

Application for Water Licence Renewal

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Application Submission Date: ____03/13/12____ Month/Day/Year

P.O. BOX 119 GJOA HAVEN, NUNAVUT XOB 1J0

Tel: (867)360-6338 Fax: (867)360-6369 kNK5 wmoEp5 vtmpq NUNAVUT IMALIRIYIN KATIMAYIT NUNAVUT WATER BOARD OFFICE DES EAUX DU NUNAVUT



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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: <u>Licensee Requirements Following the Issuance of a Water Licensee</u> for more information about this application form.

EXISTING LICENCE NO: _2BE-HOP0712
1. LICENSEE CONTACT INFORMATION
Is the licensee the same as that referred to on the existing licence?
x 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 <u>name</u> of the licensee has changed, attach a certificate of name change.
Name: Hope Bay Mining Ltd., c/o Chris Hanks, VP Environmental Affairs
Address: 300-889 Harbourside Dr. North Vancouver, BC V7P 3S1
Phone: _(604) 998-5400 Fax:(604) 980-0731 e-mail: _chris.hanks@newmont.com

2.	LICENSEE REPRESENTATIVE CON	TACT INFORMATION – If different from Block 1.		
Name:				
Addres	SS:			
Phone	:			
Fax:	:			
	authorization letter.)			
3.	NAME OF PROJECT			
Is the n	ame of the project the same as that cor	nsidered in the existing water licence?		
		x Yes □ No		
Indicate	e the name of the project including the n	name of the location:Hope Bay – Hope Bay, Nunavut		
4.	LOCATION OF UNDERTAKING			
Is the I	ocation of the undertaking the same as	that considered in the existing water licence?		
Project	Extents	x Yes □ No		
NW: NE: SE: SW:	Latitude: (68° 12' 30.017" N) Latitude: (68° 9' 33.886" N) Latitude: (67° 29' 11.226" N) Latitude: (67° 31' 39.992" N)	Longitude: (106° 45' 0.001" W) Longitude: (106° 28' 59.986" W) Longitude: (106° 8' 3.172" W) Longitude: (106° 42' 33.509" W)		
Camp I	Location(s)			
Latitud	le: (68° 4' 17.654" N)	Longitude: (106° 36' 36.544" W)		
5.	MAP			
	Are the locations of the main components of the undertaking the same as those considered in the existing licence?			
		x Yes □ No		
Attach a topographical map, indicating the main components of the undertaking.				
NTS Ma	ap Sheet No.: _076O and 077A	Map Name: _See attachment Map Scale:		
6.	NATURE OF INTEREST IN THE LAN	D		

Is the nature	of the interest in	the land the same as that co	onsidered in the existing water licence?	
		× Yes	□No	
	of the following that ader must be chec		osed undertaking (at least one box under the	
Sub-	surface			
		n Nunavut Tunngavik Inco of issuance: _See below	rporated (NTI) Date of expiry: _ See below	
		n Indian and Northern Affa of issuance: _ See below	nirs Canada (INAC) Date of expiry:See below	
Surf	ace			
			Northern Affairs Canada (INAC) Date of expiry:	
			Kitikmeot Inuit Association (KIA) Date of expiry:Jan. 31, 2013	
☐ IOL Authorization from Kivalliq Inuit Association (KivIA) Date (expected date) of issuance: Date of expiry:				
		om Qikiqtani Inuit Association of issuance:	on (QIA) Date of expiry:	
☐ C Date	ommissioner's Lar (expected date) o	nd Use Authorization of issuance:	Date of expiry:	
□ 0	ther			
Date	(expected date) of	of issuance:	Date of expiry:	
Is the name	of the entity(s) ho	lding authorizations the sam	ne as that considered in the existing water licen	ce?
		x Yes	□No	
If No, a licer	nce assignment m	ust be completed and appro	ved by the NWB.	
Name of ent	ity(s) holding auth	orizations:		
Mineral Leas	se from Nunavut	Tunngavik Incorporated (I	NTI) – Date of Issuance, Date of Expiry	
Aimaokatuk Akungani 1 Akungani 2 Akungani 3 Tok 1 Tok 2 Tok 3	01/08/2000 01/08/2000 01/08/2000 01/08/2000 01/08/2000 01/08/2000 01/08/2000	30/12/2014 30/12/2014 30/12/2015 30/12/2015 30/12/2014 30/12/2014 30/12/2014		
Mineral Leas	se from Indian an	d Northern Affairs Canada	a (INAC) – Date of Issuance, Date of Expiry	

Koig 6	4/17/1007	4/47/2049	
Koig 6	4/17/1997 4/17/1997	4/17/2018 4/17/2018	
Koig 1			
Wog 2	4/17/1997	4/17/2018	
Koig 2	4/17/1997	4/17/2018	
Wog 3	4/17/1997	4/17/2018	
Koig 3	4/17/1997	4/17/2018	
Koig 4 Kamik 1	4/17/1997 7/24/2000	4/17/2018 7/24/2021	
Kamik 2	7/24/2000	7/24/2021 7/24/2021	
	10/12/2001	10/12/2022	
Boston 6 Boston 7	10/12/2001	10/12/2022	
Boston 3	10/12/2001	10/12/2022	
Madrid 1	10/12/2001	10/12/2022	
Madrid 2	10/12/2001	10/12/2022	
Boston 9	12/27/2001	12/27/2023	
Boston 8	12/27/2002	12/27/2023	
Boston 10	12/27/2002	12/27/2023	
Boston 12	12/27/2002	12/27/2023	
Boston 13	12/27/2002	12/27/2023	
Havana 1	10/12/2001	10/12/2023	
Chicago 1	7/15/2003	7/15/2024	
Chicago 1 Chicago 2	7/15/2003	7/15/2024	
Chicago 2 Chicago 4	7/15/2003	7/15/2024	
Amarok 1	7/15/2003	7/15/2024	
Amarok 2	7/15/2003	7/15/2024	
Amarok 4	7/15/2003	7/15/2024	
Amarok 3	7/15/2003	7/15/2024	
Amarok 5	7/15/2003	7/15/2024	
Amarok 6	7/15/2003	7/15/2024	
Amarok 7	7/15/2003	7/15/2024	
Buffalo 1	7/15/2003	7/15/2024	
Buffalo 2	7/15/2003	7/15/2024	
Amarok 8	7/15/2003	7/15/2024	
Buffalo 3	7/15/2003	7/15/2024	
Buffalo 4	7/15/2003	7/15/2024	
Buffalo 5	7/15/2003	7/15/2024	
Boston 14	7/15/2003	7/15/2024	
Boston 16	7/15/2003	7/15/2024	
Quito 1 4803	7/15/2003	7/15/2024	
Quito 2 4804	7/15/2003	7/15/2024	
Quito 3 4805	7/15/2003	7/15/2024	
Quito 4 4808	7/15/2003	7/15/2024	
Amarok 10	9/28/2005	9/28/2026	
Amarok 11	9/28/2005	9/28/2026	
Amarok 9	9/28/2005	9/28/2026	
Amarok 13	9/28/2005	9/28/2026	
Amarok 12	9/28/2005	9/28/2026	
Engine 1	9/28/2005	9/28/2026	
Engine 2	9/28/2005	9/28/2026	
PJ 1	11/24/2006	11/24/2027	
PJ 2	11/24/2006	11/24/2027	
PJ 3	11/24/2006	11/24/2027	
PJ 4	11/24/2006	11/24/2027	
PJ 5	11/24/2006	11/24/2027	
PJ 6	11/24/2006	11/24/2027	

PJ 7	11/24/2006	11/24/2027	
Chicago 5	11/24/2006	11/24/2027	
Engine 3	5/22/2008	5/22/2029	
Engine 4 BD 1	5/22/2008 5/22/2008	5/22/2029 5/22/2029	
BD 1	5/22/2008	5/22/2029	
	0/22/2000	0,22,2020	
7. NU	NAVUT PLANNIN	G COMMISSION	I (NPC) DETERMINATION
Is the unde	ertaking located in	the same land use	se planning area as that considered in the existing licence?
			x Yes □ No
Indicate the	e land use plannin	g area in which the	ne project is located.
	North Baffin		☐ Keewatin
_	South Baffin		Sanikiluaq
L '	Akunniq		× West Kitikmeot
Was a land licence?	d use plan conforn	nity determination	required from NPC prior to the issuance of the existing water
			☐ Yes x No
If Yes, indi	cate date issued a	ind attach copy	
Does the p	proposed renewal	change the origina	al NPC conformity determination or the need to obtain one?
			☐ Yes x No
			attach a copy
If No, prov	ide written confirm	ation from NPC co	confirming that a land use plan conformity review is not required.
8. NU	NAVUT IMPACT I	REVIEW BOARD	(NIRB) DETERMINATION
Was a scr	eening determinati	on required from I	NIRB prior to the issuance of the existing water licence?
			☐ Yes x No
If Yes, indi	icate date issued a	ind attach copy	
Does the p	proposed renewal	change the origina	al NIRB screening determination or the need to obtain one?
			☐ Yes x No
If Yes, indi	cate date issued (or expected) and a	attach a copy.
If No, prov	ide written confirm	ation from NIRB o	confirming that a screening determination is not required.
9. DE	SCRIPTION OF U	NDERTAKING	
Is the descr	iption of the under	taking the same a	as that considered in the existing water licence?
			x Yes ☐ No
List and atta	ach plans and drav	vings or project pr	roposal. See original application and subsequent

amendment applications for plans, drawings, and project proposal for this licence.			
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?			
x Yes □ No			
Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Please see original application and subsequent amendment applications for an explanation of the alternative methods or locations considered to carry out the project.			
11. CLASSIFICATION OF PRIMARY UNDERTAKING			
Is the primary undertaking the same as that considered in the existing water licence?			
x Yes □ No			
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 the <i>Northwest Territories Waters Regulations</i> 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.			
X To obtain water for camp/municipal purposes To obtain water for industrial purposes To cross a watercourse To alter the flow of, or store water Other: To obtain water for camp/municipal purposes To divert a watercourse To modify the bed or bank of a watercourse Flood control			
13. QUANTITY OF WATER INVOLVED			
13. QUANTITY OF WATER INVOLVED Is the source of water the same as that considered in the existing licence?			

	× Yes No
this licence is Windy Lake and it has th	s) and the available capacity(s):_The main body of water used by ne available capacity to meet the water requirement needs of the ndment 5 for details on lake capacity
Is the overall estimated quantity of water	to be used the same as that considered in the existing licence?
	x Yes □ No
Provide the overall estimated quantity of v	water to be used:maximum of 343 m³/day
Are the quantity(s) of water to be used fro licence?	om each source the same as those considered in the existing
	x Yes □ No
	r to be used from each source: _The maximum water used would
Are the quantity(s) of water to be used for	r each purpose the same as those considered in the existing licence?
	x Yes □ No
	ed for each purpose (camp, drilling, etc.): Camp=63 m³/day, 200 m³/day
Are the method(s) of extraction the same	as those considered in the existing licence? X Yes \sum No
	ater is extracted by hose and pump. Hose intake is screened to
Are the quantity(s) of water returned to so	ource(s) the same as those considered in the existing licence?
	x Yes □ No
Estimated quantity(s) of water returned to	source(s): _ 0 m ³ /day
Are the quality(s) of water(s) returned to s	source(s) the same as those considered in the existing licence?
	x Yes □ No
Describe the quality(s) of water(s) returned	ed to source(s):No water will be returned to source
14. WASTE	
Are the type(s) of waste(s) to be generate licence?	ed and/ or deposited the same as those considered in the existing
	x Yes □ No
Check the appropriate box(s) to indicate the	he types of waste(s) generated and deposited.
★ Sewage ★ Solid Waste	X Waste oil X Greywater

 X Hazardous X Bulky Items/Scrap Metal ☐ Animal Waste ☐ Other (describe): 	X Sludges X Contaminated soil and/or water
15. QUANTITY AND QUALITY OF WASTE	INVOLVED
Are the quantity(s) of the types of wastes involved	red the same as those considered in the existing licence?
	x Yes No
Are the composition(s) of the types of wastes in	avolved the same as those considered in the existing licence?
	xYes No
Are the method(s) of treatment for the types of licence?	waste involved the same as those considered in the existing
	×Yes No
Are the method(s) of disposal for the types of w licence?	raste involved the same as those considered in the existing
	x Yes No
For each type of waste indicated in Block 14, de treatment and method of disposal.	escribe its composition, quantity in cubic meters/day, method of

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Blackwater and greywater	180 person capacity sewage treatment plant	Membrane bio-reactor and UV disinfection	Sludge is backhauled/burned at Doris
Solid Waste	Food, paper, untreated wood, other non-hazardous waste		Incineration of what can be burned (food, paper, untreated wood), otherwise waste to be backhauled	Incinerator ash and material that cannot be burned will be backhauled to approved facility
Waste Oil	Miscellaneous			Burned in a waste oil furnace for heat, or backhauled to approved facility
Waste Fuels	Jet A or B			Backhauled to approved facility
Hazardous Waste	Miscellaneous			Backhauled to approved facility
Sludge	See line 1			
Bulky Items/Scrap Metal				Backhauled to approved facility
Contaminated snow and/or water			Material moved to Doris camp landfarm	

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?

x Yes ☐ No For each provide the following:
Authorization: N/A
Administering Agency:N/A
Project Activity: N/A
Date (expected date) of issuance: _ N/A Date of expiry: N/A
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?
x Yes □ No
Describe direct, indirect, and cumulative impacts related to water and waste. No baseline information has been collected as a direct requirement of this water license, however, considerable baseline data has been collected as a component of the Doris North Environmental Impact Statement. See the Final Environmental Impact Statement, Doris North Project, Nunavut, Canada, submitted by Miramar Hope Bay Ltd. October 2005 to the Nunavut Impact Review Board. Environmental, socio-economic, and traditional knowledge studies are ongoing and this data is being used to create a baseline dataset for the Hope Bay Belt.
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 x 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.
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?
x 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).

A water compensation agreement has been signed with the Kitikmeot Inuit Association (KIA) for the use of Tail Lake as a tailings impoundment area in relation to the Doris North project. No other agreement has been signed for water compensation in the Hope Bay area nor has it been requested by the KIA.

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.

From June 6th to 10th, 2011, Hope Bay Mining Ltd. (HBML) conducted community meetings throughout the Kitikmeot region (except Gjoa Haven, due to weather) to provide stakeholders with a project update, including proposed changes to the Doris North Project that would necessitate amendments to the existing water licence. Fifty-two Kitikmeot residents attended these community meetings.

Kugluktuk and Cambridge Bay public comment and discussion was limited to employment, training, and business opportunities. In Kugaaruk, Elders in attendance expressed concern with potential environmental impacts on fish and wildlife resources that are harvested from the area as well as employment opportunities for younger generations. Younger Kugaaruk meeting attendees focused on employment related comments and questions. In Taloyoak, HBML heard a wide range of comments on topics including employment, training, site visits for high school students, environmental testing and inspections, tailings management, mine closure, and potential effects on human health and social issues and possible HMBL initiatives/support.

In relation to requested water licence changes, stakeholders generally requested further information on regulatory processes, inspections, and effects monitoring and did not express opposition to any specific proposed project design change.

Further to HBML's decision to place the Hope Bay Project and related exploration into care and maintenance, HBML has discussed the implications of care and maintenance with the Kitikmeot Inuit Association. HBML has also attended the Kitikmeot Trade Show, has discussed care and maintenance with on-site Inuit employees, and maintains an office in Cambridge Bay where inquiries from the Kitikmeot communities can be sent. HBML is also planning a spring 2012 tour to further discuss care and maintenance with the communities.

21. SECURITY INFORMATION	
Is the financial security assessment the same as that considered in the ex	xisting water licence?
x Yes □ No	
Is the estimate of the total financial security for final reclamation the same	as that considered in the existing water
licence? x Yes □ No	
Provide an estimate of the total financial security for final reclamation eliability for land and water combined sufficient to cover the highest lestimates of reclamation costs must be based on the cost of having the third party contractor if the operator defaults. The estimate must also in the particular work to be undertaken. Please see original application for	iability over the life of the undertaking. e necessary reclamation work done by a neclude contingency factors appropriate to
Where applicable, the financial security assessment should be prepared respecting mine site reclamation and implementation found in the <i>Min</i> Indian and Northern Affairs Canada, 2002.	

22. FINANCIAL INFORMATION		
Is the statement of financial security the same as the	nat considered in the existing water	r licence?
×	Yes No	
Provide an updated statement of financial security.	See attachment.	
If the applicant is a business entity please answer t	he questions below:	
Is the list of the officers of the company the same a	s those considered in the existing	water licence?
×	Yes No	
Provide a list of the officers of the company. See at	tachment.	
Is the Certificate of Incorporation or evidence of reg	gistration of the company name the	e same?
×	Yes No	
Attach a copy of the Certificate of Incorporation or e	evidence of registration of the com	pany name. See attachment.
23. STUDIES UNDERTAKEN TO DATE		
List and attach updated studies, reports, research	etc.	
No specific studies have been undertaken to da been ongoing for the region as part of the Doris		
Provide a compliance assessment and status repo must contact the NWB for licence specific direction		
If in non-compliance, a licence may not be issued uplans/reports for consideration. Application will not		
24. PROPOSED TIME SCHEDULE		
Is the time schedule for all phases of development that considered in the existing licence?	(construction, operations, closure	and post closure) the same as
	Yes X No	
Indicate the proposed start and completion dates for operation, closure, and post closure).	or each applicable phase of develo	pment (construction,
Construction		
Proposed Start Date:TBD(month/year)	Proposed Completion Date:	TBD (month/year)
Operation Proposed Stort Poto:	Dranged Completion Date:	TDD
Proposed Start Date:TBD(month/year)	Proposed Completion Date:	(month/year)
<u>Closure</u>		
Proposed Start Date:NA(month/year)	Proposed Completion Date:	NA (month/year)
Post - Closure		(- · · ·) - · · ·)

Proposed Start Date:				Proposed Completion Date:NA(month/year)			
			(month/yea	,		, ,	
For each applicable phase of development indicate which season(s) activities occur.							
	Construction Winter	<u>n</u> ☐ Spring	Summer	Fall	× All season		
	Operation Winter	Spring	Summer	☐ Fall	× All season		
	Closure ☐ Winter	Spring	Summer	☐ Fall	× All season		
	Post - Closu	<u>ure</u> ☐ Spring	Summer	☐ Fall	× All season		
25. PROPOSED TERM OF LICENCE							
On what date does the existing licence expire?June 30, 2012							
Indicate the proposed term of the renewal (maximum of 25 years):10 years							
Requested date of renewal issuance:July 2012 Requested Expiry Date:June 2022 (month/year)							
(The requested date of renewal issuance must be <u>at least</u> three (3) months from the date of application for a type B water licence and <u>at least</u> 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 <i>Guide 5</i> : <u>Processing Water Licence Applications</u> for more information)							
26.	ANNUAL R	EPORTING					
Is the annual report template expected to be the same as that considered in the existing licence?							
				× Yes	□No		
If not using the NWB's <u>Standardized Form for Annual Reporting</u> , provide details regarding the content of annual reports and a proposed outline or template of the annual report.							
27.	CHECKLIS	Т					
The following must be included with the application for renewal for the water licensing process to begin.							
	Completed Application for Water Licence Renewal form.						
	x Yes		□No	If no	, date expected		
	Updated plans, including designs and reports (see Block 23).						
	☐ Yes submitted	plans and v	X No vill submit up∘			IL is currently reviewing all ned care and maintenance	

	activities for NWB approval during Summer 2012.							
	Updated security assessment (see Block 21).							
	Yes	× No	If no, date expectedN/A					
	Updated financial statement (see Block 22).							
	x 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, _Chris Hanks (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.								
Signatu	re	March Date	<u>13,</u> 2012					