

Version 3 Hammond Reef Gold Project EIS/EA – Addendum (Part B)
Responses to Provincial Information Requests

1656263

Identifier	Topic	Reference to EIS/EA Report	Summary of Comment	Proponent's Response	Subsequent Comment
			<i>Date: March 2014</i>	<i>Date: June 2015</i>	
MOE SW-17	Water Quality – Effluent Discharge Modelling	EIS/EA §6.2.2	Section 6.2.2 (Water Quality) indicates that water quality modelling was done to predict mercury concentrations in Upper Marmion Lake during operations.	<p>A mass balance model was used to assess site water quality. Details on the modelling methods and underlying assumptions are provided in Sections 3.0 and 4.0 of the Site Water Quality TSD. Following receipt of comments on the Final EIS/EA Report and discussions with the Government Review Team at a meeting on April 28, 2014, additional information on the water quality modelling, including example calculations has been provided in the memorandum entitled 'Water Quality Background Information' included in Part D of the Addendum to the Version 3 EIS/EA. this supplemental information package.</p> <p>Mercury concentrations were included in the overall mass balance model for the site and basin, however since additional mercury inputs resulting from mining are not expected and the increase in sulphate values are not expected to change the redox state of Marmion Basin, the mercury values were not carried forward for more detailed evaluation or modelling.</p> <p>Monitoring of mercury concentrations in Marmion basin will continue in operations, and a re-evaluation of impacts of mercury would be completed should results indicate increasing trends in dissolved mercury concentrations.</p>	MOE SW-17B