

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-14	Hydrology - Modelling	EIS/EA §6.1.3.1.2	Section 6.1.3.1.2 discusses the changes to stream flows on and adjacent to the Project Area due to loss of watershed area from the project. It indicates that hydrologic modelling was used to determine the predicted reductions in flow due to loss of watershed area that are presented in table 6-15. More details need to be provided regarding what models were used and their limitations in order to assess the process used and to ensure confidence in the predicted values.	<p>The Hydrologic Modeling System (Version 3.5) developed by the United States Army Corps of Engineers Hydrologic Engineering Center (HEC-HMS) was used for continuous simulations of the precipitation-runoff processes in the Lynxhead-Trap-Turtle Bays watershed. Modelling details, including inputs, assumptions, limitations and, model setup, and calibration are provided in the Appendix 5.II in Part B of the Version 2 Hydrology TSD. This appendix was prepared after submittal of Draft EIS/EA in response to comments provided by the Government Review Team.</p> <p>The model calibration was based on only 16 months of observed flow and lake water level data in the watersheds. Baseline data continues to be collected for the Project, and this additional data will be used to refine model calibration and for model validation in the future.</p>	MOE SW-14B