

Charles Horrell

From: Peter Cochrane <PCochrane@tonkintaylor.co.nz>
Sent: Tuesday, 4 October 2016 6:29 p.m.
To: Charles Horrell
Subject: RE: Oceana Gold Coronation North

Hi Charles

Here is a suggested consent condition... I'll give you a call to talk through.

Background

Appendix 4 of the AEE predicts that the 5th percentile flows at monitoring point MB02 following Stage 3 will be well above current baseline (3L/s versus 0.6 L/s as shown in Table 20 of Appendix 4, page 31). The Applicant hasn't proposed monitoring of flow at MB02, and I don't believe that flow is currently being monitored, so I've proposed that they develop a method to monitor flows at MBO2, for ORC approval and then monitor, with a condition that requires them to report to you if low flows fall below that currently present in MB02.

Suggested conditions

1. The consent holder shall develop a method to continuously monitor low flow at compliance point MB02 and submit the method for approval by the Otago Regional Council acting in a technical certification capacity.
2. The method shall be sufficient to instantaneously measure low flow to 0.6 litres per second.
3. The consent holder shall monitor flow at MB02 in accordance with the methodology approved by the Otago Regional Council.
4. In the event that the average daily 5th percentile low flow at MB02 falls below 0.6L/s the consent holder shall engage a suitably qualified hydrologist to assess the effects of mining on low flow in the Mare Burn Catchment and report to the Otago Regional Council on its conclusions. In the event that the taking of groundwater for mining purposes has resulted in the average daily 5th percentile low flow measured at MB02 falling below 0.6 L/s the report shall include methods proposed by the consent holder to avoid adverse effects on low flow in the Mare Burn Catchment.
5. The results of monitoring shall be submitted to the Otago Regional Council annually.
6. Any report prepared under condition 4 shall be submitted to the Otago Regional Council within three months of the consent holder measuring an average daily low flow of less than 0.6L/s.

From: Charles Horrell [mailto:Charles.Horrell@orc.govt.nz]
Sent: Tuesday, 4 October 2016 9:32 a.m.
To: Peter Cochrane <PCochrane@tonkintaylor.co.nz>
Subject: RE: Oceana Gold Coronation North

Yes that sounds great.

Cheers

From: Peter Cochrane [mailto:PCochrane@tonkintaylor.co.nz]
Sent: Tuesday, 4 October 2016 9:05 a.m.
To: Charles Horrell
Subject: Re: Oceana Gold Coronation North

What I am thinking is a condition requiring monitoring with a trigger level that triggers a s128 review or requires Oceania to investigate, propose and adopt some form of management intervention. My preference would be a S128 review.