

Diavik Diamond Mines (2012) Inc. P.O. Box 2498 Suite 300, 5201-50th Avenue Yellowknife, NT X1A 2P8 Canada T (867) 669 6500 F 1-866-313-2754

Processed Kimberlite to Mine Workings Project (PKMW) Communication Record Form

Date of Meeting: July 12, 2019

Location of Meeting: DDMI Corporate Office and via teleconference

DDMI Team Member Name(s): Sean Sinclair and Kofi Boa-Antwi

Stakeholder Group Engaged: Environment and Climate Change Canada (ECCC)

Stakeholder Representative(s): Russell Wykes and Meagan Tobin

Topic of Discussion: ECCC's Information Requests (IRs) and DDMI's responses to the IRs

Summary of Discussion: DDMI's discussion with ECCC focused on DDMI's responses to ECCC's IR#1 to #7 as submitted to the Mackenzie Valley Environmental Impact Review Board (MVEIRB) as part of the ongoing Review of the Processed Kimberlite to Mine Workings Project.

The following were the meeting outcomes:

- ECCC is satisfied with DDMI's response to ECCC IR#1 and considers issue(s) associated with this IR to be resolved.
- Following a review of DDMI's response to ECCC IR#2, ECCC requested that DDMI provide additional details of the monitoring program, including water quality sampling, to be implemented by DDMI to confirm that pit water quality is stable prior to any dike breach. ECCC is to review DDMI's response to MVEIRB IR#10 (Establishing re-connection criteria) to confirm that the response addresses ECCC IR#2. ECCC will confirm whether issues associated with ECCC IR#2 have been resolved following its review of DDMI's response to MVEIRB IR#10.
- ECCC indicated that it continues to have concerns about DDMI's predictions regarding the stability of meromixis for the A21 mine workings as noted in ECCC IR#3. For context, DDMI has provided ECCC with the updated water quality modelling presented in Appendix 3 (an erratum to DDMI's response to the Wek'èezhìı Land and Water Board (WLWB) IR#5), which was part of DDMI's response to MVEIRB's first set of IRs issued on April 18, 2019. ECCC will confirm whether issues associated with ECCC IR#3 have been resolved following its review of the referenced information noted by DDMI.
- ECCC is to review Appendix 3 (Erratum to DDMI Response to WLWB Information Request #5 from the Technical Session for the Water Licence Amendment) from DDMI's response to MVEIRB IRs# 1-25. ECCC will confirm whether issues associated with ECCC IR#4 have been resolved following its review of Appendix 3.
- ECCC is generally satisfied with DDMI's response to ECCC IR#5, including indication that preliminary results from the University of Alberta generally support the use of processed kimberlite (PK) slurry data as representative of the fine processed kimberlite (FPK) that will be deposited in the mine workings. ECCC also noted that it looks forward to reviewing final results

RioTinto

RioTinto

Diavik Diamond Mines (2012) Inc. P.O. Box 2498 Suite 300, 5201-50th Avenue Yellowknife, NT X1A 2P8 Canada T (867) 669 6500 F 1-866-313-2754

of the consolidation and pore water testing underway at the University of Alberta, which are expected to be completed later in 2019. DDMI considers issues associated with this IR to be resolved.

- ECCC noted that it is satisfied with DDMI's response to ECCC IR#6 and considers issue(s) associated with this IR to be resolved.
- ECCC noted that it is satisfied with DDMI's response to ECCC IR#7 and considers issue(s)
 associated with this IR to be resolved.

DDMI Commitment(s):

- Sharing results of the consolidation and pore water testing underway at the University of Alberta
 with stakeholders, including ECCC, once the study is complete. Results of the study will inform
 advancement of detailed design for the project post-environmental assessment.
- 2. Updating the wildlife monitoring program for Diavik to include the PKMW Project. The updated monitoring program will support site monitoring to determine whether migratory birds, including waterfowl, interact with pit(s)/mine workings during infilling and prior to stabilization of water quality.
- 3. Implementation of an updated Spill Contingency and Emergency Response Plan to mitigate potential impacts to migratory birds and species at risk from accidents and malfunctions related to pipeline failure or a pit lake destratification event.

Stakeholder Commitment(s): N/A

Outstanding Issues: N/A

Action Required: see DDMI commitments above.

Other Comments: N/A

Signature of Stakeholder Representative: Russell Wyke,

Signature of DDMI Representative: Sean Sinclair

Date: July 19, 2019