Transport Canada / Transports Canada
Environmental Affairs – Programs
P.O. Box 8550
3rd Floor, 344 Edmonton Street
Winnipeg, Manitoba
R3C 0P6

Your File / Votre référence
EA0809-002
Our file / Notre référence

July 5, 2010

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

Via e-mail to:
chubert@reviewboard.ca
pmercredi@reviewboard.ca

RE: DFO Information Request for Canadian Zinc Corporation's proposed Prairie Creek Mine Project

Transport Canada has reviewed the Developers Assessment Report (DAR) regarding the Canadian Zinc Corporation's Prairie Creek Mine project proposal. Based on the information provided, Transport Canada is pleased to provide the Mackenzie Valley Environmental Impact Review Board (MVEIRB) with our information request in response to the Prairie Creek Mine project proposal;

Transport Canada looks forward to reviewing Canadian Zinc Corporation's responses to the information requests provided. If you have any questions, please feel free to contact Christopher Aguirre at (204) 984-2615, or email at christopher.aguirre@tc.gc.ca.

Regards,

Christopher Aguirre
Transport Canada
Environmental Officer

Cc: Sophia Garrick Environmental Officer. Transport Canada

Canada

IR Number: TC – Access Road 1
Source: Transport Canada
To: Canadian Zinc Corporation
Subject: Polje By-Pass route, span crossing across Polje Creek (km 42 – km 49)
References: DAR 10.4.2

Preamble:
The proposed Polje re-alignment route will eliminate three crossings and includes the use of a temporary span structure to cross the Polje Creek, which has been identified as a significant stream.

Request:

- Provide additional details on the span crossing that will be constructed at this location. Include information such as the potential dimensions of the crossing, the ordinary high water mark, and the height above the bed of the waterway.

IR Number: TC – Access Road 2
Source: Transport Canada
To: Canadian Zinc Corporation
Subject: Sundog Creek (km 22 - km 31), 5 crossings & temporary span structures
References: DAR 10.2.2

Preamble:
It was noted that the route from the Mine to the headwaters of Sundog Creek, has two major crossings. The first is Casket Creek at Km 6, and Funeral Creek at Km 13. The Funeral Creek had culverts constructed by Cadillac, but has been washed-out. CZN is proposing to construct another span structure at this location.

Request:

a) Provide details of the proposed structure to be constructed. Include information such as the potential dimensions of the crossing, the ordinary high water mark, and the height above the bed of the waterway.

IR Number: TC – Access Road 3
Source: Transport Canada
To: Canadian Zinc Corporation
Subject: Seasonal construction of the access road, frozen soil beds
References: DAR 6.2.2

Preamble:
The construction of the access road will incorporate frozen soil beds, as an alternative to ice roads. It is identified that the frozen soil beds will be built by clearing and roughly leveling the bed, and then allowing the ground to freeze.

Request:
Provide additional details for the construction of the frozen soil beds, specifically:

- Any additional materials that will is integrated in the construction of the road; such as log fills
- If all materials will be removed before the end of the winter season
- The yearly estimate of the volume of snow and ice required for road construction
- Dates when access to the frozen soil beds will be operational for the saeson.

IR Number: TC – Access Road 4
Source: Transport Canada
To: Canadian Zinc Corporation
Subject: Nahanni Front Range Alternative (Km 125 to Km 170), ice bridge crossing the Liard River
References: DAR 6.21

Preamble:
The Nahanni Front Range Alternative will cross the Liard River via an ice bridge in the vicinity of Swan Point. After crossing the ice bridge, the route joins an old logging road which follows the east side of the Liard River to join into the existing Nahanni Butte all season road.

Request:
Provide additional details for design/construction of the ice bridge, specifically:

a. Additional materials to be incorporated in the construction of the crossing.
b. Projected dates for the season when the ice bridge will be in operation.
c. Projected dates when all parts of the works will be removed from the water way.
d. The yearly estimate of the volume of snow and ice required for the construction of the crossing

IR Number: TC – Access Road 5
Source: Transport Canada
To: Canadian Zinc Corporation
Subject: Seasonal operation of winter and ice roads
References: DAR 6.21, 6.22

Preamble:
The optimization of the access roads is anticipated to reduce environmental, logistical and economic risks. The re-alignment of the route will utilize both winter and ice roads.

Request:
- Provide the details with regards to the construction, timing, and operation of the winter and ice roads.