



Mackenzie Valley Environmental Impact Review Board

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From:	Joe Acorn	Fax:	(867) 766-7074
Date:	Oct. 22, 2002	Pages:	(including cover page) 4
To:	Peter Campbell Canadian Zinc	Fax:	(604) 688-2043
		cc:	
Re:		File #:	

MESSAGE:

Here are the comments from DFO and NNPR.

Joe

FAXED
22/10/02

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Fisheries
and Oceans

Pêches
et Océans

Fish Habitat Management
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Your file / Votre référence
EA01-002/003

Our file / Notre référence
SC00188

16 October, 2002

Mackenzie Valley Environmental Impact Review Board
Box 938
200 Scotia Centre, 5102-50th Ave
Yellowknife, NT X1A 2N7

Attention: Todd Burlingame

**RE: Mackenzie Valley Environmental Impact Review Board – Draft
Information Request, Environmental Assessment on the Canadian Zinc
Corporation Underground Decline/Exploratory Drilling and Metallurgical
Pilot Plant Developments**

Dear Mr. Burlingame:

The Department of Fisheries and Oceans (DFO) has reviewed the draft Information Request (IR) submitted by the Mackenzie Valley Environmental Impact Review Board (MVEIRB) for comment.

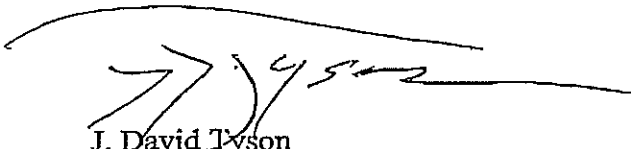
In the original Report on the Environmental Assessment, the MVEIRB recommended preventative and remedial measures (Recommended Measures) it felt necessary to prevent and mitigate significant adverse impacts (SAI). A number of DFO's concerns raised in our 10 June, 2002, letter to DIAND and copied to MVEIRB regarding the Recommended Measures pertaining to water and waste management have been incorporated into the draft IR. However, DFO notes that the draft IR is limited to the consideration of alternate effluent treatment. DFO maintains, however, that a number of the Recommended Measures were identified by DFO as IRs and that this requested information is pertinent to the Environmental Assessment of the proposed project. DFO therefore recommends that the following additions be made to the draft IR:

- That CZN provide the MVEIRB a geotechnical assessment and engineering certification as to the suitability of the tailings facility
- That CZN provide the MVEIRB a geotechnical assessment and engineering certification as to the suitability of the tank farm facility

Canada

- CZN update its Probable Maximum Flood (PMF) calculations for floor evaluations using at least the data available from 1975 to 1990, including data from the weather station at the Virginia hydrometric gauge
- That CZN provide the MVEIRB an accurate verifiable estimate of the discharge volume from the 870m portal.
- CZN have a professional engineer certified to practice in the Northwest Territories ascertain and report on the geotechnical stability of the tailings facility using the most recent and appropriate waters data from the Water Survey of Canada

If you have any questions, please feel free to contact the me at (867) 669-4919 or by fax at (867) 669-4919.



J. David Tyson
Area Habitat Biologist
Fish Habitat Management - Western Arctic Area
Department of Fisheries and Oceans

cc: Julie Dahl - Area Chief, Habitat, DFO



Nahanni National Park Reserve
P.O. Box 348
Fort Simpson, NWT
X0E 0N0

October 16, 2002
Luciano Azzolini
Mackenzie Valley Environmental Impact Review Board
P.O. Box 938
Yellowknife, NT
X1A 2N7

Dear Mr. Azzolini:

RE: Draft Information Request to Canadian Zinc Corporation

As requested in your letter dated October 11, 2002, Parks Canada has reviewed the draft IR for Canadian Zinc Corporation and offer the following comments for your consideration:

Parks Canada supports the requirement for CZN to describe the effectiveness of proposed treatment processes to reduce the concentrations of parameters in the recently published report entitled "Historical Water Quality of the Prairie Creek Project Area" (INAC, 2002). This requirement is consistent with the approved 1994 Nahanni National Park Management Plan which states (p.8): "Parks will establish management strategies that ensure rivers within the park remain free-flowing, unpolluted wilderness waterways, and that no unnatural change in park water quality results from the water flow into the park."

Furthermore, this requirement would support the water quality monitoring that Parks Canada has carried out co-operatively with Environment Canada from 1988-1991, and in a follow-up study from 1992-1997. The objectives for these studies included the following:

1. Characterize variability of water quality variables associated with the mining industry.
2. Develop water quality objectives for major streams entering the Park (note: includes Prairie Creek).
3. Design an on-going water quality monitoring program for monitoring compliance with the water quality objectives.
4. Supply development proponents and environmental impact assessment responsible agencies with baseline information to assist them in the design of multi-year baseline aquatic quality monitoring programs and water licences throughout the entire life of a mine or other development.

The information to be provided by CZN on the effectiveness of the treatment processes is essential in assessing the significance of Canadian Zinc activities on the water quality of Prairie Creek, based on historic water quality values as identified in the INAC report.

Furthermore, Parks Canada supports the IR to assess the impact of the discharge of other solid, liquid or gaseous waste products or emissions. This is consistent with concerns that we had addressed earlier with respect to discharges from the tank farm facilities and minewater discharges from the existing portal, the new decline and site runoff to Harrison Creek.

If you have any questions or concerns, please do not hesitate to call me at (867) 695-3151.

Yours sincerely,

Signed by Suzanne Therrien-Richards