



Jasper National Park -Environmental Impact Analysis Request Form

Project Title: Hazardous Tree Removal

Location: Whistler Campground (Loop 25) & Pocahontas Campground

Project Contact: David Kiorven

Contact Information: dave.kiorven@pc.gc.ca (780-852-0368)

Project Commencement: 13 / 08 / 28
Y / M / D

Completion: 14 / 03 / 31
Y / M / D

Date of Request: 13 / 07 / 03
Y / M / D

Due Date: 13 / 07 / 17
(2 weeks) Y / M / D

Project Description:

Parks Canada is proposing to perform selective hazardous tree removal of timber in Whistler Campground Loop 25 and Pocahontas Campground in Jasper National Park. This work is highly specialized requiring ground-based logging methods, and will be contracted by Parks Canada but will consider environmental, social, and economic values that differ from most traditional harvesting operations.

All trees that are to be removed will be identified by Parks Canada staff. Timber that is removed in this project will be transported and stored at Marmot Pit where it will be processed into firewood to be used in the Jasper National Park campgrounds.

To achieve these objectives, mechanical vegetation treatments (i.e. selective thinning using ground based short-wood harvesting systems), mechanized brush piling, and manual treatments such as piling, and burning are required.

This work is scheduled to take place from freeze-up (late October 2013) to March 31st, 2014 on approximately 3 hectares of forest within Loop 25 in Whistler Campground and 17 hectares in Pocahontas Campground.

A goal of this project is to reduce hazardous tree risk as efficiently and completely as possible.



This project requires removal of existing trees using highly manoeuvrable “at-the-stump” wood processing equipment, and forwarding of logs to designated landing areas for transport. Whole tree ground-based logging systems and traditional skidding will not be considered for this work. Actions related to this hazardous tree removal will be undertaken in the late fall and winter months while the soil is frozen.

Heavy equipment will be equipped with high flotation rubber tires or low pressure tracks with modified grousers. Logs will be forwarded rather than skidded. The Contractor will be required to reduce stumps to the minimum that can be achieved by the equipment (i.e. 10 - 15 centimetres or less).

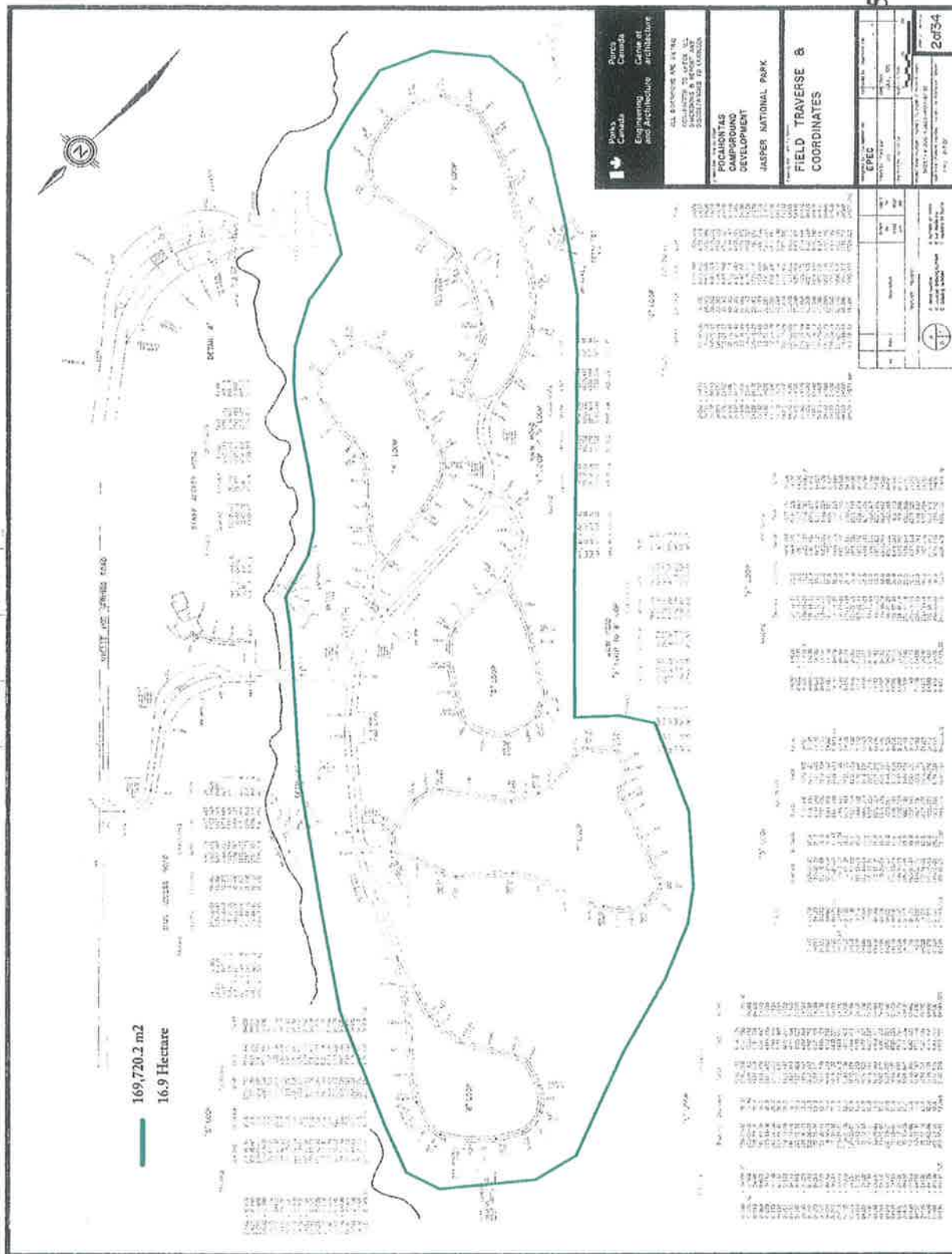


Figure 1





Figure 2





Environmental Impact Analysis Project Pre-Screening – Jasper National Park

Office Use Only

File Number : J13-061

n/a:

Internal or External

- Exempt /No EIA (No Env. Effects / Emergency / Previously Assessed EA#)
Use Alternate Process (Process:)
Best Management Practices (BMP # (see reverse):) (copy attached)
Basic Impact Analysis
Detailed Impact Analysis
Request Ministerial Designation

Public Consultation Required? Details: _____

Site Visit Required? Details: _____

Site Inspection Required? Details: _____

Follow-up Monitoring Required?

Permits Required:

- Development/Building, Lease, Licence of Occupation, Water Withdrawal, Other (Specify):
Disturb Natural Objects, Off Highway Vehicle Use, Over-snow Vehicle, Enter Closed Area
Fire, Overweight Vehicle, Aircraft Access, Business Licence

(Ensure that BMPs or EA mitigations are referenced in permits to make the mitigations enforceable.)

Pre-Screening Completed By: Mel Hindle

Date: August 26, 2013



Approved Best Management Practices (BMP) Jasper National Park

1. Routine Projects in National Park Communities
2. Routine Projects at Front Country Facilities in Jasper National Park
3. Land-based Commercial Guiding Activities in the Mountain National Parks of Canada
4. Aquatic-based Commercial Guiding Activities in the Mountain National Parks of Canada
5. Best Available Methods for Common Lease Holder Activities (Axys ,1998)
6. Environmental Practices for General Construction in the Jasper Townsite and Developed Areas
7. Environmental Standards for Road Maintenance Functions in National Parks (Delcan, 1989)
8. Best Management Practices for Development at Ski Areas in Banff and Jasper National Parks (2008)
9. Other BMP : _____

10. ADDITIONAL MITIGATION MEASURES

A. Soil

- i. These operations will only be allowed during times when the ground is frozen.
- ii. The Project Manager should monitor weather forecasts for any warming trends or rain events. Work will be avoided during these times.
- iii. Skidding logs will not be allowed.
- iv. The Environmental Surveillance Officer (ESO) will identify areas that should be avoided due to potential soil erosion problems (streams and gullies).
- v. Use existing trails and roads. Flag or mark these routes.
- vi. Only high flotation rubber tires or low pressure tracks with modified grousers shall be used for this operation. Rutting of soil shall be avoided, contact the ESO if this starts to happen.

B. Vegetation

- i. Trees will be identified and flagged by Parks Canada prior to removal
- ii. Shrub and ground disturbance will not extent beyond the existing cleared campsite and service line excavation i.e. no parking , driving or material storage within the drip



- iii. line of trees.
 - iv. The disturbance from the service line excavation will be reclaimed using salvaged vegetation mats or using an approved native seed mix to be determined by the ESO. The seed can be applied in the following spring if natural re-vegetation isn't sufficient.
- C. Hydrological Resources
- i. There are small creeks in both campgrounds. These will be identified and flagged by Parks Canada. A 30 m buffer from will be implemented around creeks and riparian vegetation from any mechanical and people powered work.
- D. General
- i. Please contact the ESO – Jurgen Deagle (780.883.0794) two weeks (or as soon as possible) prior to the commencement of work. The ESO will schedule an on-site start up meeting, arrange site surveillance, and issue Special Activity Permits
 - ii. The proponent is responsible for site security and public safety at all times.
 - iii. A spill kit capable of handling 110% of the total fuels on-site will be available at the worksite and all staff trained on its use. Parks Canada dispatch (780.852.6155) will be notified immediately of any fuel spills or leaks.
 - iv. All vehicle re-fueling will take place at licensed facilities (gas stations) or on hardened surfaces (paved roadways or parking lots).
 - v. Noise and air pollution from equipment on-site will be kept to a minimum by shutting off equipment when not in use.
 - vi. All workers must have the required protective equipment for the job and be trained in accordance with the provisions included in the Alberta Occupational Health and Safety Act and Worker's Compensation Board.
 - vii. All garbage must be stored and handled in compliance with the National Park Garbage Regulations. Burning or burial of waste is not permitted. Waste is to be source separated and disposed of at the Jasper Transfer Station.
 - viii. Please ensure all contractors and sub-contractors have a Business License to work in Jasper. These can be obtained through Kelly Deagle (780.852.6151)
 - ix. The ESO may require other mitigations in response to any unforeseen environmental impacts.



Environmental Impact Analysis prepared:

<u>Melanie Hinde</u>	
Environmental Assessment Specialist (print name)	
<u>Melanie Hinde</u>	Date: <u>Sept 4/13</u>
Signature	

Environmental Impact Analysis reviewed and approved:

<u>MARAYE DIA</u>	
Senior Environmental Assessment Scientist (print name)	
<u>Maraye Dia</u>	Date: <u>Sept 5, 2013</u>
Signature	