



**PRAIRIE CREEK MINE SITE
WINTER ACCESS ROAD**

CONTROLLED ROAD USE PLAN

July 2007

PREAMBLE

This *Controlled Road Use Plan* is effective from July 1, 2007 and applies to all projects and operations in connection with the Prairie Creek Mine winter road connecting the mine to the Liard Highway at Blackstone Landing.

The following formal distribution has been made of this plan:

Mackenzie Valley Land and Water Board

Canadian Zinc Corporation - Prairie Creek Mine Site Office

Canadian Zinc Corporation - Vancouver Office

Additional copies and updates of this Plan may be obtained by writing to:

Canadian Zinc Corporation
Suite 1710-650 West Georgia Street,
PO Box 11644
Vancouver, British Columbia
V6B 4N9
Phone: 604-688-2001
Fax: 604-688-2043
Email: alan@canadianzinc.com

Prairie Creek Mine Address:

Canadian Zinc Corporation
Prairie Creek Mine Site
Suite 4, 9606-100 Street,
Fort Simpson, NT.
X0E 0N0
Toll Free from Vancouver: 604 357 3513
Satellite phone: 1-600-700-2454
Satellite fax: 1-600-700-9209

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PLAN OVERVIEW

The guidelines and procedures outlined in the following chapters of this Controlled Road Use Plan (the Plan) are designed for all employees, visitors or contractors of Canadian Zinc Corporation (CZN) who use the Prairie Creek Mine winter road. It is the Company's policy to ensure that proper procedures are implemented and followed at all times to promote the safety of road users and wildlife in the area.

This Plan describes policies and procedures intended to reduce the risks of accidents and potential for disturbance of wildlife. The essential elements of the plan are as follows:

- Notification of travel plans and communications while in transit;
- Screening of road users;
- Safe driving guidelines;
- Response procedures; and,
- Unacceptable practices.

Please read each chapter below thoroughly so as to understand the reasoning and principles underpinning the requirements. While this Plan does address safety issues and response to incidents, the Plan does not address responses to fuel spills in any detail. It is assumed that road users are aware of and familiar with CZN's *Fuel Spill Contingency Plan*. This Plan also does not address bear encounters in any detail. Road users are advised to consult CZN's *Health and Safety Plan* for this information.

This Plan is a working document. Any comments or suggestions for improvements or updates should be directed to one of the following:

COO Canadian Zinc Corporation Vancouver, B.C. Office: 1 604 688 2001 Fax: 1 604 688 2043 alan@canadianzinc.com	Camp Manager Prairie Creek Mine Site Sat phone: 1-600-700-2454 Sat fax: 1-600-700-9209
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1.0 NOTIFICATION OF TRAVEL/COMMUNICATIONS

For general safety and traffic management, it is imperative that CZN is aware of the type and location of vehicle traffic using the road at all times. There will be two main check-points to monitor road use:

- At the Prairie Creek mine site for out-bound traffic; and,
- At the Grainger Gap for in-bound traffic.

ALL VEHICLES WILL BE REQUIRED TO REGISTER AT A CHECK POINT BEFORE AND AFTER TRAVELLING ON THE PRAIRIE CREEK MINE WINTER ROAD BETWEEN THE MINE AND THE GRAINGER GAP

Out-bound traffic should register with the Prairie Creek Mine camp manager or his designate, and in-bound traffic should register with the monitor or 'gate-keeper' at the Grainger Gap. Upon registering, relevant information will be provided to the road user, including the weather and road conditions to be expected, vehicle traffic coming from the opposite direction, and any incidences of wildlife proximal to the road and their last known location. Each road user will also be given a radio for communications en route. This would also be a good time to confirm the vehicle has enough fuel to travel the full length of the road.

It is intended that both check-points and all vehicles will have two-way radios. Frequent communication by all users and monitors is expected to track progress and forewarn drivers of on-coming traffic. The latter is not only to limit the potential for accidents, but also to facilitate passing since the road will only be one-lane in width for the most-part, with turnouts. The ability to communicate in transit will also provide the means to notify control points in the event of breakdown or an accident. To accurately locate, and for reference to, the vehicles, a system of one kilometre markers will be posted along the route. This will ensure accurate relay of vehicle location when travelling along the route and also enable safe passing when on-coming oversize vehicles are approaching.

While it is intended to have the two check-points in operation at all times when the winter road is open, communication requirements during transit may be relaxed if road traffic is known to be very light. For example, road use may at times be only a single convoy of vehicles with no traffic in the other direction. However, communications requirements will be determined prior to each trip.

2.0 SCREENING OF ROAD USERS

Several parties have expressed concerns regarding the potential for unauthorized access to the area as a result of operation of the road. The concerns relate to the possible disruption of wildlife and traditional land uses. CZN shares these concerns and in addition has major safety concerns with unauthorized users. As a result of these concerns CZN plans to man a check-point on the road at the Grainger Gap to screen road users and restrict access to those that are un-authorized.

CZN intends to engage one or more persons from the area to act as a monitor. CZN sees this role as more than a gate-keeper. CZN will locate a portable accommodation unit in close proximity to the Grainger Gap, and the Monitor, or his/her designate, would reside there at all times during operation of the road. The Monitor would have a number of responsibilities, as follows:

- Advise authorized users on road conditions and expected traffic;
- Advise unauthorized visitors that use of the private road is prohibited;
- Maintain communications with the Prairie Creek Mine check-point and road traffic;
- Periodically travel the road from the Grainger Gap to the head of the Sundog Creek valley (while someone else mans the check-point) to check for unauthorized use of the road, observe the presence of wildlife in the area, especially if there are any concentrations near the road alignment, maintain a wildlife sighting log, and monitor the operations of contractors;
- Check in with the Prairie Creek camp manager on a daily basis, but alert him immediately if a situation has arisen; and,
- Periodically (at least monthly) meet with local representatives to brief them on road operations.

The Grainger Gap is considered a suitable base for the Monitor since topography restricts further access to the west and forces most traffic to pass through this natural gap in the Nahanni Range. The Monitor would periodically travel the road west because remote access to the area is still possible via other gaps in the north-south mountainous ridge, and checks for unauthorized road use need to be made in addition to the Monitor's other activities. A check-point location east of the Gap is considered impractical because the Liard River could be crossed at any point and the screening location circumvented.

One of the Monitor's duties will be to accumulate data on wildlife sightings during his/her inspections along the road from Grainger Gap to the head of the Sundog Creek valley, and from other road users. At a minimum, the information logged will include the approximate location, number and species of animals, but other details could be recorded, such as sex and observed activity. This information will subsequently be made available to local representatives and the GNWT's regional biologist. If there are any incidents involving wildlife, such as collisions on the road, the Monitor will report these to the Camp Manager immediately, who will ensure that the GNWT are notified.

3.0 SAFE DRIVING GUIDELINES

CZN is aware of the potential for wildlife occurrence in the Winter Road alignment. Minimizing the potential for collisions is clearly desirable, both between vehicles and with wildlife. The road traverses relatively rugged terrain, and therefore excessive speed is unlikely to be a problem. However, CZN intends to ensure that all road users are aware of the potential for wildlife presence, and to use common sense and take appropriate precautions.

All vehicles travelling the winter road should be suitably equipped for winter conditions, including emergency survival equipment and emergency medical kits.

CZN will determine appropriate maximum speeds and driving guidelines for each segment of the road before it is generally opened.

ALL ROAD USERS MUST OBTAIN FROM A CHECK-POINT OR HAVE INFORMATION ON PRESCRIBED MAXIMUM SPEEDS AND DRIVING GUIDELINES BEFORE USING THE ROAD

4.0 RESPONSE PROCEDURES

IN THE EVENT OF AN ACCIDENT OF ANY KIND, DRIVERS ARE REQUIRED TO CONTACT THE NEAREST CHECK-POINT IMMEDIATELY, AND PROVIDE THE FOLLOWING INFORMATION:

- Location of accident (with reference to Km signs)
- Nature of accident
- Any injuries that were sustained, and what responses have been taken
- If any environmental cleanup is required

It is assumed that road users are generally familiar with the procedures contained in fuel spill contingency plans and health and safety plans. After notifying the relevant people, appropriate responses may then be undertaken. If users are not familiar with the above noted plans, advice may be sought over the radio.

IT IS EXPECTED THAT ALL ROAD USERS WILL CARRY BASIC FIRST AID AND SPILL RESPONSE EQUIPMENT, AND WILL BE PREPARED TO USE THEM APPROPRIATELY.

If radio communications are not possible, but cell phone communication is available, in addition to the CZN contact numbers, the following emergency numbers may be useful in the event of an accident:

AMBULANCE (Fort Nelson)	250 774 2344
HOSPITAL (Fort Nelson)	250 774 6916
HOSPITAL (Fort Simpson)	867 695 7000
HOSPITAL (Fort Simpson after hours)	867 695 3232
R.C.M.P. (Fort Simpson)	867 695 3111
FIXED WING (VILLERS Ft. Nelson)	250 774 2072
FIXED WING (WOLVERINE Ft. Simpson)	867 695 2263
HELICOPTERS (CANADIAN, Ft. Nelson)	250 774 6171
(GREAT SLAVE HELI, Ft. Simpson)	867 695 2326
W.C.B.--(YELLOWKNIFE)	867 873 7468
INDIAN & NORTHERN AFFAIRS	867 669 4729
ENVIRONMENT CANADA	867 669 4729

When calling appropriate agencies as listed above, be sure to give the following information to whom you speak with:

- your name and location
- type of emergency
- injuries? how many and what type
- special equipment or personnel needed
- what is being done already
- weather conditions and landing area if flight required

5.0 UNACCEPTABLE PRACTICES

NO HUNTING

NO FISHING

NO WILDLIFE HARASSMENT

NO FIRES OR INAPPROPRIATE DISCARD OF IGNITION SOURCES

NO LITTERING

NO LEAVING OF VEHICLES UNATTENDED

NO STOPPING IN SINGLE LANE LOCATIONS WITHOUT GOOD REASON

NO USE OF ALCOHOL WITHIN 24 HOURS OF AND DURING ROAD USE

NO USE OF THE ROAD IF UNDER THE INFLUENCE OF DRUGS

At no time during road operations are CZN employees or its' contractors allowed to use the road to facilitate hunting or fishing. CZN is a firm supporter of fish and wildlife conservation issues in the area.

Please do not harass ANY animals encountered. Respect for the area is to be adhered to at all times. All wildlife fatalities must be reported immediately, accidental or otherwise. If wildlife is spotted ahead near the road, users are advised to stop and wait for the animals to move on. If the animals do not move, users should approach very slowly until they do so as to not cause the animals to flee suddenly expending energy.

Garbage should not be discarded at any time. NO litter should be left where animals and birds could be exposed to it. CZN imposes a minimal impact on the local wildlife. If you see garbage, pick it up and dispose of it properly.

**IF YOU SEE ANY ENVIRONMENTAL ISSUE YOU FEEL SHOULD BE ADDRESSED,
PLEASE ADVISE CZN STAFF AS SOON AS POSSIBLE.**

GRIZZLY AND BLACK BEARS ARE PRESENT IN THE AREA. IF UTILIZING ANY SECTION OF THE ROAD OUTSIDE OF THE WINTER SEASON, YOU MUST BE

AWARE OF THE POSSIBILITY OF AN ENCOUNTER AT ALL TIMES. APPROPRIATE MEASURES MUST BE TAKEN TO AVOID SUCH ENCOUNTERS. STAY IN YOUR VEHICLE AT ALL TIMES UNLESS REFUELING OR MAKING A TOILET STOP. IF YOU ARE OUT OF YOUR VEHICLE AND A BEAR IS SPOTTED, RETURN TO YOUR VEHICLE IF IT IS CLOSE ENOUGH, AND IF NOT, BACK-UP SLOWLY. IN THE EVENT AN ENCOUNTER CANNOT BE AVOIDED, TAKE ALL POSSIBLE MEASURES TO ENSURE YOUR SAFETY! LET OFF A BEAR BANGER, AND/OR USE AVAILABLE EQUIPMENT TO MAKE A LOT OF NOISE, CLIMB A TREE, USE BEAR SPRAY. IN A WORST CASE SCENARIO, LAY FACE DOWN AND COVER YOUR NECK AND HEAD WITH YOUR ARMS. DO NOT RUN.

Regarding drugs and alcohol, CZN is committed to the safety and well being of our employees and contractors. The use of illicit drugs and the misuse of alcohol or other drugs can limit a worker's ability to properly perform their job, and can have serious negative impacts and consequences on the health and safety of themselves and others. Drugs of concern include illegal and illicit drugs, alcohol, inhalants, medications or any other substances, which inhibit or may inhibit an individual's ability to perform their job safely and productively. For all employees, contract workers, and visitors while using the road, CZN prohibits:

- Anyone being unfit to drive because of the use or after effects of alcohol or drug use;
- The misuse of medications, either prescribed or over the counter;
- The use, possession, distribution, offering or sale of alcoholic beverages unless authorized by CZN;
- The use, possession, distribution, offering of sale of illicit or illegal drugs, drug paraphernalia or the presence in the body of illicit or illegal drugs;
- Drivers having a blood alcohol concentration exceeding 0.04% (0.04 grams/100ml) while in transit.

CZN reserves the right to conduct searches, and drug and alcohol testing.

ANY PERSON FOUND TO BE IN BREACH OF THE DRUG AND ALCOHOL CONDITIONS ABOVE WILL BE TERMINATED IMMEDIATELY AND/OR TRANSPORTED OFF THE MINE SITE AND ROAD ON THE NEXT AVAILABLE CARRIER

MVLWB Registry

From: Tyree Mullaney [tyree@mvlwb.com]
Sent: Friday, August 31, 2007 1:47 PM
To: rmiller@mvlwb.com
Subject: FW: Winter Road MV2003f0028



Controlled Road
Use Plan Jul 2...

Tyree Mullaney
Regulatory Officer

Mackenzie Valley Land and Water Board
Phone: 867-669-0506
Fax: 867-873-6610

-----Original Message-----

From: Peter Lennie-Misgeld [mailto:peter@mvlwb.com]
Sent: August-13-07 1:58 PM
To: 'Tyree Mullaney'
Subject: FW: Winter Road MV2003f0028

Hi,

Found this, please review and let's send this out for review for a couple of weeks before we take it to the Board for approval....Peter

Peter Lennie-Misgeld
Senior Regulatory Officer
Mackenzie Valley Land and Water Board
Phone (867) 669-0506
Direct Line (867) 766-7469
Fax (867) 873-6610
website: www.mvlwb.com

-----Original Message-----

From: david@canadianzinc.com [mailto:david@canadianzinc.com]
Sent: July 31, 2007 3:24 PM
To: Peter Lennie-Misgeld
Cc: alan@canadianzinc.com
Subject: RE: Winter Road MV2003f0028

Peter,

Please find attached a Controlled Road Use Plan in compliance with Item 57 of the permit. The Plan has been written in the style of an operations manual type document suitable for distribution to road users.

Regards.