



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
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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 W.Georgia St Vancouver BC V6E 3C9 Phone: (720) 938-1945 _____ Fax: (604) 903-1163 _____ e-mail: Quinton@evolvinggold.com _____	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Saz Yaqzan, Consultant c/o Prosperity Goldfields Corp. 1980-1075 W.Georgia St Vancouver BC V6E 3C9 Phone: (780) 886-1345 _____ Fax: (780) 423-9929 _____ e-mail: GeotargetConsulting@gmail.com _____ (Attach authorization letter.) See attached cover letter.
3. NAME OF PROJECT (including the name of the project location) Kiyuk Lake Gold Project, Kiyuk Lake, NU	
4. LOCATION OF UNDERTAKING Project Extents 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) Camp Location(s) Latitude: (60° 27 ' 43 " N) Longitude: (101 °36 ' 53 " W)	
5. MAP - Attach a topographical map, indicating the main components of the undertaking. NTS Map Sheet No.: __65C____ Map Name: _____ Map Scale: _____	

- 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

- x Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: April 29th, 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: _____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

- | | |
|---------------------------------------|-----------------------------------------|
| <input type="checkbox"/> North Baffin | x 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?

X Yes ☐ No

If Yes, indicate date issued and attach copy Issued March 30, 2011.

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

X No

If Yes, indicate date issued and attach copy _____

If No, provide written confirmation from NIRB confirming that a screening determination is not required. [NIRB application submitted March 16, 2011.](#)

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

[See attached project description.](#)

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

[There are no alternatives to the proposed project.](#)

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

☐ Industrial

☐ Agricultural

x 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

x Mineral Exploration / Remote Camp

☐ Advanced Exploration

☐ Mine Development

☐ Municipal

☐ General Water Works

☐ Power

12. WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

x To obtain water for camp/ municipal purposes

x To obtain water for industrial purposes

☐ To divert a watercourse

☐ To cross a watercourse

☐ To modify the bed or bank of a watercourse

☐ To alter the flow of, or store water

☐ Flood control

☐ Other: _____

- 13. 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.

Name of water source(s) (show location(s) on map):

Water for the drill will come from the lakes near the drill targets. See attached map. _____

Describe the quality of the water source(s) and the available capacity: _____

Surface water quality testing has not been conducted. There are no known water quality issues at Kiyuk Lake. The lake described is sufficient in quantity to support temporary domestic needs. The natural hydrograph will not be affected.

Provide the overall estimated quantity of water to be used:

55 m³/day

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. For domestic purposes the camp requires 5m³/day. _____

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)

Camp 5m³/day, drilling 50m³/day.

Describe the method of extraction(s): Water will be pumped through a water intake line with a mesh screen to prevent fish entrapment.

Estimated quantity(s) of water returned to source(s) 0 m³/day

Describe the quality of water(s) returned to source(s): Water will not be returned to the source. Drill water and grey water will be sumped at least 31m from the normal high water mark of any water body such that they do not enter any receiving water bodies. _____

- 14. WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

☒ Sewage

☒ Solid Waste

☒ Hazardous

☒ Bulky Items/Scrap Metal

☐ Animal Waste

☐ Other (describe): _____

☒ Waste oil

☒ Greywater

☐ Sludges

☐ Contaminated soil and/or water

- 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.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Organic waste	< 0.5m ³ /day	Pacto Bag	Incinerated on site. Ashes barreled and transported to approved disposal site in MB.
Greywater	Camp	1m ³ /day	Evaporation	Sumped 31 m above high water mark, back filled.
Hazardous	Paints, solvents and machinery-related substances	<0.01 m ³ /day	Collection and appropriate storage until removal	Transported to an approved disposal facility in MB.
Solid Waste	Camp and domestic related waste.	0.25 m ³ /day	Collection and appropriate storage until removal	Combustible materials burnt in a vented base fuel fed incinerator. Ashes barreled and transported to approved disposal site in MB. Non-combustible waste materials transported to approved disposal site in MB.
Waste Oil	Used oil from drill equipment	0.01 m ³ /day	Collection and appropriate storage until removal	Transported to an approved disposal or recycling facility in MB.
Bulky items/Scrap metal	Non-combustible	0.25m ³ /day	Collection and appropriate storage until removal	Back hauled to recycling or approved disposal site in MB.

- 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: _____

Administering Agency: _____

Project Activity: _____

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

- 17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** - Describe direct, indirect, and cumulative impacts related to water and waste. [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 m from the normal high water mark of any water body and in a manner that there will be no drainage into water bodies. The camp is a small temporary camp. All camp waste will be incinerated and non-combustible waste will be backhauled to Manitoba. Greywater will be sumped at least 31 m above the high water mark of the surrounding water bodies.](#)

- 18. 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.

- 19. 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).

- 20. 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.

[See attached consultation log.](#)

21. 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.

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

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.

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

Please see 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 see attached documents.

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

24. 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: Spring 2011 Proposed Completion Date: _____
(month/year) (month/year)

Operation
Proposed Start Date: Spring 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

25. PROPOSED TERM OF LICENCE

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

Requested Date of Issuance: May 2011 Requested Expiry Date: June 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)

26. ANNUAL REPORTING – If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

27. 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 _____

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

☐ Yes ☒ No If no, date expected _April 2011_____

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 _____

28. SIGNATURE

Name (Print)	Title (Print)	Signature	Date
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