

**Table A - IR2: Information Requests Derived from the Canadian Malartic Corporation’s Responses to Information Request #1 (IR1) on the Final Environmental Impact Statement /Environmental Assessment Report for the Federal Environmental Assessment of the Hammond Reef Gold Mine Project**

Reference #	Link to IR1	Ecosystem Topic	Reference to EIS Guidelines	Reference to EIS	Summary of Comment/ Rationale	Information Request Response to Information Request
T(2)-03	T-38, T-51	Water Quality	10.2.3.1	<p>Site Water Quality TSD Parts A and B</p> <p>Conceptual Closure and Rehabilitation Plan TSD Parts A and B</p> <p>EIS Appendix 1.IV</p>	<p>The proponent indicated pit water quality will be monitored annually starting the first year after closure (i.e. after decommissioning), until a stable chemical composition is reached or until discharge occurs. Following that, overflow discharge will be monitored monthly until 5 years of acceptable results have been obtained.</p> <p>There is concern that there is too much leeway in how “stable chemical composition” could be defined. It is a vague description for the final water quality of an important project component. It is unclear what length of time stable values would need to be observed before pit water quality monitoring would cease.</p> <p>A further issue is that chemical compositions could reach a stable state, but may exceed target concentrations. It is unclear if water quality monitoring would cease or continue in such a situation.</p>	<p>Provide additional information on the criteria that will be used to determine when pit water quality has reached a stable state. Specifically, indicate:</p> <ul style="list-style-type: none"> <li>the parameters and their attributes (e.g. range of variability) that will be used as indicators of stability;</li> <li>how long the parameters will need to be stable for them to be considered stable; and</li> <li>whether monitoring will continue if pit water quality is stable but in exceedance of water quality objectives.</li> </ul> <p><b>Response:</b></p> <p>After decommissioning and cessation of pit dewatering, standing water in the open pits will be sampled if possible based on safety considerations. Sampling will occur on an annual basis and water quality will be monitored according to the parameters listed in O. Reg. 240/00, and any other parameters contained in the Environmental Compliance Approval (ECA) requirements that are not mentioned in O. Reg. 240/00. Concentrations will be compared to the concentration limits established during operations, as stated in the ECA document, and monitored for change over time. Monitoring will continue as follows:</p> <ul style="list-style-type: none"> <li>If concentrations are determined to exceed the limits of the ECA and to be increasing with time, monitoring will continue.</li> <li>If concentrations are determined to exceed the limits of the ECA but are not increasing with time, an application will be made to the MOECC and MNM to reduce the monitoring frequency and/or reduce the number of parameters tested.</li> <li>If concentrations are determined to be within the limits of the ECA document and not increasing with time, an application will be made to the MOECC and MNM to cease monitoring of standing water in the open pit water until the pits begin to discharge.</li> </ul> <p>Upon pit discharge, monitoring will recommence for a period of five years. Sampling will occur monthly and water quality will be monitored according to the parameters listed in O. Reg. 240/00, and any other parameters contained in the Environmental Compliance Approval (ECA) requirements that are not mentioned in O. Reg. 240/00. The water quality will be assessed after one year of monitoring, and if warranted, an application will be made to the MOECC and MNM to reduce the monitoring frequency and/or reduce the number of parameters tested. Although not expected based on the results presented in the EIS/EA, if discharge concentrations exceed the concentration limits of the ECA document, the MOECC and MNM will be notified and measures will be implemented to ensure compliance with the ECA.</p>