.9.3 - Military training

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.9.4 - War

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.9.5 - Terrorism

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.9.6 - Civil unrest

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

n/a

#### 4.10. Climate change and severe weather events

##### 4.10.1 - Storms

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Inside, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.10.2 - Flooding

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Outside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
Negative							

##### 4.10.3 - Drought

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.10.4 - Desertification

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

##### 4.10.6 - Temperature change

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Potential, Outside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			

##### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively**

A large portion of Wood Buffalo National Park is a delta and experiences periodic floods as part of its natural processes. Climate change is impacting the delta.

**4.11. Sudden ecological or geological events**

**4.11.1 - Volcanic eruption**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.11.2 - Earthquake**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.11.3 - Tsunami/Tidal wave**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.11.4 - Avalanche/Landslide**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.11.5 - Erosion and siltation/Deposition**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.11.6 - Fire (wildfire)**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Negative, Potential, Inside

<input checked="" type="checkbox"/> Relevant	<input type="checkbox"/> Not relevant
--	---------------------------------------

Impact	Impact		Origin		Trend of impact		
	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>

**4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively**

Fire is a natural part of the boreal forest ecosystem in Wood Buffalo National Park. When fires endanger values such as communities, cabins, access routes and/or the threat is managed by Parks Canada. In recent years, the total area burned in the park has been increasing.

**4.12. Invasive/alien species or hyper-abundant species**

**4.12.1 - Translocated species**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.12.2 - Invasive/Alien terrestrial species**

Previous answer Cycle 2 (19/09/2013):

- Relevant, Negative, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

**4.12.3 - Invasive/Alien freshwater species**

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.12.6 - Modified genetic material

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

Monitoring programs are implemented and are being adapted, to monitor impacts to OUV elements over the long term.

### 4.13. Management and institutional factors

#### 4.13.1 - Management system/Management plan

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.13.2 - Legal framework

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.13.3 - Governance

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.13.4 - Management activities

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Potential, Inside

<input checked="" type="checkbox"/> Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
Negative							

#### 4.13.5 - Financial resources

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive ✕	✕		✕				
Negative							

#### 4.13.6 - Human resources

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive ✕	✕		✕				
Negative							

#### 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (19/09/2013):

- Relevant, Positive, Current, Potential, Inside

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive ✕	✕		✕				
Negative							

#### 4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (19/09/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

Wood Buffalo National Park is part of a national system of protected areas across Canada. As such it has stable, long-term funding as well as enhanced funding for specific projects. In recent years both financial and human resources have been significantly increased. Legislation, management planning, and governance arrangements are stable.

#### 4.14. Other factor(s)

##### 4.14.1 - Other factor(s)

n/a

#### 4.15. Factors Summary Table

##### 4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
<b>4.1 Buildings and Development</b>						
4.1.5 Interpretative and visitation facilities						
<b>4.2 Transportation Infrastructure</b>						
4.2.1 Ground transport infrastructure						
<b>4.3 Services Infrastructures</b>						
4.3.5 Major linear utilities						
<b>4.5 Biological resource use/modification</b>						
4.5.1 Fishing/collecting aquatic resources						

4.5.7 Subsistence wild plant collection	+	4		0		→
4.5.9 Subsistence hunting	+	4		0		→
<b>4.6 Physical resource extraction</b>						
4.6.2 Quarrying	-	4		0		→
4.6.3 Oil and gas	-		4		↻	→
4.6.4 Water (extraction)	-		4		↻	→
<b>4.7 Local conditions affecting physical fabric</b>						
4.7.3 Temperature	-	4	4		↻	↗
4.7.6 Water (rain/water table)	+	4	4		↻	↗
<b>4.8 Social/Cultural uses of heritage</b>						
4.8.1 Ritual/Spiritual/Religious and associative uses	+	4		0		→
4.8.3 Indigenous hunting, gathering and collecting	+	4		0		→
4.8.4 Changes in traditional ways of life and knowledge system	-	4	4		↻	→
4.8.6 Impacts of tourism/Visitation/Recreation	+	4	4	0		→
<b>4.10 Climate change and severe weather events</b>						
4.10.2 Flooding	+	4	4		↻	→
4.10.6 Temperature change	-	4	4		↻	↗
<b>4.11 Sudden ecological or geological events</b>						
4.11.6 Fire (wildfire)	-	4		0		↗
<b>4.13 Management and institutional factors</b>						
4.13.1 Management system/Management plan	+	4		0		→
4.13.2 Legal framework	+	4		0		→
4.13.3 Governance	+	4		0		→
4.13.4 Management activities	+	4		0		→

4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
<b>Legend</b>	Current	Potential	Negative	Positive	Inside	Outside

#### 4.16. Assessment of current and potential positive and negative factors

##### 4.16.1 - Assessment of current and potential negative and positive factors





##### 4.1 Buildings and Development

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
<input checked="" type="checkbox"/>	Static
	Increasing

#### 4.2 Transportation Infrastructure



Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure	 		

**Spatial scale - Area affected by the factor**

<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

**Impact - Impact on the attributes**

<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major



**Management response - Capacity of management to respond**

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

**Trend - Development over the last 6 years**

<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

### 4.3 Services Infrastructures

Name	Impact	Origin	Trend
4.3.5 Major linear utilities	  		

**Spatial scale - Area affected by the factor**





<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent

	On-going
<b>Impact - Impact on the attributes</b>	
✘	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
✘	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✘	Static
	Increasing

#### 4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.1 Fishing/collecting aquatic resources	 		

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✘	Localised
	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
✘	Intermittent or sporadic
	Frequent
	On-going
<b>Impact - Impact on the attributes</b>	
✘	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
✘	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing

<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.5.7 Subsistence wild plant collection	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**Spatial scale - Area affected by the factor**

<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

**Impact - Impact on the attributes**

<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

**Management response - Capacity of management to respond**

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

**Trend - Development over the last 6 years**

<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.5.9 Subsistence hunting	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**Spatial scale - Area affected by the factor**

<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input checked="" type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic

<input checked="" type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
<b>Impact - Impact on the attributes</b>	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

#### 4.6 Physical resource extraction

Name	Impact	Origin	Trend
4.6.2 Quarrying	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Spatial scale - Area affected by the factor</b>	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
<b>Impact - Impact on the attributes</b>	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	

	Decreasing
✘	Static
	Increasing

Name	Impact	Origin	Trend
4.6.3 Oil and gas			

**Spatial scale - Area affected by the factor**

✘	Restricted
	Localised
	Extensive
	Widespread

**Temporal scale - Occurrence of the impact**

	One off or rare
	Intermittent or sporadic
	Frequent
✘	On-going

**Impact - Impact on the attributes**

	Insignificant
	Minor
✘	Significant
	Major

**Management response - Capacity of management to respond**

✘	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

**Trend - Development over the last 6 years**

	Decreasing
✘	Static
	Increasing

Name	Impact	Origin	Trend
4.6.4 Water (extraction)			

**Spatial scale - Area affected by the factor**






	Restricted
✘	Localised
	Extensive
	Widespread

**Temporal scale - Occurrence of the impact**

	One off or rare
--	-----------------






	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going
<b>Impact - Impact on the attributes</b>	
<input checked="" type="checkbox"/>	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
<input checked="" type="checkbox"/>	Static
	Increasing

#### 4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.3 Temperature			
			
			

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
<input checked="" type="checkbox"/>	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
<input checked="" type="checkbox"/>	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.7.6 Water (rain/water table)	  		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread





Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input checked="" type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

#### 4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.1 Ritual/Spiritual/Religious and associative uses	 		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

**Impact - Impact on the attributes**





<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

**Management response - Capacity of management to respond**

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

**Trend - Development over the last 6 years**

<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.8.3 Indigenous hunting, gathering and collecting	 		

**Spatial scale - Area affected by the factor**

<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input checked="" type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

**Impact - Impact on the attributes**



<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

**Management response - Capacity of management to respond**

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity



	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✘	Static
	Increasing

Name	Impact	Origin	Trend
4.8.4 Changes in traditional ways of life and knowledge system			
	  	 	






Spatial scale - Area affected by the factor	
✘	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✘	On-going

Impact - Impact on the attributes	
✘	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✘	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources





Trend - Development over the last 6 years	
	Decreasing
✘	Static
	Increasing

Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	  	 	

Spatial scale - Area affected by the factor	
✘	Restricted
	Localised
	Extensive
	Widespread




Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

#### 4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.2 Flooding	  		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input checked="" type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input checked="" type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity

	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.10.6 Temperature change			
	  	 	

**Spatial scale - Area affected by the factor**

	Restricted
	Localised
	Extensive
<input checked="" type="checkbox"/>	Widespread

**Temporal scale - Occurrence of the impact**

	One off or rare
	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going

**Impact - Impact on the attributes**

	Insignificant
	Minor
<input checked="" type="checkbox"/>	Significant
	Major





**Management response - Capacity of management to respond**

<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

**Trend - Development over the last 6 years**

	Decreasing
	Static
<input checked="" type="checkbox"/>	Increasing

**4.11 Sudden ecological or geological events**





Name	Impact	Origin	Trend
4.11.6 Fire (wildfire)			
	 	 	

**Spatial scale - Area affected by the factor**

	Restricted
	Localised





<input checked="" type="checkbox"/>	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
<input checked="" type="checkbox"/>	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
<input checked="" type="checkbox"/>	Static
	Increasing

#### 4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	 		

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
<input checked="" type="checkbox"/>	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going
<b>Impact - Impact on the attributes</b>	
<input checked="" type="checkbox"/>	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	

<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
<input checked="" type="checkbox"/>	Static
	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	 		



<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
<input checked="" type="checkbox"/>	Widespread

<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
<input checked="" type="checkbox"/>	On-going

<b>Impact - Impact on the attributes</b>	
<input checked="" type="checkbox"/>	Insignificant
	Minor
	Significant
	Major





<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

<b>Trend - Development over the last 6 years</b>	
	Decreasing
<input checked="" type="checkbox"/>	Static
	Increasing

Name	Impact	Origin	Trend
4.13.3 Governance	 		





<b>Spatial scale - Area affected by the factor</b>	
	Restricted

	Localised
	Extensive
X	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
X	On-going
<b>Impact - Impact on the attributes</b>	
X	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
X	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
X	Static
	Increasing

Name	Impact	Origin	Trend
4.13.4 Management activities	 		

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
X	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
X	On-going
<b>Impact - Impact on the attributes</b>	
X	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.13.5 Financial resources	 		





<b>Spatial scale - Area affected by the factor</b>	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input checked="" type="checkbox"/>	Widespread

<b>Temporal scale - Occurrence of the impact</b>	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

<b>Impact - Impact on the attributes</b>	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major




<b>Management response - Capacity of management to respond</b>	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

<b>Trend - Development over the last 6 years</b>	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.13.6 Human resources	 		

<b>Spatial scale - Area affected by the factor</b>	
<input type="checkbox"/>	Restricted

	Localised
	Extensive
X	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
X	On-going
<b>Impact - Impact on the attributes</b>	
X	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
X	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
X	Increasing

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	 		

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
X	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
X	On-going
<b>Impact - Impact on the attributes</b>	
X	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	



<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

4.17. Serial inscriptions (national or transnational)

**4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor**

n/a

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

**4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)**

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Karst Topography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.2	Salt Plains	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.3	Migratory Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.4	Whooping Crane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.5	Peace Athabasca Delta	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

**5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?**

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

**5.1.2 - Are the boundaries of the World Heritage property known and recognised?**

The boundaries **are known by both** the management authority and local communities/landowners

**5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?**

The property has **no buffer zone** and **does not need one**

**5.1.4 - Are the boundaries of the buffer zones known and recognised?**

The property has **no known and recognised** buffer zone

**5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property**

There are existing and expanding protected areas adjacent to Wood Buffalo National Park which are administered by sub-national governments. These have not been designated as a buffer zone through World Heritage processes.

5.2. Protective Measures

**5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).**

Wood Buffalo National Park is protected and managed under the authority of the Canada National Parks Act, the Parks Canada Agency Act, the Wood Buffalo National Park Game Regulations and the Parks Canada Guiding Principles and Operational Policies. These acts and policies are the ongoing tools for conservation management in the park.

Wood Buffalo National Park was created in 1922. The park was expanded south of the Peace River in 1926 to accommodate the migration of the bison south of the Peace River into the delta which is a savanna like area.

The Canada National Parks Act and Regulations (2000) requires that "maintenance or restoration of ecological integrity, through the protection of natural resources and natural processes, shall be the first priority of the Minister when considering all aspects of the management of parks." The Parks Canada Agency Act (1998), established an Agency "for the purpose of ensuring that Canada's national parks, national historic sites and related heritage areas are protected and represented for this and future generations and in order to further achievement of the national interest as it related to those parks, sites and heritage areas and related programs." Park's Canada Guiding Principles and Operational Policies

Wood Buffalo National Park Game Regulations (1978)

Canada Fisheries Act (1985)

Migratory Birds and Conservation Act (1994)

Species At Risk Act (2002).

Source: Periodic Reporting, Cycle 1, 2004

### Comment

Wood Buffalo National Park is protected and managed under the authority of the Canada National Parks Act (2000) and the Parks Canada Agency Act (1998). Additional acts which support the protection of the park include the Species-at-Risk Act (2002), the Fisheries Act (1985), the Impact Assessment Act (2019), and the Migratory Birds Convention Act (1984).

#### 5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

see above /

#### 5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

#### 5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The property has **no buffer zone**

#### 5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis for** effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

#### 5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

#### 5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

See Wood Buffalo National Park Management Plan 2010.

#### 5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

Wood Buffalo National Park has an Action Plan which was developed in 2019 arising from a reactive monitoring mission. Current efforts are focused on its implementation.

### 5.3. Management System/Management Plan

#### 5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system at national level

If 'Other', please specify

#### 5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

A statutory Management Plan or zoning plan for the property.

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management

Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups

An integrated management plan combining World Heritage and any other designations

A management plan

An annual work plan or business plan

A visitor/visitation management plan


An environmental management framework

#### 5.3.3 - Please give a brief description of the management system currently in place at your property

The Wood Buffalo Management Plan (2010) is the guiding document for park management. It is available here:

<https://parks.canada.ca/pn-np/nt/woodbuffalo/info/plan/plan1>

#### 5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Wood Buffalo National Park Management Plan	N/A	Available	1985	

**Comment**

Wood Buffalo National Park Management Plan 2010

**5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?**

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

**5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.**

n/a

**5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?**

**No use** has been made of the World Heritage Policy for Climate Change

**5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:**

n/a

**5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?**

**No use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

**5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done**

n/a

**5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property**

There is **adequate coordination** between all bodies/levels involved in the management of the property

**5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?**

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

**5.3.13 - Is the management system being implemented?**

The management system is being **fully implemented and monitored**

**5.3.14 - Is there an annual work/action plan and is it being implemented?**

An annual work/action plan **exists and all of its activities are being implemented and monitored**

**5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?**

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities				x	
5.3.15.2	Local authorities				x	
5.3.15.3	Landowners in the property and the buffer zone				x	
5.3.15.4	Indigenous peoples					x
5.3.15.5	Women				x	
5.3.15.6	Other specific groups					x
	If you selected, 'Other specific groups' please specify					

**5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups**

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					x
5.3.16.2	Local/Municipal authorities					x
5.3.16.3	Indigenous peoples					x
5.3.16.4	Landowners					x
5.3.16.5	Women					x

5.3.16.6	Youth/Children									X
5.3.16.7	Researchers									X
5.3.16.8	Local Visitors/Tourists									X
5.3.16.9	National/International tourists									X
5.3.16.10	Tourism Industry									X
5.3.16.11	Local businesses and industries									X
5.3.16.12	NGOs									X
5.3.16.13	Other specific groups									X
	If you selected 'Other specific groups', please specify									

**5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the World Heritage Convention**

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality					X
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)					X
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status				X	
5.3.17.4	The management system of the property integrates a human rights-based approach				X	
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood				X	
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property				X	

**5.3.18 - Please provide further details on the ratings of the management system given in the table above**

n/a

**5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan**

n/a

**6. Financial and Human Resources**

**6.1. Funding**

**6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.**

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	100 %	100 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

**6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above**

**6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?**

The available budget is **adequate** for effective management of the World Heritage property

**6.1.4 - Are the existing sources of funding secure and likely to remain so?**

The existing sources of funding are **secure over the medium-term** and **planning is underway to secure funding over the long-term**

**6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure**

**6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.**

		From local communities %	From elsewhere %
6.1.6.1	Men	50 %	50 %
6.1.6.2	Women	50 %	50 %
		Total 100 %	Total 100 %

**6.1.7 - Are available human resources adequate to manage the World Heritage property?**

Human resources are **adequate** for management needs

**6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines**

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

**6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines**

Conservation	Fair
Environmental sustainability	Good
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Good
Research and monitoring	Good
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Good
Enforcement (custodians, police)	Good

**6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?**

No use has been made of the World Heritage Strategy for Capacity Building

**6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.**

**6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?**

A site-based capacity building plan or programme is in place and fully implemented; all technical skills are being transferred to those managing the property locally

**6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training**

**7. Scientific Studies and Research Projects**

**7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values and attributes of the World Heritage property is acceptable for most key areas but there are gaps

**7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?**

There is a comprehensive, integrated programme of research, which is relevant to management needs and/or improving understanding of Outstanding Universal Value

**7.3 - Are results from research programmes publicly available and disseminated?**

Research results are shared with local communities and some national agencies

**7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects**

**8. Education, Information and Awareness Building**

**8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups**

Local communities	Fair
Local/municipal authorities	Good
Indigenous peoples	Good
Landowners	Fair
Women	Fair
Youth/children	Fair
Researchers	Good
Local visitors	Good
National/international tourists	Good
Tourism industry	Good
Local businesses and industries	Fair
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

**8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?**

There is a planned and effective education and awareness programme for children and youth that contributes to the protection of the World Heritage property

**8.3 - Who are the target audiences for education and awareness programmes at your property?**

Local communities
Local/municipal authorities
Indigenous peoples
Women
Youth/children
Researchers

Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

**8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building**

Visitor centre	Good
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Fair
Other	Good
If 'Other' is selected, please specify	

**8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building**

9. Visitor Management

**9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report**

5,000 / 5,000 / 5,000 / 5,000 / 5,000 /

**9.2 - What information sources are used to collect visitor statistics?**

Visitor surveys

**9.3 - What is the average length stay of a visitor to the World Heritage property?**

More than four overnight stays

**9.4 - Please provide the source of information**

From Parks Canada visitor surveys.

**9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)**

n/a / n/a / n/a / n/a / n/a / n/a /

**9.6 - Please provide the source of information**

This information is not available.

**9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?**

There is a planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

**9.8 - Please provide any comments relating to the answer provided above in question 9.7**

**9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?**

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

**9.10 - Is the effectiveness of tourism management regularly monitored?**

Yes, using a different system

If a different system, please specify

Parks Canada system

**9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?**

There is **good cooperation** between those responsible for the World Heritage property and the tourism industry **to present the Outstanding Universal Value and increase appreciation**

**9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?**

The Outstanding Universal Value of the property is adequately presented and interpreted

**9.13 - At how many locations is the World Heritage emblem displayed at the property?**

In many locations and easily visible to visitors

**9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?**

Fees are collected and make a substantial contribution to the management of the World Heritage property

**9.15 - Are there locally driven sustainable tourism initiatives?**

Yes

If 'Yes', please specify

**9.16 - Are the benefits of tourism shared with local communities?**

Yes

If 'Yes', please specify

**9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property**

Visitation to Wood Buffalo National Park is consistently low and stable.

10. Monitoring

**10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?**

There is a comprehensive, integrated programme of monitoring, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

**10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?**

Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved

**10.3 - Are key indicators defined and in place for the following principal aspects of the property?**

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation			x	
10.3.2	Effectiveness of the management system			x	
10.3.3	Character of governance	x			
10.3.4	Appropriate synergy with other conservation designations	x			
10.3.5	Contribution to sustainable development	x			
10.3.6	Capacity development	x			

**10.4 - Please provide information on relevant key indicators adopted at the property**

**10.5 - Please rate the level of involvement in monitoring of the following groups:**

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Fair
Local communities	Fair
Indigenous peoples	Good
Landowners	Fair
Women	Good
Researchers	Good
Tourism industry	Good
Local businesses and industry	Good
NGOs	Good
Other specific groups	Good
If you selected 'Other specific groups', please specify	



**10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?**

Implementation is underway

**10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.**

See recent State of Conservation reporting.

**10.8 - Comments, conclusions and/or recommendations related to Monitoring**

**11. Identification of Priority Management Needs**

**11.1 - Identification of Priority Management Needs**

<b>5.1</b>	<b>Boundaries and Buffer Zones</b>	
5.1.3	The property has <b>no buffer zone</b>	
5.1.4	The property has <b>no known and recognised buffer zone</b>	X
<b>5.2</b>	<b>Protective Measures</b>	
5.2.4	The property has <b>no buffer zone</b>	X
<b>5.3</b>	<b>Management System/Management Plan</b>	
5.3.7	<b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	X
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	X
<b>6.1</b>	<b>Funding</b>	
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	X
<b>10</b>	<b>Monitoring</b>	
10.2	Information on the values of the World Heritage <b>property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved</b>	X

Please select 1 more issues.

Please save this question to reflect changes

**12. Summary and Conclusions**

**12.1. Summary - Factors affecting the Property**

**12.1.1 - Summary - Factors affecting the Property**

<b>4.3</b>	<b>Services Infrastructures</b>						
<b>4.3.5</b>	Major linear utilities	None of the criteria or attributes of OUV are affected by linear utilities.	There are two communities adjacent to the park and there is service infrastructure to support them, i.e. roads.	A monitoring program is in place, and is adapted as needed.	on-going	Parks Canada	n/a
<b>4.6</b>	<b>Physical resource extraction</b>						
<b>4.6.2</b>	Quarrying	There are gravel pits within the park for maintaining roads.	Gravel pits in the park are used for road maintenance.	on-going	on-going	Parks Canada	n/a
<b>4.6.3</b>	Oil and gas	Peace Athabasca Delta	Oil and gas activity occurs in the mineable oil sands region which is located approximately 30 kilometers to the south of the park.	A variety of monitoring programs are in place to detect any impacts of oil and gas activity south of the park. This includes the Oil Sands Monitoring program.	on-going	Parks Canada, Environment and Climate Change Canada, Alberta Environment and Parks	n/a
<b>4.6.4</b>	Water (extraction)	Peace Athabasca Delta	Peace River (a regulated river) and the Athabasca River intersect at the Peace Athabasca Delta in the park.	Monitoring is in place for the Peace Athabasca Delta, and is being adapted to include both scientific and Indigenous Knowledge indicators	on-going	Parks Canada Agency	n/a
<b>4.7</b>	<b>Local conditions affecting physical fabric</b>						

4.7.3	Temperature	All	Climate change is impacting the park, and will continue to. Monitoring programs and restoration projects are informed by climate change knowledge. An adaptive management approach is in place.	on-going	on-going	Parks Canada	n/a
4.8	<b>Social/Cultural uses of heritage</b>						
4.8.4	Changes in traditional ways of life and knowledge system	unknown	Traditional ways of life are practiced by Indigenous peoples in the park.	Monitoring programs are developed using science and Indigenous knowledge.	on-going	Parks Canada	n/a
4.10	<b>Climate change and severe weather events</b>						
4.10.6	Temperature change	All	Climate change is impacting the park, and will continue to. Monitoring programs and restoration projects are informed by climate change knowledge. An adaptive management approach is in place.	Monitoring programs including monitoring of impacts of a changing climate.	on-going	Parks Canada Agency	n/a
4.11	<b>Sudden ecological or geological events</b>						
4.11.6	Fire (wildfire)	unknown	Fire management is a key focus of park management.	Monitoring program is in place.	on-going	Parks Canada Agency	n/a

Summary - Factors affecting the Property **completed**

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

5.1	<b>Boundaries and Buffer Zones</b>						
		<b>Actions</b>	<b>Timeframe</b>	<b>Lead agency (and others involved)</b>		<b>More info / comment</b>	
5.1.4	The property has <b>no known and recognised buffer zone</b>	There was no buffer zone formally identified when the site was inscribed. Today there is a network of existing and expanding protected areas managed by sub-national governments along the boundaries of the park. This supports enhanced connectivity.	n/a	n/a		n/a	
5.2	<b>Protective Measures</b>						
5.2.4	The property has <b>no buffer zone</b>	There was no buffer zone formally identified when the site was inscribed. Today there is a network of existing and expanding protected areas managed by sub-national governments along the boundaries of the park. This supports enhanced connectivity.		n/a	n/a	n/a	
5.3	<b>Management System/Management Plan</b>						
5.3.7	<b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	No use has been made of this document. Parks Canada has its own climate change monitoring and adaption guidance for national parks, including Wood Buffalo National Park.	n/a	Parks Canada		n/a	
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	No use has been made of this document.	n/a	n/a		n/a	

6.1		Funding			
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	No use has been made of this document.	n/a	n/a	n/a
10		Monitoring			
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	The monitoring program is in place and continues to be adapted as required. It is being revised currently so that it is more appropriately tailored to OUV attributes, and includes both science and Indigenous Knowledge.	Monitoring program will be fully operational by 2026	Parks Canada Agency	n/a

Summary - Management Needs completed

### 12.3. Conclusions on the State of Conservation of the Property

#### 12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

#### 12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

#### 12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value **has been impacted by factors described in this report, but this situation is being addressed through effective management actions.**

#### 12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

#### 12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

n/a

### 13. Impact of World Heritage Status

#### 13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Positive
Research and monitoring	No impact
Management effectiveness	No impact
Quality of life for local communities and indigenous peoples	Negative
Recognition	Positive
Education	No impact
Infrastructure development	No impact
Funding for the property	No impact
International cooperation	No impact
Political support for conservation	No impact
Legal/Policy framework	No impact
Advocacy	No impact

Institutional coordination	No impact
Security	No impact
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	No impact
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	No impact
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	No impact
Other	Not applicable
If 'Other', please specify	

**13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts**

n/a

**14. Good Practice in the Implementation of the World Heritage Convention**

**14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level**

n/a

**14.2 - Define which topics are covered by this example of best practice at the property level**

**15. Assessment of the Periodic Reporting Exercise**

**15.1. Relevance of Periodic Reporting**

**15.1.1 - Has the Periodic Reporting process improved the understanding of the following?**

Monitoring and reporting

**15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities**

State Party	Good
Site Managers	Good
UNESCO World Heritage Centre	Good
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Good

**15.2. Use of Data**

**15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?**

Revision of priorities/strategies/policies for the protection, management and conservation of heritage

**15.2.2 - Comments on use of data from the Cycle of Periodic Reporting**

No comments on the use of the data.

**15.3. Timing and resources**

**15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)**

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

**15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?**

Gender balance has **not been explicitly** considered or implemented in the process.

**15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?**

Yes

**15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire**

50 / 0 / 15 /

**15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?**

Additional resources		No	Yes
15.3.5.1	Human resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## 15.4. Format and content of the Periodic Report

### 15.4.1 - How accessible was the information required to complete this questionnaire?

Most required information was accessible.

### 15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire				x
15.4.2.2	Clarity of questions				x

### 15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

n/a

## 15.5. Training and Guidance

### 15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Good
UNESCO (other sectors/field offices)	Not applicable
UNESCO National Commission	Not applicable
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable

### 15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Good
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Not applicable
National Commission for UNESCO	Not applicable
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

### 15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

### 15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

n/a

## 15.6. Actions that will require formal consideration by the World Heritage Committee

### 15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee

- **Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee**

Reason for update: Terminology change needed: Park managers work with 11 Indigenous groups for whom Wood Buffalo National Park...(We do not use the term Aboriginal) Last sentence of Protection and management requirement first paragraph: remove the word "also"

Changes to these items will need to go through the proper processes.

## 15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

### 15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

No recommendations for periodic assessment.

**15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.**