

Facsimile
Mackenzie Valley Environmental Impact Review Board

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From: Joe Acorn, EAO
Pages: 4 including this cover
Date: Friday, October 18, 2002
File: EA01-003 Decline and Metallurgical Pilot Plant

Subject: Review Board Information Request Issued to Canadian Zinc

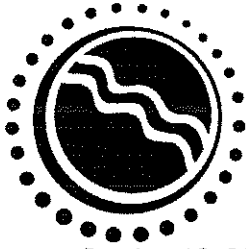
Please see the attached.



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From.....

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Mackenzie Valley Environmental Impact Review Board

October 18, 2002

Review Board File: EA01-003

Peter Campbell
Vice-President Project Affairs
Canadian Zinc Corporation (CZN)
Suite 1202, 700 West Pender Street
Vancouver, BC V6C 1G8

Dear Mr. Campbell:

Re: Information Request (IR) to CZN

The Mackenzie Valley Environmental Impact Review Board (Review Board) is issuing the attached Information Request (IR) to Canadian Zinc Corporation (CZN). The Review Board is requesting that CZN provide the Review Board with a response to this IR by November 1, 2002.

If you have any questions, please contact me at (867) 766-7052 or jacorn@mveirb.nt.ca.

Sincerely,

A handwritten signature in cursive script that reads "Joe Acorn".

Joe Acorn
Environmental Assessment Officer

Attachment

**Canadian Zinc Corporation (CZN)
Underground Decline/Exploratory Drilling and
Metallurgical Pilot Plant Developments**

Review Board Information Request No. 1¹

Reference: Sept. 3, 2002 letter to the Review Board from Robert Nault, the Minister of Indian and Northern Affairs Canada (INAC).

ToR Line: Not Applicable

To: Canadian Zinc Corporation

Deadline: November 1, 2002

Preamble: In his Sept. 3rd letter, Minister Nault stated:

“Canadian Zinc Corporation has not provided a detailed description of its alternative proposal to treat (if necessary) and discharge all effluent (from plant to decline) to the receiving environment if the integrity of the tailings facility is not proven, and the use of the tailings pond is subsequently removed from the development plan. If the Board’s intent is that the geotechnical assessment of the tailings pond is to be provided at the regulatory stage, then CZN must be required to provide detail on any proposed treatment options at the assessment stage. The reviewers and the Board must have an opportunity to assess the adequacy of any proposed treatment options and associated impacts should the geotechnical assessment conclude that the use of the tailings pond is not appropriate.”

Request: Please provide the following information:

- (a) Describe the equipment and procedures that will be used in the treatment of water effluent from the proposed development.
- (b) Describe the effectiveness of any proposed treatment process to reduce concentrations of the constituents referenced in the report entitled *Historical Water Quality of the Prairie Creek Project Area*¹, and in regulations, guidelines and Acts that may be applicable.
- (c) Identify concentrations of all treated effluent constituents that can be achieved by using the proposed treatment

¹ Indian and Northern Affairs Canada. (2002). Historical Water Quality of the Prairie Creek Project Area. An analysis of water quality data available for the Prairie Creek area from 1980 to 1999.

process. Provide all supporting evidence that the proposed treatment process will achieve these concentrations given any site-specific operating conditions and the nature of the raw effluent.

- (d) Provide an analysis of the environmental impacts, as defined in the MVRMA, including cumulative impacts, for the discharge of the treated effluent water directly to the environment.
- (e) Assess the impact on the environment of the discharge of any other solid, liquid or gaseous waste products or emissions generated in connection with the proposed water treatment process (e.g., solid content of waste sludge, flue gas of any incinerated materials.)
- (f) Provide an accurate verifiable estimate of the discharge volume from the 870 m portal.