

**SECTION 14 INCIDENT REPORT (*Waste Management and Pollution Control Act*)**

<b>Date and Time of Notification:</b>	10 February 2017 14:00
<b>Person / Company:</b>	Paul McHugh Newmarket Gold Inc
<b>Incident:</b>	Discharge of water via the spillway from Dam 3 at the Cosmo Howley Gold Mine

<b>(a) the incident causing or threatening to cause pollution</b>	Overnight rainfall, in conjunction with pump failure, has resulted in water levels in Dam 3 to increase to above the spillway height. Water is flowing over the spillway at approximately 150L/s to the wetland downstream and on into Creek 5.
<b>(b) the place where the incident occurred</b>	Dam 3 at the Cosmo Howley Gold Mine. Dorat Road, Hayes Creek.  Spillway location: 756248 mE 8506287 mS
<b>(c) the date and time of the incident</b>	It is approximated that discharge commenced early in the morning of the 10 <sup>th</sup> of February.  Discharge noted during the daily inspection and sampling of water management infrastructure conducted at the CHPA at approximately 10:00 am.
<b>(d) how the pollution has occurred, is occurring or may occur</b>	Current estimates of flow (visual observation) is that approximately 150 L/s is reporting to the downstream wetland from this structure.  Dam 3 routinely discharges during an average wet season and the current flow rate is not sufficient to scour the existing drainage lines. The gauging station installed at monitoring point CHCK06 is reporting the following parameters:  Creek Height: 4.52m. <b>NB</b> – The rating table developed for Creek 6 is projected beyond a creek height of 2 metres. The bank height is surveyed at 3.92m. At the bank height the flow rate is approximated at 25.7 m <sup>3</sup> /s. Howley creek has broken its banks and flow is considerably in excess of 25.7 m <sup>3</sup> /s.  EC: 159 µS/cm pH: 6.62  Further detail of water chemistry is attached to the email accompanying this submission.

<p><b>(e) the attempts made to prevent, reduce, control, rectify or clean up the pollution or resultant environmental harm caused or threatening to be caused by the incident</b></p>	<p>An inspection of the structure was undertaken this morning which noted that flow was via the spillway and through the pipes under the road to the wall of Dam 3. The sustained flow is directed away from the dam and as such was not causing damage to the wall structure.</p> <p>The pump located at Dam 3 to return water to the Howley Streak has broken down. Boggy conditions are preventing replacement of that pump. Efforts to gain access are ongoing. A replacement pump has been transported to near Dam 6 along firm road access. Clean rock fill has been ordered and will be tipped at that access point until such time as repairs to the road may be possible.</p>
<p><b>(f) the identity of the person notifying the NT EPA</b></p>	<p>Paul McHugh Environment and Community Manager</p>