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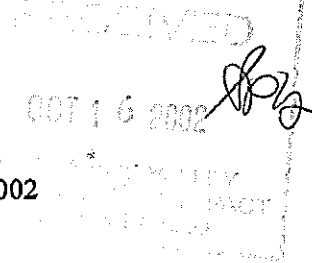
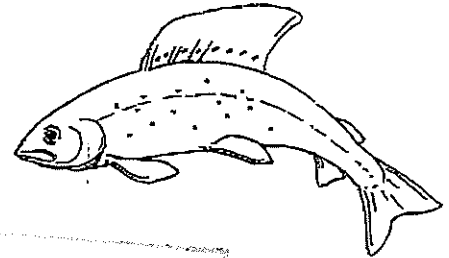
Fish Habitat Management
Suite 101, 5204 - 50th Avenue
Yellowknife, Northwest Territories
X1A 1E2

TO/A:

Mr. Louie Azzolini
Environmental Assessment Officer
Mackenzie Valley Environmental Impact
Review Board
Box 938
200 Scotia Centre, 5102-50th Ave
Yellowknife, NT X1A 2N7
Fax (867) 920-4761

16 October, 2002

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MESSAGE

Enclosed please find DFO-FHM comments on the following:

DFO-FHM File No. SC00188
MVEIRB File No. EA01-002/003

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

FROM/DE:

J. David Tyson
Area Habitat Biologist
Western Arctic Area

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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:

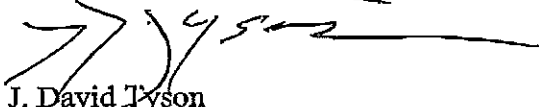
The Department of Fisheries and Oceans (DFO) has reviewed the draft Information Request (IR) submitted by the Mackenzie Valley Environmental Impact Review Board (MVEIRB) for comment.

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

- 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