



May 31, 2011

Mr. Vern Christensen
Executive Director
Mackenzie Valley Environmental Impact Review Board
#200 Scotia Centre
5102 – 50th Avenue
Yellowknife, NT X1A 2N7

Via email: vchristensen@reviewboard.ca

Re: Notification of the Preliminary Screening of the Prairie Creek Mine Development

Dear Mr. Christensen,

In accordance with the *Mackenzie Valley Resource Management Act*, Parks Canada is notifying the Mackenzie Valley Environmental Impact Review Board that we will be conducting a preliminary screening of the Prairie Creek Mine development. A preliminary screening is required because authorizations required for this development in Nahanni National Park Reserve of Canada are listed on the *Preliminary Screening Regulations* (Part 2. Items 15, 16 and 17). Attached is the application form.

Thank you.

Sincerely,

Rob Kent, Field Unit Superintendent, Southwest NWT, Parks Canada
Parks Canada Agency

cc

Eric Betsaka, Associate Superintendent, Nahanni National Park Reserve of Canada
Kathleen Graham, Regulatory Officer, Mackenzie Valley Land and Water Board



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Executive Director
Mackenzie Valley Environmental Impact Review Board
#200 Scotia Centre
5102 – 50th Avenue
Yellowknife, NT X1A 2N7

Via email: vchristensen@reviewboard.ca

Re: Prairie Creek Mine Development

Dear Mr. Christensen,

Canadian Zinc Corporation has applied for permits under the *Canada National Parks Act* in support their development of the Prairie Creek Mine. These include permits to be issued under *National Parks of Canada General Regulations* s. 11(1), s. 12(1), s.18(1); *National Parks of Canada Building Regulations* s.5(1) and *National Parks of Canada Business Regulations* s.4.1. Parks Canada is referring the proposed Prairie Creek Mine Development to environmental assessment pursuant to subsection 126(2)(a) of the *Mackenzie Valley Resource Management Act*. Parks Canada is referring this proposal to the Board because the development might have a significant adverse impact on the ecological integrity of Nahanni National Park Reserve of Canada. The preliminary screening is attached.

Parks Canada believes this development is the same development as is currently under environmental assessment EA0809-002. Therefore, Parks Canada does not expect any different or additional process is required to fulfill the requirements of the *Mackenzie Valley Resource Management Act* for these applications. We look forward to your confirmation of the above conclusions.

If you have any questions, please contact Katherine Cumming (204) 984-1929; katherine.cumming@pc.gc.ca.



Thank you.

Sincerely,

**Rob Kent, Field Unit Superintendent, Southwest NWT, Parks Canada
Parks Canada Agency**

cc

Eric Betsaka, Associate Superintendent, Nahanni National Park Reserve of Canada

Kathleen Graham, Regulatory Officer, Mackenzie Valley Land and Water Board

PRELIMINARY SCREENING REPORT FORM

PRELIMINARY SCREENER: Parks Canada REFERENCE / FILE NUMBER: TITLE: Prairie Creek Mine Development ORGANIZATION: Canadian Zinc Corporation	
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Type of Development:
(CHECK ALL THAT APPLY)

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | New |
| <input type="checkbox"/> | Amend, EIRB Ref. # |
| <input type="checkbox"/> | Requires permit, license or authorization |
| <input type="checkbox"/> | Does not require permit, license or authorization |

Project Summary

Canadian Zinc (CZN) has applied to develop an underground mine and milling complex approximately 90 kilometres (km) northwest of Nahanni Butte, in the southern Mackenzie Mountains on the eastern side of and adjacent to Prairie Creek, some 43 km north of its confluence with the South Nahanni River. The proposed development includes winter road and highway transportation of concentrate from the lead-zinc mine by truck to the railhead in Fort Nelson, British Columbia.

The following applications to the Mackenzie Valley Land and Water Board in May and June of 2008 triggered a preliminary screening of this proposed development:

- MV2008L2-0002: Type A Water License, Prairie Creek Mine
- MV2008D0014: Type A Land Use Permit, Prairie Creek Mine
- MV2008T0012: Type A Land Use Permit, Liard Transfer Facility
- MV2008T0013: Type A Land Use Permit, Tetcela Transfer Facility

In August 2008, the development was referred to the Mackenzie Valley Environmental Impact Review Board for environmental assessment.

The proposal includes the operation, maintenance and use an access road from the mine to the Liard Highway, crossing the Nahanni National Park Reserve of Canada (NNPR), and a Tetcela Transfer Facility (TTF) within the NNPR for the temporary storage of mineral concentrates. These activities are explained in detail in "Prairie Creek Mine Developer's Assessment Report" (2010) as submitted by the Canadian Zinc Corporation to the Mackenzie Valley Environmental Impact Review Board (hereafter referred to as the Prairie Creek Mine DAR). These activities in NNPR require additional permits under the *Canada National Parks Act*, including: *National Parks of Canada General Regulations* s. 11(1), s. 12(1), s.18(1); *National Parks of Canada Building Regulations* s.5(1) and *National Parks of Canada Business Regulations* s.4.1. An application for these permits on May 12, 2011 by CZN triggered this preliminary screening.

Scope

Mining and Materials Storage

- Use of existing and development of additional underground workings, including construction of an additional portal and decline;
- Extraction and crushing of ore-bearing rock;
- Transport, storage and use of explosives;
- Mine dewatering;
- Construction, transportation to and management of a waste rock pile, including water management systems;
- Construction and management of a solid waste landfill within the waste rock pile;
- Management of dense media separation reject rock, and ore and tailings stockpiles on surface, including construction of any associated foundations, buildings, and water treatment and management systems;

- Backfilling of mined out stopes using a tailings paste backfill and engineered bulkheads; and
- Mining equipment operation, including vehicles and materials conveyance systems.

Milling

- Construction and use of a concentrate storage shed, concentrate bagging plant, dense media separation circuit, and paste backfill plant alongside the existing mill facility;
- Partial re-construction and operation of the milling complex;
- Extraction, transportation, consumption, recycling, treatment and discharge to the environment of minewater and process water; and
- Storage, handling, use and disposal of milling process additives and chemicals, both at the mill and on the reagent pad south of the mill.

Other On-Site Facilities and Activities

- Removal of the existing coarse ore stockpile;
- Replacement of existing diesel power generation system and use of new power generation system;
- Re-construction and use of the existing tailings pond as a two-cell water storage pond;
- Construction and use of drainage control structures and process/waste water pipelines from mine to surface, and on surface at the Prairie Creek Mine site;
- Construction of any new roads and use of all roads at the Prairie Creek Mine site;
- Construction and use of a new water treatment plant;
- Additional construction where necessary and use during mine operations of existing on-site water management facilities, including the sewage treatment plant, polishing pond, runoff collection and water discharge system (including all drainage ditches, the catchment pond and all culverts and gates at discharge points), and all flood protection dykes around the property;
- Extraction of groundwater for use as potable water and for any other purposes;
- Re-construction of portions of, and use of, the fuel storage facility on site, including water management and containment facilities and activities,
- Demolition, re-construction where necessary, and use of portions of the existing built support infrastructure at the Prairie Creek Mine site, including the kitchen/diner complex, and some of the accommodation trailers;
- Use of existing on-site buildings and other facilities that are to be retained, including the administration/dry building, maintenance shops, bulk of accommodation trailers, equipment storage facilities in the main yard, and the inert waste storage facility (the boneyard) alongside Harrison Creek;
- Use of vehicles and all other emissions sources at the Prairie Creek Mine site; and
- Replacement of existing waste incinerator with new incinerator and its use.

Support/Ancillary Facilities and Activities

- Initial upgrading (as necessary) and annual construction activities associated with the winter access road from the mine to the Territorial Highway 7 (Liard Highway), including vehicle traffic, water use and water crossings;
- Truck transport of concentrate from the Prairie Creek Mine site along the winter road and the Liard Highway to the railhead at Fort Nelson;
- Transportation activities by air and road/winter road that support the Prairie Creek Mine's operation, including transportation of goods, fuel, contractors and employees in to and out of the mine, and removal and disposal of wastes or other materials, including operation of the existing airstrip at the Prairie Creek Mine site;
- Construction and use of two transfer facilities, one at km 84 from the mine along the winter access road (Tetcela Transfer Facility), and the other near the Liard Highway east of the Liard River crossing (Liard Transfer Facility), including unloading, storage, and reloading of concentrate, hydrocarbons and other materials; and
- Development and use of borrow sources for aggregate production at the mine site or along the winter access road.

Closure and Reclamation

- Removal or stabilization of all structures and equipment;

- Reclamation of water storage pond and all other site water management facilities;
- Reclamation of the winter access road and all Prairie Creek Mine site road networks;
- Reclamation of infrastructure foundations, dyking system, piping, and all built structures at the Prairie Creek Mine;
- Reclamation of the Tetcela and Liard Transfer Facilities;
- Reclamation of the waste rock pile, dense media separation reject rock, tailings, and ore stockpiles and any other surface materials storage locations;
- Re-vegetation of areas affected by mining or support activities;
- Backfilling, bulkhead installation and other capping of the underground works; and
- Long-term mine water outflow monitoring/management around the mine site.

Principal Activities (related to scoping)

(CHECK ALL THAT APPLY)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Construction | <input type="checkbox"/> Exploration | <input checked="" type="checkbox"/> Decommissioning |
| <input checked="" type="checkbox"/> Installation | <input checked="" type="checkbox"/> Industrial | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Maintenance | <input type="checkbox"/> Recreation | <input type="checkbox"/> Aerial |
| <input type="checkbox"/> Expansion | <input type="checkbox"/> Municipal | <input type="checkbox"/> Harvesting |
| <input checked="" type="checkbox"/> Operation | <input checked="" type="checkbox"/> Quarry | <input type="checkbox"/> Camp |
| <input checked="" type="checkbox"/> Repair | <input checked="" type="checkbox"/> Linear / Corridor | <input type="checkbox"/> Scientific/ |
| <input type="checkbox"/> Research | | <input type="checkbox"/> Solid Waste |
| <input checked="" type="checkbox"/> Water Intake | <input checked="" type="checkbox"/> Sewage | |
| <input type="checkbox"/> Other: | | |

Principal Development Components (related to scoping)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Access Road | <input checked="" type="checkbox"/> Waste Management |
| <input checked="" type="checkbox"/> construction | <input type="checkbox"/> disposal of hazardous waste |
| <input type="checkbox"/> abandonment/removal | <input checked="" type="checkbox"/> waste generation |
| <input type="checkbox"/> modification e.g., widening, straightening | <input checked="" type="checkbox"/> Sewage |
| <input type="checkbox"/> Automobile, Aircraft or Vessel Movement | <input checked="" type="checkbox"/> disposal of sewage |
| <input type="checkbox"/> Blasting | <input type="checkbox"/> Geoscientific Sampling |
| <input checked="" type="checkbox"/> Building | <input checked="" type="checkbox"/> trenching |
| <input type="checkbox"/> Burning | <input type="checkbox"/> diamond drill |
| <input type="checkbox"/> Burying | <input checked="" type="checkbox"/> borehole core sampling |
| <input type="checkbox"/> Channeling | <input type="checkbox"/> bulk soil sampling |
| <input checked="" type="checkbox"/> Cut and Fill | <input checked="" type="checkbox"/> Gravel |
| <input checked="" type="checkbox"/> Cutting of Trees or Removal of Vegetation | <input type="checkbox"/> Hydrological Testing |
| <input type="checkbox"/> Dams and Impoundments | <input checked="" type="checkbox"/> Site Restoration |
| <input type="checkbox"/> construction | <input type="checkbox"/> fertilization |
| <input type="checkbox"/> abandonment/removal | <input type="checkbox"/> grubbing |
| <input type="checkbox"/> modification | <input checked="" type="checkbox"/> planting/seeding |
| <input checked="" type="checkbox"/> Ditch Construction | <input type="checkbox"/> reforestation |
| <input checked="" type="checkbox"/> Drainage Alteration | <input type="checkbox"/> scarify |
| <input type="checkbox"/> Drilling other than Geoscientific | <input type="checkbox"/> spraying |
| <input type="checkbox"/> Ecological Surveys | <input type="checkbox"/> recontouring |
| <input checked="" type="checkbox"/> Excavation | <input checked="" type="checkbox"/> Slashing and removal of vegetation |
| <input type="checkbox"/> Explosive Storage | <input checked="" type="checkbox"/> Soil Testing |
| <input checked="" type="checkbox"/> Fuel Storage | <input checked="" type="checkbox"/> Stream Crossing/Bridging |
| <input checked="" type="checkbox"/> Topsoil, Overburden or Soil | <input type="checkbox"/> Tunneling/Underground |
| <input type="checkbox"/> fill | <input type="checkbox"/> Other (describe): |
| <input type="checkbox"/> disposal | |
| <input type="checkbox"/> removal | |
| <input type="checkbox"/> storage | |

**NTS Topographic Map Sheet Numbers
(1:250,000 scale)**

Latitude / Longitude and UTM System: The Prairie Creek Mine access road enters the park from the west at latitude 61 deg 36 min 36 sec N, longitude 124 deg 41 min 4 sec W, and leaves the park in the east at the Wolverine (Silent Hills) Pass at

latitude 61 deg 25 min 43 sec N, longitude 123 deg 34 min 30 sec W. The TTF would be located at 61°27'38" N latitude, 123°46'40" W longitude.

Nearest Community and Water Body:

Community: Nahanni Butte

Water Body: Many

Land Status (*consultation information*)

☐ Free Hold / Private ☐ Commissioners Land ☒ Federal Crown Land ☐ Municipal Land

Transboundary Implications

☐ British Columbia ☐ Alberta ☐ Saskatchewan ☐ Yukon
☐ Nunavut ☐ Wood Buffalo National Park ☐ Inuvialuit Settlement Region

Type of Transboundary Implication: ☐ Impact / Effect ☐ Development

☐ Public Concern _____
(DESCRIBE)

PHYSICAL - CHEMICAL EFFECTS

IMPACT

MITIGATION

1. Ground Water

<input checked="" type="checkbox"/> water table alteration	Detailed in Prairie Creek Mine DAR
<input checked="" type="checkbox"/> water quality changes	Detailed in Prairie Creek Mine DAR
<input checked="" type="checkbox"/> infiltration changes	Detailed in Prairie Creek Mine DAR
<input type="checkbox"/> other	
<input type="checkbox"/> N/A	

IMPACT

MITIGATION

2. Surface Water

<input checked="" type="checkbox"/> flow or level changes	Detailed in Prairie Creek Mine DAR
<input checked="" type="checkbox"/> water quality changes	Detailed in Prairie Creek Mine DAR
<input checked="" type="checkbox"/> water quantity changes	Detailed in Prairie Creek Mine DAR
<input checked="" type="checkbox"/> Drainage pattern changes	Detailed in Prairie Creek Mine DAR
<input type="checkbox"/> temperature	
<input checked="" type="checkbox"/> wetland changes / loss	Detailed in Prairie Creek Mine DAR
<input type="checkbox"/> other:	
<input type="checkbox"/> N/A	

IMPACT**3. Noise**

- ☒ noise in/near water
☒ other: noise increase
☐ N/A

MITIGATION

Detailed in Prairie Creek Mine DAR
Detailed in Prairie Creek Mine DAR

IMPACT**4. Land**

- ☒ geologic structure changes
☒ soil contamination
☐ buffer zone loss
☒ soil compaction & settling
☒ Destabilization / erosion
☒ permafrost regime alteration
☒ other: explosives/scarring
☐ N/A

MITIGATION

Detailed in Prairie Creek Mine DAR
Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR
Detailed in Prairie Creek Mine DAR
Detailed in Prairie Creek Mine DAR
Detailed in Prairie Creek Mine DAR

IMPACT**5. Non Renewable Natural Resources**

- ☒ resource depletion
☐ other:
☐ N/A

MITIGATION

Detailed in Prairie Creek Mine DAR

IMPACT**6. Air/Climate/ Atmosphere**

- ☒ Greenhouse Gases
☐ N/A

MITIGATION

Detailed in Prairie Creek Mine DAR

BIOLOGICAL ENVIRONMENT

IMPACT

1. Vegetation

- ☒ species composition
- ☒ species introduction
- ☒ toxin / heavy accumulation
- ☐ other:
- ☐ N/A

MITIGATION

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

IMPACT

2. Wildlife & Fish

- ☒ effects on rare, threatened or endangered species
- ☒ fish population changes
- ☒ waterfowl population changes
- ☒ breeding disturbance
- ☒ population reduction
- ☒ species diversity change
- ☐ health changes
(Identify)
- ☒ behavioural changes
(Identify)
- ☒ habitat changes / effects
- ☒ game species effects
- ☒ toxins / heavy metals
- ☐ forestry changes
- ☐ agricultural changes
- ☐ other:
- ☐ N/A

MITIGATION

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

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Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

INTERACTING ENVIRONMENT

IMPACT

MITIGATION

1. Habitat and Communities

- ☒ predator-prey
- ☒ wildlife habitat / ecosystem
Composition changes
- ☐ reduction / removal of
keystone or endangered
Species
- ☐ removal of wildlife corridor or
buffer zone
- ☐ other:
- ☐ N/A

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

IMPACT

MITIGATION

2. Social and Economic

- ☒ planning / zoning changes or
conflicts
- ☒ increase in urban facilities or
services use
- ☐ rental house
- ☐ airport operations / capacity
changes
- ☒ human health hazard
- ☐ impair the recreational use of
water or aesthetic quality
- ☐ affect water use for other
purposes
- ☐ affect other land use
operations
- ☒ quality of life changes
- ☒ public concern
- ☐ other:
- ☐ N/A

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

Detailed in Prairie Creek Mine DAR

IMPACT

MITIGATION

3. Cultural and Heritage

- ☐ effects to historic property
- ☒ increased economic pressure

Detailed in Prairie Creek Mine DAR

on historic properties

☐ change to or loss of historic resources

☐ change to or loss of archaeological resources

☐ increased pressure on archaeological sites

☐ change to or loss of aesthetically important site

☒ affects to aboriginal lifestyle

Detailed in Prairie Creek Mine DAR

☐ other:

☐ N/A

REASONS FOR DECISION
(LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

DECISION:

The proposed road will involve substantial traffic, transportation of dangerous substances and construction in difficult terrain.

	PRELIMINARY SCREENING DECISION
<input checked="" type="checkbox"/>	Outside Local Government Boundaries
<input checked="" type="checkbox"/>	The development proposal might have a significant adverse impact on the environment, <i>refer it to the MVEIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	Wholly within Local Government Boundaries
<input type="checkbox"/>	The development proposal is likely to have a significant adverse impact on air, water or renewable resources, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>
<input type="checkbox"/>	The development proposal might have public concern, <i>refer it to the EIRB.</i>
<input type="checkbox"/>	<i>Proceed with regulatory process and/or implementation.</i>

Preliminary Screening Organization

Signatures

Parks Canada - Nahanni National Park Reserve of Canada



May 12, 2011

Mike Sutor
Park Ecologist
Nahanni National Park Reserve
P. O. Box 348
Fort Simpson, NT
X0E 0N0

Dear Sir,

RE: Restricted Activity Request for Operations Associated with the Prairie Creek Mine

Please find attached a Restricted Activity Request for authorizations required to undertake activities by Canadian Zinc Corporation ("CZN") in the Nahanni National Park Reserve (NNPR). The activities would be in connection with operation of the Prairie Creek Mine access road through the NNPR, and operation of the Tetcela Transfer Facility within the NNPR.

We look forward to your reply, and we can be reached at (604) 688 2001 to answer any questions.

Yours truly,
CANADIAN ZINC CORPORATION


David P. Harpley, P. Geo.
VP, Environment & Permitting Affairs



Request for Authorization to Conduct a Restricted Activity in Nahanni National Park Reserve of Canada

PROPONENT INFORMATION	
Name: Canadian Zinc Corporation City/Town: Vancouver Telephone: 604 688 2001 Fax: 604 688 2043	Street Address: 1710-650 West Georgia St Province/Territory: BC Email Address: david@canadianzinc.com
CONTRACTOR INFORMATION	
Name: City/Town: Telephone: Fax:	Street Address: Province/Territory: Email Address:
ACTIVITIES REQUIRING AUTHORIZATION	
Activity	Authority
<input type="checkbox"/> Removal or use of any natural objects/materials including but not limited to: sand, soil, gravel, rock, mineral, fossils, or snow for construction purposes	National Parks of Canada General Regulations s. 11(1)
<input type="checkbox"/> Removal, defacing, damage or destruction of any flora or natural objects/materials	National Parks of Canada General Regulations s.12(1)
<input type="checkbox"/> Obstruct or divert a watercourse	National Parks of Canada General Regulations s.17
<input type="checkbox"/> Withdrawal of water from a watercourse or water body for ice bridge construction	National Parks of Canada General Regulations s.18(1)
<input type="checkbox"/> Landing aircraft	National Parks of Canada Aircraft Access Regulations s.3(1)
<input type="checkbox"/> Use, possession and transport of explosives	National Parks of Canada General Regulations s.35(1)
<input type="checkbox"/> Operation of an over-snow vehicle	National Parks of Canada Highway Traffic Regulations s.41(1)
<input type="checkbox"/> Operation of an all-terrain vehicle	National Parks of Canada Highway Traffic Regulations s.41(2)
<input type="checkbox"/> Operating a motor vehicle off a highway	National Parks of Canada Highway Traffic Regulations s.3(2)
<input type="checkbox"/> Starting and maintaining a fire	National Parks of Canada Fire Protection Regulations s.4(3)
<input type="checkbox"/> Possession and transport of >250 L of gasoline or any other flammable liquid	National Parks of Canada Fire Protection Regulations s.5(2)
<input type="checkbox"/> Conducting natural, archaeological or social science research	National Parks of Canada General Regulations s.7(5)
<input type="checkbox"/> Building infrastructure	National Parks of Canada Building Regulations s.5(1)
<input type="checkbox"/> Camping	National Parks of Canada camping Regulations s.4(1)
<input type="checkbox"/> Carrying on a business in the park	National Parks of Canada Business Regulations s.4.1
PROJECT DESCRIPTION (Brief description of work and rationale for request. Append additional sheets if required.)	
<p>Canadian Zinc (CZN) has applied for operating permits for the Prairie Creek Mine. These are presently subject to environmental assessment (EA) by the Mackenzie Valley Review Board (MVRB, EA0809-002). Two of the permits directly relate to the expanded Nahanni National Park Reserve (NNPR). One application is for a Land Use Permit (LUP) to operate, maintain and use an access road from the mine to the Liard Highway, crossing the NNPR, and another is for a LUP to operate the Tetcela Transfer Facility (TTF) within the NNPR for the temporary storage of mineral concentrates. These activities are explained in detail in CZN's Developers Assessment Report (March, 2010) submitted as part of the EA and available on the EA registry maintained by the MVRB.</p> <p>In addition to the permit applications noted above, we understand that specific permits or authorizations will be required from Parks Canada to undertake restricted activities within a national park. The activities for which authorizations are believed to be required have been highlighted above. Road construction will involve the removal and placement of sand, soil, gravel and snow, and possibly rock. While the intent in road construction is to maintain the organic layer, some vegetation may be destroyed in the making of a level road bed. A relatively small area of vegetation will also be lost following gravel placement to form a foundation for the TTF. Water would be withdrawn annually from Mosquito Lake for road construction and maintenance, and potentially from other water sources within the NNPR. Helicopter landings may be required in support of road construction, and for road repairs (during freshet, for example) if the road is not operational. Explosives would be transported along the road to the Mine. Road construction and maintenance may include the use of over-snow and all terrain vehicles, the intent being to operate in the immediate vicinity of the road alignment only. The road will be used by vehicles servicing the Mine, and is not considered to be a highway. Trucks taking out concentrates will bring in fuel >250 L on the back-haul. The TTF is considered to be a building. Road construction and operations, as well as the TTF, will include trailers adjacent to the road and at the TTF for rest and short-term (shift) stays, which may be considered as 'camping'. Use of the road for hauling is assumed to be a business. In addition to the above, CZN wishes to make an application for a lease for the land occupied by the road and the TTF according to section 41.1 (2) (a) of the Canada National Parks Act (April 19, 2011).</p>	



PROJECT LOCATION(S) (Append multiple project locations on an additional sheet if necessary)	
Coordinates of the Project (Degrees, Minutes, seconds): The Prairie Creek Mine access road enters the park from the west at latitude 61 deg 36 min 36 sec N, longitude 124 deg 41 min 4 sec W, and leaves the park in the east at the Wolverine (Silent Hills) Pass at latitude 61 deg 25 min 43 sec N, longitude 123 deg 34 min 30 sec W. The TTF would be located at 61°27'38" N latitude, 123°46'40" W longitude.	
Proposed Start Date: Not determined. (YYYY/MM/DD)	Proposed Completion Date: Not determined. (YYYY/MM/DD)
I, <u>David Harpley</u> , certify that the information given on this form is, to the best of my knowledge correct and complete. Signature  Date: May 12, 2011	

Information about the above-noted proposed work or undertaking is collected by the Superintendent under the authority of the *Canada National Parks Act* and *National Parks of Canada Regulations*. Submit this application to:

Mike Sutor
Park Ecologist
Nahanni National Park Reserve
P.O. Box 348
Fort Simpson, NT, X0E 0N0
Tel: (867)-695-3151 Fax: (867)-695-2446