

From: [McLean, Sarah](#)
To: [Angela Love](#)
Subject: RE: MV2005L2-0015 - De Beers Gahcho Kue - Water Collection Ponds Dyke Construction and Management Plan (Version 1)
Date: July-13-16 11:53:21 AM

Hi Angela,

Answers to the additional questions are below in blue ink.

Best wishes,

Sarah

From: Angela Love [mailto:angela.love@mvlwb.com]
Sent: Friday, July 08, 2016 2:43 PM
To: McLean, Sarah <Sarah.McLean@debeersgroup.com>
Subject: MV2005L2-0015 - De Beers Gahcho Kue - Water Collection Ponds Dyke Construction and Management Plan (Version 1)

File: MV2005L2-0015

Hi Sarah,

I'm wondering if you would be able to answer the following questions that the consultant has regarding the Water Collection Ponds Dyke Construction and Management Plan:

RE: ENR -2: The figure was helpful but did not quite answer the question about overflow. The other collection ponds that have constructed berms have culverts in them in case of overflow, i.e. "In the event that more freshet runoff is expected and/or pumping activity was delayed or suspended during the freshet period" as stated in section 6.4 Spillway Design Summary. It is understood that water collected in CP7 and CP8 will be pumped to CP1 or CP5 or other designated storage area - but in the case that pumping is delayed or freshet is higher than expected, can De Beers confirm where water from CP7 and CP8 will flow?

ENR -2 Proponent Response:

If CP8 overflows, water will flow into Area 6 or Hearne Pit.

CP7 is designed to be pumped to Area 7. The pumping capacity is based on a 1:100 event to minimize the risk of an overflow. The critical event is during spring freshet, assumed to occur over a 7 day period. In the unlikely event of an overflow, water will flow towards natural lowland and eventually towards an unnamed lake southeast of CP7 in Watershed X.

RE: ENR-8: The question was not answered: What is a "target level"? It is not mentioned anywhere else in the document.

ENR – 8 Proponent Response:

The term "target level" is the same as "Action level". The term "target level" will be changed to

“Action Level” in future submissions.

If you have any questions, please let me know.

Thanks,
Angela

Angela Love, EP

Regulatory Officer

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