



December 29, 2011

Our reference  
IQALUIT-#499557

Sent by email: [licensing@nunavutwaterboard.org](mailto:licensing@nunavutwaterboard.org)

Phyllis Beaulieu  
Manager of Licensing  
Nunavut Water Board  
Gjoa Haven, Nunavut  
X0E 1J0

Your reference  
2BE-KLG1116

**Re: Type 'B' Water Licence No. 2BE-KLG1116, Amendment Application –  
Kiyuk Lake Project – Prosperity Goldfields Corp. – Kivalliq Region**

Dear Phyllis,

Thank you for your November 30, 2011 request for written representations on the above referenced water licence amendment application.

A Technical Review Memorandum is provided for the Board's consideration.

Please do not hesitate to contact me by telephone at 867 975-4555 or email at [David.Abernethy@aandc-aadnc.gc.ca](mailto:David.Abernethy@aandc-aadnc.gc.ca) to discuss this submission.

Regards,

David W. Abernethy  
A/ Manager of Water Resources  
Operations Directorate  
Nunavut Regional Office  
Iqaluit, Nunavut  
X0A 0H0

Encl.

Ian Parsons, Water Resources Regional Coordinator  
Kevin Robertson, A/Manager of Field Operations

## Technical Review Memo

<b>TO</b>	Phyllis Beaulieu Manager of Licensing Nunavut Water Board	OUR REFERENCE File #9545-2-2.2BE.KLGA IQALUIT-#499557
<b>FROM</b>	David Abernethy A/ Manager of Water Resources Aboriginal Affairs and Northern Development Canada	YOUR REFERENCE 2BE-KLG1116  DATE December 29, 2011
<b>SUBJECT</b>	Type 'B' Water Licence No. 2BE-KLG1116, Amendment Application – Kiyuk Lake Project – Prosperity Goldfields Corp. – Kivalliq Region	

### A. PROJECT DESCRIPTION

On November 30, 2011 the Nunavut Water Board (the Board) distributed Prosperity Goldfields Corp.'s (**PGC**) application to amend their Kiyuk Lake Project's Type 'B' Water Licence to allow for the operation of a second diamond drill and expansion of the existing camp to accommodate up to forty (40) people (the camp has a current design capacity of 20 people). Prosperity Goldfields Corp. are requesting that their water use allowance be increased from 55 m<sup>3</sup> per day to 100 m<sup>3</sup> per day. Of this amount, 8 m<sup>3</sup> would be used for domestic purposes and 92 m<sup>3</sup> would be used for drilling purposes.

The Kiyuk Lake Project is situated on Crown land administered by Aboriginal Affairs and Northern Affairs Canada (**AANDC**). Prosperity Goldfields Corp. holds a Class 'A' land use permit for this undertaking (# N2011C0011) and have requested an amendment to this authorization to permit the revised project description as referenced above. AANDC has forwarded this land use permit amendment application to the Nunavut Planning Commission (**NPC**) and the Nunavut Impact Review Board (**NIRB**) for review and comment.

### B. RESULTS OF REVIEW

On behalf of the AANDC Water Resources Division I am providing the following comments/ recommendations for the Board's consideration,

- Prior to issuing any water licence amendment, all other applicable regulatory authorizations should be issued (i.e., amendment to the

project's AANDC Class 'A' land use permit, NPC conformity decision, and NIRB screening decision).

- If the submitted amendment application is approved, PGC should submit a revised Spill Contingency Plan and Abandonment and Restoration Plan that address the revised Kiyuk Lake Project description (i.e., increased fuel storage, expanded temporary camp, mobilization of second drill rig, revised maps for camp layout and drill sites, etc.).
- The AANDC Water Resources Division recommends that PGC provide all records of public consultation with their annual monitoring report submissions.

Prepared by David Abernethy

Cc: Ian Parsons, Water Resources Regional Coordinator  
Kevin Robertson, A/Manager of Field Operations