

Final

Appendix C

Guidance Regarding the Discharge Permit

The Province is in receipt of a letter, dated March 30, 2004, from the Ministry of Water, Land, Air Protection (MWLAP) regarding the terms and conditions of the Discharge Permit, and is preparing a response. Although some of the terms of the permit may change, the Province is not intending to take exception to the control parameters for the chemical and physical characteristics of the effluent, which are shown below.

The Ministry of Sustainable Resource Management's (MSRM) response is posted in the Britannia Mine RFP data room. The letter from WLAP, dated March 30, 2004, should be available on the WLAP Britannia correspondence website, which is available as a link from the project website (www.britanniamine.ca). If the WLAP website does not contain the March 30, 2004 letter, MSRM will post the WLAP letter in the Britannia Mine RFP data room along with the MSRM response. The Province will keep Proponents advised of developments during the proposal period by posting updated correspondence in the RFP data room.

Requirements of WMA Discharge Permit PE-17469

Discharge Characteristics

The permit for the discharge of effluent under the *Waste Management Act* (WMA) is currently in a draft form. The following listing presents the control parameters as stated in this draft Discharge Permit. An exceedance of the criteria established in the Discharge Permit is a violation of the WMA.

<u>Parameter</u>	<u>Limit</u>
dissolved copper	≤ 0.1 mg/L,
dissolved iron	≤ 0.1 mg/L,
dissolved zinc	≤ 0.2 mg/L,
dissolved aluminium	≤ 1 mg/L,
dissolved manganese	≤ 0.4 mg/L,
dissolved cadmium	≤ 0.01 mg/L,
total suspended solids	≤ 30 mg/L,
pH range	6.5 to 9.5, and
96HRLC50 fish bioassay	100% survival (non-acutely toxic)

Additional parameters specific to the treatment process may be added to the final permit.

Sampling and Flow Measurement Procedures

Sample collection and flow measurements shall be carried out in accordance with procedures described in the latest version of the *British Columbia Field Sampling Manual for Continuous Monitoring Plus the Collection of Air, Air Emission, Water, Wastewater, Soil, Sediment and Biological Samples, (1996 Permittee Edition)*, or by suitable alternative procedures as authorized by the Director.

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Chemical Analysis

Samples shall be analysed for chemical parameters in accordance with procedures described in the latest version of the *British Columbia Environmental Laboratory Manual for the Analysis of Water, Wastewater, Sediment and Biological Samples*, (1994 Permittee Edition), or by suitable alternative procedures as authorized by the Director.