



General Water Licence Application
(Application for a new Water Licence)

April 2010

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OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

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DOCUMENT AMENDMENTS

	Description	Date
(1)		
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GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

LICENCE NO: (for NWB use only)									
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Quinton Hennigh Prosperity Goldfields Corp 1980 – 1075 West Georgia Street Vancouver, BC V6E 3C9 Phone: (720) 938-1945 / (416) 903-8408 Fax: (604) 909-1163 e-mail: quinton@evolvinggold.com rbduncan@sympatico.ca	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Saz Yaqzan, Consultant c/o Prosperity Goldfields Corp 1980 – 1075 West Georgia Street Vancouver, BC V6E 3C9 Phone: 780 886 1345 Fax: 780 423 9929 e-mail: GeotargetConsulting@gmail.com (Attach authorization letter.) Please see Cover Letter								
3. NAME OF PROJECT (including the name of the project location) Kiyuk Lake Gold Project, Kivalliq Region, NU									
4. LOCATION OF UNDERTAKING Project Extents <table> <tr> <td>NW: Latitude: (60° 28 ' 42 " N)</td> <td>Longitude: (100 ° 29 ' 58 " W)</td> </tr> <tr> <td>NE: Latitude: (60° 28 ' 42 " N)</td> <td>Longitude: (100 ° 16 ' 51 " W)</td> </tr> <tr> <td>SE: Latitude: (60° 23 ' 15 " N)</td> <td>Longitude: (100 ° 16 ' 51 " W)</td> </tr> <tr> <td>SW: Latitude: (60° 23 ' 15 " N)</td> <td>Longitude: (100 ° 29 ' 58 " W)</td> </tr> </table> Camp Location(s) There will be no camp in Nunavut, the crew will return to camp in northern Manitoba. Latitude: Longitude:		NW: Latitude: (60° 28 ' 42 " N)	Longitude: (100 ° 29 ' 58 " W)	NE: Latitude: (60° 28 ' 42 " N)	Longitude: (100 ° 16 ' 51 " W)	SE: Latitude: (60° 23 ' 15 " N)	Longitude: (100 ° 16 ' 51 " W)	SW: Latitude: (60° 23 ' 15 " N)	Longitude: (100 ° 29 ' 58 " W)
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SE: Latitude: (60° 23 ' 15 " N)	Longitude: (100 ° 16 ' 51 " W)								
SW: Latitude: (60° 23 ' 15 " N)	Longitude: (100 ° 29 ' 58 " W)								
5. MAP - Attach a topographical map, indicating the main components of the undertaking. NTS Map Sheet No.: 65C Map Name: Map Scale: 1:50,000									

6. NATURE OF INTEREST IN THE LAND - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☒ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: [Spring 2011](#) Date of expiry: _____

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Other: _____
Date (expected date) of issuance: _____ Date of expiry: _____

Name of entity(s) holding authorizations:
_____ Prosperity Goldfields Corp _____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

<input type="checkbox"/> North Baffin	<input checked="" type="checkbox"/> Keewatin
<input type="checkbox"/> South Baffin	<input type="checkbox"/> Sanikiluaq
<input type="checkbox"/> Akunnig	<input type="checkbox"/> West Kitikmeot

Is a land use plan conformity determination required?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy ____ [A conformity screening questionnaire is being submitted.](#)

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach copy: [Application submitted concurrently and a copy is attached.](#)

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

[Please see the attached Project Description.](#)

10. OPTIONS – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

[Please see the attached Project Description.](#)

11. CLASSIFICATION OF PRIMARY UNDERTAKING - Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial

☐ Agricultural

☒ Mining and Milling (includes exploration/drilling/exploration camps)

☐ Conservation

☐ Municipal (includes camps/lodges)

☐ Recreational

☐ Power

☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

☐ Hydrostatic Testing

☐ Tannery

☐ Tourist / Remote Camp

☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil

☐ Onshore Oil and Gas Exploration Drilling

☐ Mineral Exploration / Remote Camp

☐ Advanced Exploration

☐ Mine Development

☐ Municipal

☐ General Water Works

☐ Power

12.	<p>WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> To obtain water for camp/ municipal purposes <input checked="" type="checkbox"/> To obtain water for industrial purposes <input type="checkbox"/> To cross a watercourse <input type="checkbox"/> To alter the flow of, or store water <input type="checkbox"/> Other: _____ </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> To divert a watercourse <input type="checkbox"/> To modify the bed or bank of a watercourse <input type="checkbox"/> Flood control </td> </tr> </table>	<input type="checkbox"/> To obtain water for camp/ municipal purposes <input checked="" type="checkbox"/> To obtain water for industrial purposes <input type="checkbox"/> To cross a watercourse <input type="checkbox"/> To alter the flow of, or store water <input type="checkbox"/> Other: _____	<input type="checkbox"/> To divert a watercourse <input type="checkbox"/> To modify the bed or bank of a watercourse <input type="checkbox"/> Flood control
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13.	<p>QUANTITY AND QUALITY OF WATER INVOLVED - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.</p> <p>Name of water source(s) (show location(s) on map): Water for drills will be drawn from the lakes near the drill targets, please see attached map.</p> <p>Describe the quality of the water source(s) and the available capacity:</p> <p>Provide the overall estimated quantity of water to be used: 50 m³/day</p> <p>Provide the estimated quantity(s) of water to be used from each source: Each drill target will take approximately 2-3 days to drill at a maximum of 50 m³/day</p> <p>Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) Water will be required for drilling and is estimated at 50m³/day</p> <p>Describe the method of extraction(s): Water will be pumped to the drill through a water intake line with mesh cover to prevent the entrapment of fish.</p> <p>Estimated quantity(s) of water returned to source(s) 0 m³/day</p> <p>Describe the quality of water(s) returned to source(s): N/A</p> <p>_____</p> <p>_____</p>		
14.	<p>WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Solid Waste <input type="checkbox"/> Hazardous <input type="checkbox"/> Bulky Items/Scrap Metal <input type="checkbox"/> Animal Waste <input type="checkbox"/> Other (describe): _____ </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Waste oil <input type="checkbox"/> Greywater <input type="checkbox"/> Sludges <input type="checkbox"/> Contaminated soil and/or water </td> </tr> </table>	<input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Solid Waste <input type="checkbox"/> Hazardous <input type="checkbox"/> Bulky Items/Scrap Metal <input type="checkbox"/> Animal Waste <input type="checkbox"/> Other (describe): _____	<input type="checkbox"/> Waste oil <input type="checkbox"/> Greywater <input type="checkbox"/> Sludges <input type="checkbox"/> Contaminated soil and/or water
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- 15. QUANTITY AND QUALITY OF WASTE INVOLVED** – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal. **See attached workplan.**

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Solid waste	Wastes from drill sites	minimal		Backhaul to Manitoba
Waste Oil	From drill	minimal		Backhaul to Manitoba for storage followed by shipping offsite to a licensed disposal facility.

- 16. OTHER AUTHORIZATIONS** – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: None

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

- 17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES –**

- 18.** Minimal impacts are anticipated with the drill program. Drilling is transitory. Drill sites will be cleaned before the end of the drill program. Drill cuttings and water will be pumped to a sump that will be located a minimum of 31 metres from the normal high water mark of any water body and in a manner that there is no drainage into water bodies.

- 19. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER**

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

N/A

20. INUIT WATER RIGHTS

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

The quality and quantity of waters will not be impacted by this drill program.

21. CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

Please refer to the attached consultation log.

22. SECURITY INFORMATION

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

Fixed wing:

Assuming drill sites need to be cleaned, empty drums back and equipment backhauled to Treeline Lodge Manitoba located 60 miles from project site.

Estimate: 4 trips, 120 miles return, \$25 mile wet: \$12,000.

Helicopter:

Assuming trip to and from Arviat, NU slinging on site and fuel placement

Estimate Long Ranger 20 hours at \$2200/h wet: \$44,000.

Wages:

Four days work for 2 people \$500/day each: \$4,000

Estimated total : \$60,000

23. FINANCIAL INFORMATION

Provide a statement of financial responsibility. Please refer to attached documents.

If the applicant is a business entity, provide a list of the officers of the company.

R.Bruce Duncan, CEO

Olga Nikitovic, CFO

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name. Please refer to attached documents.

24. STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.

Prosperity Gold is not aware of any studies undertaken to date.

25. PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Construction

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

Operation

Proposed Start Date: March 2011 Proposed Completion Date: fall each year
(month/year) (month/year)

Closure

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

Post - Closure

Proposed Start Date: _____ Proposed Completion Date: _____
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Operation

☐ Winter ☒ Spring ☒ Summer ☐ Fall ☐ All season

Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

26. PROPOSED TERM OF LICENCE

Number of years (maximum of 25 years): 5 years

Requested Date of Issuance: March 2011 Requested Expiry Date: March 2016
(month/year) (month/year)

(The requested date of issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

28. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☐ Yes ☒ No If no, date expected As soon as processed

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☐ Yes ☒ No If no, date expected As soon as processed

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

☐ Yes ☐ No If no, date expected _____

English Summary of Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

☒ Yes ☐ No If no, date expected _____

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ No If no, date expected _____

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☒ Yes ☐ No If no, date expected _____

29. SIGNATURE

QUINTON HENNIGH
Name (Print)

CHIEF GEOLOGIST
Title (Print)


Signature

FEB 23/2011
Date