

Attachment 1:
Renewal Application Form



Application for Water Licence Renewal

Document Date: April 2013

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Month/Day/Year

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NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo and request for background information	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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APPLICATION FOR WATER LICENCE RENEWAL

Your application may be classified as a **renewal** only if all operations remain the same as previously licensed and only the term of the licence requires change. If your application contemplates:

- a change to the volume of water authorized for use;
- a new activity related to water use or waste disposal;
- a new component related to water use or waste disposal;
- a change in predicted environmental impacts(s); and/or
- a change to any term or condition of the original licence

your application is **NOT** classified as a renewal but rather an amendment and will require submission of an Application for Water Licence Amendment. Licensees applying for combined renewal / amendment are also referred to the Application for Water Licence Amendment.

The applicant is referred to the NWB's Guide 7: Licensee Requirements Following the Issuance of a Water Licence for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 2BE-MLL1217

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

Yes No

If No, a licence assignment must be completed and approved by the NWB. **A renewal will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: Sabina Gold & Silver Corp.

Address: 555 Burrard Street, Suite 375, Vancouver, BC, V7X 1M7

Phone: 604-998-4175

Fax: 604-998-1051

e-mail: info@sabinagoldsilver.com

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name:

Address:

Phone: _____

Fax: _____

e-mail: _____

(Attach authorization letter.)

3. NAME OF PROJECT

Is the name of the project the same as that considered in the existing water licence?

Yes No

Indicate the name of the project including the name of the location: Wishbone-Malley Project, Kitikmeot Region, Nunavut

4. LOCATION OF UNDERTAKING

Is the location of the undertaking the same as that considered in the existing water licence?

Yes No

Project Extents

NW: Latitude: (66° 00' 00" N)

Longitude: (109° 00' 00" W)

NE: Latitude: (66° 00' 00" N)

Longitude: (106° 45' 00" W)

SE: Latitude: (66° 45' 00" N)

Longitude: (106° 45' 00" W)

SW: Latitude: (66° 45' 00" N)

Longitude: (109° 00' 00" W)

Camp Location(s)

The exact location of seasonal/temporary camps to support Sabina's exploration and resupply activities is unknown at this time. Possible locations for seasonal/temporary camps:

Rocky: Latitude: 65° 28' 35" N

Longitude: 107° 37' 31" W

5. MAP

Are the locations of the main components of the undertaking the same as those considered in the existing licence?

Yes No

Attach a topographical map, indicating the main components of the undertaking. (Attachment 2. Location Map)

NTS Map Sheet No.: 076F09, 076F16, 076G03, 076G05, 076G06, 076G12, 076G13 Map Name: 076F Nose Lake, 076G Beechy Lake Map Scale: 1:50,000

6. NATURE OF INTEREST IN THE LAND

Is the nature of the interest in the land the same as that considered in the existing water licence?

Yes No

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: October, 2007 Date of expiry: August, 2017

<i>Claim #</i>	<i>Claim name</i>	<i>Claim #</i>	<i>Claim name</i>	<i>Claim #</i>	<i>Claim name</i>
K10835	MALLEY 8	K09396	Wishbone 24	K15506	Wishbone 216
K10836	MALLEY 9	K09401	Wishbone 30	K15507	Wishbone 217
K10837	MALLEY 10	K09402	Wishbone 31	K15508	Wishbone 218
K10841	MALLEY 15	K09406	Wishbone 34	K15509	Wishbone 219
K10846	MALLEY 19	K09409	Wishbone 35	K15511	Wishbone 221
K10848	MALLEY 21	K09410	Wishbone 37	K15512	Wishbone 222
K10849	MALLEY 22	K09416	Wishbone 46	K15513	Wishbone 223
F79382	Wishbone 1	K09418	Wishbone 38	K15514	Wishbone 224
F79383	Wishbone 2	K09419	Wishbone 36	K15528	Wishbone 238
F79384	Wishbone 3	K12031	Wishbone 201	K15529	Wishbone 239
F79385	Wishbone 4	K12032	Wishbone 200	K15531	Wishbone 241
K09392	Wishbone 20	K15498	Wishbone 208	K15533	Wishbone 243
K09395	Wishbone 23	K15505	Wishbone 215	K15534	Wishbone 244
				K15536	Wishbone 246
				Lease 3701	Needle

Surface

Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: February, 2016 Date of expiry: February, 2017

Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: December, 2016 Date of expiry: December, 2017

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: _____

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

Yes No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations: Sabina Gold & Silver Corp.

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Is the undertaking located in the same land use planning area as that considered in the existing licence?

Yes No

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

North Baffin Keewatin
 South Baffin Sanikiluaq
 Akunnig West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

Yes No

If Yes, indicate date issued and attach copy. _____

Does the proposed renewal change the original NPC conformity determination or the need to obtain one?

Yes No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

See attached NPC email dated December 4th, 2011 (Attachment 3).

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

Yes No

If Yes, indicate date issued and attach copy. Activities have been screened under NIRB File No. 08EN084. See NIRB's letter dated August 5th, 2010 for NIRB Files No. 06EN033 and 08EA084 confirming the activities in this license were exempt from screening at that time (Attachment 4).

Does the proposed renewal change the original NIRB screening determination or the need to obtain one?

Yes No

If Yes, indicate date issued (or expected) and attach a copy. _____
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

Activities have been screened under NIRB File No. 08EN084. See NIRB's letter dated August 5th, 2010 for NIRB Files No. 06EN033 and 08EA084 confirming the activities in this license were exempt from screening at that time (Attachment 4).

9. DESCRIPTION OF UNDERTAKING

Is the description of the undertaking the same as that considered in the existing water licence?

Yes No

List and attach plans and drawings or project proposal.

See the non-technical summary (Attachment 6). No meaningful changes to the undertaking are proposed.

10. OPTIONS

Are the alternative methods and locations that were considered to carry out the project the same as those considered in the existing water licence?

Yes No

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

Sabina is committed to minimizing its footprint due to on-going exploration activities. The option of supporting Wishbone-Malley exploration activities using existing Goose and George camp facilities is preferred, however, the need to ensure personnel safety means that the option of having temporary and/or seasonal camps in the project area is needed.

In considering location for camps, Sabina has identified a location of historic exploration. Ultimately, the primary locations will be chosen based on safety, operational needs, and environmental conditions. Sabina will notify regulators of the selected locations 30 days prior to installation.

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Is the primary undertaking the same as that considered in the existing water licence?

Yes No

Indicate the primary classification of undertaking by checking one of the following boxes.

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Miscellaneous (describe below): |
| <input type="checkbox"/> Power | _____ |

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

12. WATER USE

Is the type(s) of water use(s) the same as that considered in the existing water licence?

Yes No

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> To obtain water for camp/ municipal purposes | |
| <input checked="" type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To cross a watercourse | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input checked="" type="checkbox"/> To alter the flow of, or store water | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> Other: _____ | |

13. QUANTITY OF WATER INVOLVED

Is the source of water the same as that considered in the existing licence? Yes No

Name of water source(s): Domestic camp use – local lakes; Industrial use – lakes proximal to drilling targets

Is the quality of the water source and its available capacity the same as that considered in the existing licence?

Yes No

Describe the quality of the water source(s) and the available capacity(s): In general, lakes in the area contain low TSS and turbidity levels, are nutrient poor, and contain low metal concentrations, typical of Arctic lakes. Most lakes have soft, near-neutral water, that is low in alkalinity. Naturally elevated metal concentrations occur in some lakes and likely results from the proximity of the lakes to metal-bearing minerals in the landscape.

Is the overall estimated quantity of water to be used the same as that considered in the existing licence?

Yes No

Provide the overall estimated quantity of water to be used: 200 m³/day

Are the quantity(s) of water to be used from each source the same as those considered in the existing licence?

Yes No

Provide the estimated quantity(s) of water to be used from each source: 70 m³/d from local lakes for domestic use; 130 m³/d from lakes proximal to drilling targets

Are the quantity(s) of water to be used for each purpose the same as those considered in the existing licence?

Yes No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.): Domestic use: 70m³/day; Industrial Use: 130 m³/day

Are the method(s) of extraction the same as those considered in the existing licence? Yes No

Describe the method(s) of extraction: Same as existing. Intakes will be equipped with mesh fish screens and withdrawal rates will meet the DFO water intake guidelines. Water intake will also be metered and quantified.

Are the quantity(s) of water returned to source(s) the same as those considered in the existing licence?

Yes No

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

Are the quality(s) of water(s) returned to source(s) the same as those considered in the existing licence?

Yes No

Describe the quality(s) of water(s) returned to source(s): Water used during drilling will be recycled and reused as much as possible to minimize operational water quantity. Return drill water will contain suspended solids from drill cuttings which will be captured and disposed of in a properly constructed sump or in an appropriate natural depression located at a distance of at least thirty-one (31) meters from the ordinary high water mark of any adjacent water body. Any water that remains of baseline concentrations will be pumped back to the original waterbody or allowed to drain onto the tundra and percolate into the ground to return to the local watershed.

14. WASTE

Are the type(s) of waste(s) to be generated and/ or deposited the same as those considered in the existing licence?

Yes No

Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Sewage | <input checked="" type="checkbox"/> Waste oil |
| <input checked="" type="checkbox"/> Solid Waste | <input checked="" type="checkbox"/> Greywater |
| <input checked="" type="checkbox"/> Hazardous | <input checked="" type="checkbox"/> Sludges |
| <input checked="" type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): _____ | |

15. QUANTITY AND QUALITY OF WASTE INVOLVED

Are the quantity(s) of the types of wastes involved the same as those considered in the existing licence?

Yes No

Are the composition(s) of the types of wastes involved the same as those considered in the existing licence?

Yes No

Are the method(s) of treatment for the types of waste involved the same as those considered in the existing licence?

Yes No

Are the method(s) of disposal for the types of waste involved the same as those considered in the existing licence?

Yes No

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	Pacto bags	1-2 bags/day	Incineration	Offsite
Solid Waste	Paper, wood, food wastes	10 bags/day	Incineration	Offsite
Hazardous	Waste oil, batteries	Variable	Backhauled to Yellowknife	Offsite
Bulky items/ scrap metal	Empty drums	Variable	Drained, crushed and strapped or shipped whole	Offsite
Waste Oil	Waste oil	Variable	Burned in on site waste oil furnaces	Offsite
Greywater	Kitchen, bathing, laundry	3 m ³ /day	Natural attenuation	Collection sump
Sludges	Water and rock mixture from drilling	500 gallons	Natural attenuation	Collection sump
Contaminated soil and/or water	Contaminated soil and/or water	1 m ³	Backhaul to Yellowknife or oil/water separator	Offsite

16. OTHER AUTHORIZATIONS

In addition to the sub-surface and surface land use authorizations provided in Block 6, are the same authorizations required as considered in the existing licence?

Yes No

For each provide the following:

Authorization: _____

Administering Agency: _____

Project Activity: _____

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

N/A. There are no other authorizations required.

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Are predicted environmental impacts of the undertaking and proposed mitigation measures the same as those considered in the existing water licence?

Yes No

Describe direct, indirect, and cumulative impacts related to water and waste.

The potential environmental impacts related to the use of the water and the disposal of waste from camp operation and drilling are as follows:

- Water will be sourced from lakes following DFO guidelines for withdrawal
- Camp waste is incinerated or backhauled to an approved accredited waste disposal facility.
- Greywater is discharged to a sump located at a distance of at least thirty-one meters above the ordinary high water mark of any water body.
- Drills and drilling supplies are positioned using helicopters or via snow cover to minimize ground disturbance.
- Water from drilling operation will be recirculated to minimize the quantity of water used.
- Drill cuttings are captured and disposed of in a properly constructed sump or in an appropriate natural depression located at a distance of at least thirty-one (31) meters from the ordinary high water mark of any adjacent water body.
- Each drill site will be inspected for residual cuttings and necessary reclamation. Drill casing will be cut and capped.

Any potential impact of the project as currently defined will be mitigated with best management practices. Sabina notes that recent INAC inspection reports commend Sabina on its reclamation and handling of waste.

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Are the effects of the undertaking on any known persons or property including those that hold licences for water use in precedence 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, the same as those considered in the existing water licence?

Yes No

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.

Not applicable.

19. INUIT WATER RIGHTS

Are the effects of the undertaking on the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL) the same as those considered in the existing water licence?

Yes No

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).

Not applicable.

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.

No consultation meetings were held in conjunction with this request. However, Sabina has carried out extensive consultation with nearby communities regarding its Back River Project, as documented in Volume 3 of its Final Environmental Impact Statement.

21. SECURITY INFORMATION

Is the financial security assessment the same as that considered in the existing water licence?

Yes No

Is the estimate of the total financial security for final reclamation the same as that considered in the existing water licence?

Yes No

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.

See the Abandonment and Reclamation Plan and Reclamation Estimate (Attachment 8).

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

Yes No

Provide an updated statement of financial security.

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

Yes No

Provide a list of the officers of the company.

Bruce McLeod, Director, President and Chief Executive Officer
Elaine Bennet, Chief Financial Officer and Vice-President, Finance
Nicole Hoeller, Vice-President, Communications and Corporate Secretary
Wes Carson, Vice-President, Project Development
Angus Campbell, Vice-President, Exploration
Matthew Pickard, Vice-President, Environment and Sustainability

Is the Certificate of Incorporation or evidence of registration of the company name the same?

Yes No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

See attached (Attachment 7).

23. STUDIES UNDERTAKEN TO DATE

List and attach updated studies, reports, research etc.

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

Sabina's Final Environmental Impact Statement, available on the NIRB public registry, presents the latest environmental baseline studies of the nearby Back River Project.

Monitoring under the Type B Water Licence is presented in previous annual reports and available on the NWB public registry.

The INAC Land Use Inspector conducted an inspection in August, 2016. There were no instances of non-compliance resulting from the inspection (Attachment 5).

24. PROPOSED TIME SCHEDULE

Is the time schedule for all phases of development (construction, operations, closure and post closure) the same as that considered in the existing licence?

Yes No

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

Construction

Proposed Start Date: March, 2017 Proposed Completion Date: March, 2022
(month/year) (month/year)

Operation

Proposed Start Date: March, 2017 Proposed Completion Date: March, 2022
(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

27. CHECKLIST

The following must be included with the application for renewal for the water licensing process to begin.

Completed Application for Water Licence Renewal form.

✓ Yes No If no, date expected _____

Updated plans, including designs and reports (see Block 23).

✓ Yes No If no, date expected _____

Updated security assessment (see Block 21).

✓ Yes No If no, date expected _____

Updated financial statement (see Block 22).

✓ Yes No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

✓ Yes No If no, date expected _____

English Summary of Renewal Application.

✓ Yes No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Renewal 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

I, Merle Keefe (print name)

certify that the application requires no changes to water use or waste disposal as previously authorized and that the information given on this form is, to the best of my knowledge, correct and complete.


Signature

Feb 8, 2017
Date