



Mackenzie Valley Land and Water Board
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August 25, 2016

File: MV2005L2-0015

Ms. Sarah McLean
 De Beers Canada Inc.
 Gahcho Kué Project
 Suite 300, 5120-49th St.
 YELLOWKNIFE NT X1A 1P8

Email: Sarah.McLean@debeersgroup.com

Dear Ms. McLean:

Follow Up Information Requested – Rock Placement Verification Program Report De Beers Canada Inc. (De Beers) – Gahcho Kué Mine

The Mackenzie Valley Land and Water Board (MVLWB or the Board) staff reviewed the Rock Placement Verification Program Report submitted on April 25, 2016, the review comments/recommendations received on the Online Review System dated June 1 and July 15, 2016, and the De Beers' responses to the comments/recommendations received on June 23 and July 22, 2016. Board staff is requesting further clarification on comments received during the review to assist with their analysis before taking the item to the Board for decision. Specifically, the MVLWB staff request the submission of the following information from De Beers by **September 16, 2016**:

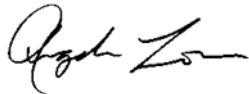
Reviewer Comment Number	Topic	Information Requested
ENR – 1 and MVLWB – 7	Verification of PAG Segregation and Placement	<p>From the period of Sept 2014 to Feb 2016, approximately 2/3rds of the total volume placed in Zone 2 is non-PAG. De Beers should confirm at which point PAG capacity may become a constraint on operations and what conditions might lead to this constraint. This includes compounding effects of larger PAG domains being moved to PAG storage as well as non-PAG domains due to insufficient analytical data turnaround time.</p> <p>De Beers responded that: <i>“We have examined the remaining potential capacity for PAG storage in SMRP and confirmed that there is sufficient capacity.”</i></p> <p>Further clarification required: Please provide the details of those calculations, i.e. what is the remaining capacity for PAG storage?</p>

MVLWB – 2	PAG Identification Pre-Excavation Sampling	Further clarification required: Does the revised sampling method include a composite for the full length of the hole, or a composite for each 3-metre interval? It is expected that a composite across an entire hole length may result in dilution of smaller PAG zones.
MVLWB – 4 and 6	PAG Zones and Data Trends	Further clarification required: Please support your approach to not conducting step out sampling for non-PAG and how this approach provides the confidence that PAG zones are not being overlooked.
MVLWB – 11	Sampling and Testing Methods of Blasted Rock	Further clarification required: Please confirm whether or not grain size, specific to sampling or testing, was completed.

Upon receipt of this information, Board staff will continue to process the Rock Placement Verification Program Report and it will be brought to the Board for decision.

If you have any questions or concerns, please contact Angela Love at (867) 766-7456 or email angela.love@mvlwb.com.

Yours sincerely,



Angela Love
Regulatory Officer

Copied to: Distribution List

From: [Angela Love](#)
To: Sarah.McLean@debeersgroup.com
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Subject: MV2005L2-0015 - De Beers Gahcho Kué - Rock Placement Verification Program Report - Follow Up Information Requests
Date: Thursday, August 25, 2016 1:36:38 PM
Attachments: [MV2005L2-0015 - De Beers Gahcho Kue - Follow Up Information Requests - Aug 25 16.pdf](#)

File: MV2005L2-0015

Good Afternoon Sarah,

Please see the attached document pertaining to the Dyke Construction and Management Plan for Water Collection Ponds.

If you have any questions or require further clarification, please let me know.

Regards,
Angela

Angela Love, EP

Regulatory Officer

Mackenzie Valley Land and Water Board

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