| Board:       | WLWB                                      |
| Review Item: | Diavik - A21 Underground Amendment - Draft Water Licence (W2015L2-0001) |
| File(s):     | W2015L2-0001                             |
| Document(s): | [Diavik - WL Amendment Application- A21 Underground - DRAFT Water Licence - Track Changes - May 28_20](1178 KB) |
|             | [Diavik - WL Amendment Application- A21 Underground - DRAFT Water Licence - Clean Copy - May 28_20](1161KB) |
| Item For Review Distributed On: | May 28 at 14:01 [Distribution List](#) |
|             | May 28 at 14:02 [Distribution List](#) |
| Reviewer Comments Due By: | June 11, 2020 |
| Proponent Responses Due By: | June 18, 2020 |

**Item Description:**

The purpose of this draft Water Licence is to allow reviewers to comment on possible conditions. These draft materials are not intended to limit, in any way, the scope of reviewers’ comments.

The Board is not bound by the contents of the draft Licence and will make its decision at the close of the proceeding on the basis of all the evidence and arguments filed by all parties. Please note that review comments and recommendations on the draft Licence must not introduce new evidence at this point in the proceeding.

Using the Online Review System (ORS), reviewers are invited to submit comments and recommendations on the documents linked below by the review comment deadline specified. Please clearly indicate which condition you are commenting on.

All documents that have been uploaded to this review are also available on our public Registry. If you have any questions or comments about the ORS or this review, please contact Board staff identified below.

**Contact Information:**

Anneli Jokela 867-765-4588  
Kassandra DeFrancis 867-765-4581
## Comment Summary

### Diavik Diamond Mines (2012) Inc. (Proponent)

<table>
<thead>
<tr>
<th>ID</th>
<th>Topic</th>
<th>Reviewer Comment/Recommendation</th>
<th>Proponent Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General File</td>
<td>Comment <a href="#">doc</a> Cover Letter Re DDMI Response to Reviewer Comments_Draft WL_A21 Below Pit</td>
<td></td>
</tr>
</tbody>
</table>

### Environment and Climate Change Canada: Russell Wykes

<table>
<thead>
<tr>
<th>ID</th>
<th>Topic</th>
<th>Reviewer Comment/Recommendation</th>
<th>Proponent Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A21 Underground SNP Station</td>
<td><strong>Comment</strong> The draft licence does not include an additional SNP station associated with the A21 Underground Operations. An additional station should be added associated with the A21 underground pump and dewatering sumps to characterize underground water prior to entering the North Inlet. The same sampling frequency and parameters as the existing underground SNP station (1645-75) for A154 and A418 should be applied. <strong>Recommendation</strong> ECCC recommends that an additional monitoring location be included in the SNP program to monitor water collected in the A21 Underground.</td>
<td><strong>June 18:</strong> DDMI does not expect that an additional SNP station would be required to monitor water associated with underground operations at A21. DDMI notes that it currently monitors A21 water chemistry at SNP station 1645-51. As stated in DDMI's January 9, 2020 response to reviewer comments and May 1, 2020 response to parties' letters regarding interventions, this station is representative of all A21 water; hence, ongoing monitoring of SNP station 1645-51 during A21 Operations will allow for the characterization of open pit and potential underground water in the future.</td>
</tr>
</tbody>
</table>

### Environmental Monitoring Advisory Board: EMAB EMAB

<table>
<thead>
<tr>
<th>ID</th>
<th>Topic</th>
<th>Reviewer Comment/Recommendation</th>
<th>Proponent Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General File</td>
<td>Comment <a href="#">doc</a> EMAB Review - A21 Underground Amendment Draft Water Licence</td>
<td></td>
</tr>
</tbody>
</table>

### GNWT - ENR - EAM (Environmental Assessment and Monitoring): Central Email GNWT

<table>
<thead>
<tr>
<th>ID</th>
<th>Topic</th>
<th>Reviewer Comment/Recommendation</th>
<th>Proponent Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>Topic</td>
<td>Reviewer Comment/Recommendation</td>
<td>Proponent Response</td>
</tr>
<tr>
<td>----</td>
<td>-------</td>
<td>---------------------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>1</td>
<td>Diavik A21 Underground Amendment Draft Water Licence (W2015L2-001)</td>
<td>Comment NSMA has no comments at this time Recommendation N/A</td>
<td>June 18: DDMI thanks NSMA for its review of the Draft Water Licence.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**North Slave Metis Alliance:** Adelaide Mufandaedza  
**Tlicho Government:** LONGINUS EKWE  
**Wek’ eezhii Renewable Resources Board:** Randi Jennings

---

The Board has included DDMI’s commitment to include time-series plots in monthly SNP reports, at least 12 months prior to underground mining at the A21 Pit. The GNWT supports this condition as written in the draft licence.

**Recommendation**<ol>  
<li>ENR recommends that the Board include the condition as written in the draft water licence.</li>  
<li>ENR has no other comments or recommendations for the draft water licence.</li>  
</ol>
June 8, 2020

Joe Mackenzie
Chair
Wek’èezhìi Land and Water Board
1 - 4905 48 St.
Yellowknife, NT X1A 3S3

By Email

Chris Hotson
A/ Executive Director
Wek’èezhìi Land and Water Board
1 - 4905 48 St.
Yellowknife, NT X1A 3S3

Re: EMAB Review of Draft Water Licence Amendment for A21 Underground Project

Dear Joe and Chris,

The Environmental Monitoring Advisory Board (EMAB) wishes to thank the WLWB for this opportunity to review the draft water licence for the above-captioned project. EMAB has reviewed the draft and has no comments.

If you require further information, please contact John McCullum at the EMAB office.

Sincerely,

Charlie Catholique
EMAB Chair

CC: EMAB Board and Alternates (by email)
Parties to the Environmental Agreement (by email)
Land/Environment Managers, Aboriginal Parties to the Environmental Agreement (by email)
Anneli Jokela  
Regulatory Manager  
Wek’eezhii Land and Water Board  
#1-4905 48th Street  
Yellowknife, NT  
X1A 3S3

Dear Ms. Jokela,

Re: Diavik Diamond Mines Inc.  
Licence – W2015L2-0001  
Water Licences Amendment Application  
Request for Comment

The Department of Environment and Natural Resources (ENR), Government of the Northwest Territories has reviewed the plans at reference based on its mandated responsibilities under the Environmental Protection Act, the Forest Management Act, the Forest Protection Act, the Species at Risk (NWT) Act, the Waters Act and the Wildlife Act and provides the following comments and recommendations for the consideration of the Board.


Comment(s):

The Board has included DDMI’s commitment to include time-series plots in monthly SNP reports, at least 12 months prior to underground mining at the A21 Pit. The GNWT supports this condition as written in the draft licence.

Recommendation(s):

1) ENR recommends that the Board include the condition as written in the draft water licence.
2) ENR has no other comments or recommendations for the draft water licence.
Comments and recommendations were provided by ENR technical experts in the Water Management and Monitoring Division and were coordinated and collated by the Environmental Assessment and Monitoring Section (EAM), Environmental Stewardship and Climate Change Division.

Should you have any questions or concerns, please do not hesitate to contact Patrick Clancy, Environmental Regulatory Analyst at (867) 767-9233 Ext: 53096 or email patrick_clancy@gov.nt.ca.

Sincerely,

Fritz Griffith (for Patrick Clancy)
Environmental Regulatory Analyst
Environmental Assessment and Monitoring Section
Environmental Stewardship and Climate Change Division
Department of Environment and Natural Resources
Government of the Northwest Territories
Dear Mr. Mackenzie:

Subject: DDMI Response to Reviewer Comments re: Draft Water Licence for the A21 Below Pit Mining Project

Diavik Diamond Mines (2012) Inc. (DDMI) is pleased to provide the Wek’eezhii Land and Water Board (WLWB or ‘the Board’) with its response to Reviewer comments on the Draft Diavik Water Licence for the A21 Below Pit Mining Project.

DDMI agrees with the conditions in the Draft Diavik Water Licence as proposed by the Board as part of its Review of the A21 Below Pit Mining Project and notes that reviewers mostly expressed no concerns regarding the Draft Diavik Water Licence during the public review. With regards to Environment and Climate Change Canada's recommendation for the establishment of an additional surveillance network program (SNP) station at the A21 site, DDMI reiterates that the existing SNP station 1645-51 at the A21 operations is representative of all A21 water and will allow for the characterization of water associated with the existing open pit operations and a future underground project at A21.

DDMI’s complete response to Reviewer comments has been uploaded to the Board’s Online Review System. Please do not hesitate to contact the undersigned or Kofi Boa-Antwi (867 447 3001 or kofi.boa-antwi@riotinto.com) if you have any questions related to this submission.

Sincerely,
Sean Sinclair  
Principal Advisor, Environment and Closure Readiness  

cc: Kassandra DeFrancis, WLWB  
Anneli Jokela, WLWB