

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 Previous Comment	Proponent's Response to Previous Comment	Follow-up comment/ Request for Information	New Proponent Response	Subsequent Comment
			<i>Date: March 2014</i> EMRB-8	<i>Date: June 2015</i>	<i>Date: August 2015</i>		
EMRB-8B	Air Quality, Linear Infrastructure, Modelling	Atmospheric Environment TSD §2.2. §3.1.4.2	The report indicated that a 1 km stretch of roadway in the Linear Infrastructure Area was modelled to determine the distance from the road at which emissions are negligible. The results of this modelling do not appear to be shown in the report. A figure or table that demonstrates how far the plume travels should be included.	For results of the roadway emissions modelling, see <i>attached</i> Table EMRB-8-1 in Attachment 5 of this Addendum . The predictive equation in U.S. EPA AP-42 Chapter 13.2.2 "Unpaved Roads" (November 2006) was used to calculate the fugitive dust emissions from the unpaved roadways as discussed in the response to Information Request EMRB-2. Natural mitigation alone would account for a control factor of at least 44% (160 days per year with measurable precipitation (see Table 2-2 in the Atmospheric TSD)). In addition there will also be BMPs implemented on this road as needed, which will further reduce emissions. Therefore an overall control factor of 50% was used in the calculations.	For the most part, the response sufficiently addresses the concern/question. However, see the response to Question EMRB-2 with respect to use of natural mitigation in short term model predictions. Also, the control efficiency for these roadway sources differs from that outlined in the response to EMRB-2, where 80% was used. Please confirm that this is a typographical error or explain the rationale for the difference in the control factors.	See response to EMRB-2 (EMRB-2C): <i>"The control factors used for the roadways have been updated to remove any reduction due to natural mitigation. The results of the revised dispersion modelling assessment, including the assumptions related to mitigation measures are provided in the attached memorandum.</i> <i>A Best Management Practices Plan (BMPP) has been prepared for the site and is provided as an attachment. The BMPP describes the mitigation measures that will be implemented during constructions and operations. Section 4.1.2 of the BMPP details the measurement of silt loadings and ambient monitoring that will take place at the site.</i> Attachment: <i>Technical Memorandum: Revised Emission Rate Assumptions and Dispersion Modelling Results – Hammond Reef Gold Project</i> Attachment: <i>Best Management Practices Plan for the Control of Fugitive Dust – Hammond Reef Gold Project. Version 1.0"</i>	N/A