

## **Application for Water Licence Amendment**

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## 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; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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## **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.

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

EXISTING LICENCE NO: 2BE-STO1015
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. An amendment 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: Commander Resources Ltd.
Address: 11 <sup>th</sup> Floor, 1111 Melville Street Vancouver, BC V6E 3V6
Phone: 604-685-5254
Fax: 604-685-2814 e-mail: enorton@commanderresources.com
e-mail. enotion@commanderresources.com
2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.
Name: Robert L'Heureux Company: APEX Geoscience Ltd.
Address: 200 – 9797 45 <sup>th</sup> Ave.
Edmonton, AB
T6E 5V8
Phone: 780-439-5380
Fax: 780-433-1336
e-mail: rlheureux@apexgeoscience.com

(authorization letter attached)

3.	NAME OF PROJECT		
Has the	e name of the project changed?		
XYes ☐No  If Yes, indicate the name of the project including the name of the location:  Old name "Storm Property."  New name "Aston Bay Property."  The Aston Bay Property is comprised of the Storm Prospect and the Seal Prospect			
4.	LOCATION OF UNDERTAKING		
Does t	the proposed amendment change the location of the amended undertaking?		
	×Yes □ No		
Provid	e the project extents and camp locations. Identify proposed changes.		
Project	Extents		
NW: NE: SE: SW:	Latitude: (73° 52' 30 " N)  Latitude: (73° 52' 30 " N)  Latitude: (73° 52' 30 " N)  Latitude: (73° 30' 00" N)  Longitude: (93° 30' 00" W)  Longitude: (93° 30' 00" W)  Longitude: (95° 30' 00" W)		
Camp I	Location(s)		
New C	Camp: Latitude: (73° 39' 20" N) Longitude: (94° 27' 34" W)		
Currer	nt camp located at Latitude: (73° 40' 00" N) Longitude: (94° 18' 00" W)		
5.	MAP		
Does th	ne proposed amendment change the locations of any of the main components of the undertaking?		
	☐ Yes × No		
Attach a	a topographical map, indicating the main components of the undertaking. Identify proposed changes.		
NTS Ma	ap Sheet No.: 058C Map Name: Somerset Island Map Scale: 1:500 000		
See Fig	jures 1, 2 and 3.		

	the proposed amendment change the nature of the interest in the land?
	☐ Yes × No
If Yes	, indicate changes
	cany of the following that are applicable to the proposed undertaking (at least one box under the ce' header must be checked).
	Sub-surface
	☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)  Date (expected date) of issuance: Date of expiry:  **Crown Lands Permit Number (s)/Expiry Date: Commander Resources Ltd. holds the rights to mineral claim AB 1 – AB 47 (K16471 – K16517) and Aston 1 – Aston 10 (F95596 – F95605). The Prospecting Permits 8340 – 8343 and P-12 – P-17 are held in the name of Michael Dufresne on behalf of Commander.  ***Land Use Permit approval (N2010C0003) from Aboriginal Affairs and Northern Development (AANDC), formerly Indian and Northern Affairs Canada (INAC), set to expire May 16, 2015. New application submitted in the name of Aston Bay and under review.  Date (expected date) of issuance: Application submitted Date of expiry: unknown
	Surface
	<ul> <li>★ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)</li> <li>Date (expected date) of issuance: Application submitted Date of expiry: unknown</li> <li>☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)</li> </ul>
	★ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC) Date (expected date) of issuance: Application submitted Date of expiry: unknown
	<ul> <li>★ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)</li> <li>Date (expected date) of issuance: Application submitted Date of expiry: unknown</li> <li>□ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)</li> <li>Date (expected date) of issuance: Date of expiry:</li> <li>□ IOL Authorization from Kivalliq Inuit Association (KivIA)</li> </ul>
	x Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC) Date (expected date) of issuance: Application submitted Date of expiry: unknown  ☐ 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:
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7.	NUNAVUT PLANNING COMMISSION	I (NPC) DETERMINATION		
Indica	dicate the land use planning area in which the existing project is located.			
	➤ North Baffin ☐ South Baffin ☐ Akunniq	<ul><li>☐ Keewatin</li><li>☐ Sanikiluaq</li><li>☐ West Kitikmeot</li></ul>		
Does t	Does the proposed amendment change the land use planning area?			
		☐ Yes x No		
If yes,	indicate the land use planning area in v	which the amended undertaking is located. N/A		
	☐ North Baffin ☐ South Baffin ☐ Akunniq	<ul><li>☐ Keewatin</li><li>☐ Sanikiluaq</li><li>☐ West Kitikmeot</li></ul>		
Was a		required from NPC prior to the issuance of the existing water		
		x Yes □ No		
If Yes	, indicate date issued and attach copy.	04/23/2010		
Does	the proposed amendment change the o	riginal NPC conformity determination or the need to obtain one?		
		x Yes □ No		
The N	, indicate date issued (or expected) and PC review pending. Expected after Amorprovide written confirmation from NPC of			
8.	NUNAVUT IMPACT REVIEW BOARD	(NIRB) DETERMINATION		
Was a	a screening determination required from	NIRB prior to the issuance of the existing water licence?		
		x Yes ☐ No		
If Yes	, indicate date issued and attach copy.	05/13/2010		
Does one?	the proposed amendment change the o	riginal NIRB screening determination or the need to obtain		
		x Yes □ No		
	, indicate date issued (or expected) and ew AANDC LUP application submitted.	attach a copy. NIRB review pending. Expected after Amendment		
If No, provide written confirmation from NIRB confirming that a screening determination is not required.				

9.	DESCRIPTION OF UNDERTAKING		
Does th	e proposed amendment change the description of the undertaking?		
	☐ Yes × No		
List and	attach plans and drawings or project proposal. Identify proposed changes.		
10.	OPTIONS		
	e proposed amendment change any of the alternative methods and locations that were considered out the project?		
	☐ Yes × No		
Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.			
11.	CLASSIFICATION OF PRIMARY UNDERTAKING		
Indicat boxes:	te the primary classification of undertaking for the existing licence by checking one of the following		
	<ul> <li>☐ Industrial</li> <li>☐ Agricultural</li> <li>X Mining and Milling (includes exploration/drilling/exploration camps)</li> <li>☐ Conservation</li> <li>☐ Municipal (includes camps/lodges)</li> <li>☐ Recreational</li> </ul>		
	Power Miscellaneous (describe below):		
Does the proposed amendment change the classification of primary undertaking?			
	☐ Yes × No		
If Yes, indicate the primary undertaking of the amendment:			
Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. 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		
See atta	ached EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE		

12. WATER USE		
Indicate, using the boxes below, the types of water use(s) approved in the existing licence.		
<ul> <li>X To obtain water for camp/ municipal purposes</li> <li>☐ To obtain water for industrial purposes</li> <li>☐ To cross a watercourse</li> <li>☐ To modify the bed or bank of a watercourse</li> <li>☐ To alter the flow of, or store water</li> <li>☐ Flood control</li> <li>X Other: To obtain water for diamond drilling</li> </ul>		
Does the proposed amendment change the type(s) of water use(s)?		
☐ Yes × No		
If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.		
☐ To obtain water for camp/ municipal purposes         ☐ 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:       ☐ To modify the bed or bank of a watercourse		
13. QUANTITY OF WATER INVOLVED		
Does the proposed amendment change the source of water?   X Yes □ No		
Indicate the water source(s). Identify proposed changes: Figures 1-3 attached show the location of the proposed new camp with water source and the location of the 2014 Aston Bay camp and water source. No changes have been made from the approved amended drilling plan.		
Does the proposed amendment change the quality of the water source and/or its available capacity?		
☐ Yes × No		
Describe the quality of the water source(s) and the available capacity(s). Identify any changes: No change in water quality. Care will be taken to ensure that water is drawn from bodies with sufficient capacity in order to avoid impact on lake level or flow.		
Does the proposed amendment change the overall quantity of water to be used?		
× Yes  No		
Provide the overall estimated quantity to be used. Identify proposed changes:  Current Approval for: 2 m³/day for camp and 15 m³/day for 1 drill.  Amendment Requested: 2 m³/day for camp (no change) and 40 m³/day per drill (may be 1 or 2).  Does the proposed amendment change the quantity of water to be used from each source?		
x Yes □ No		
Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes.: Camp: Once the proposed new camp is occupied the original camp will be de-mobilized and the water source from the unknown lake no longer used (2 m³/day). Water for the new camp will be sourced from the Aston River (2 m³/day).  Drilling: Each drill will use up to 40 m³/day from numerous sources (1 or 2 drills may be required).		

Does the proposed amendment change the quantity of water to be used for each purpose?			
× Yes □ No			
Provide the estimated quantities to be used for		roposed changes	s:
Camp: 2 m <sup>3</sup> /day (no change)	oden parpose (edinip, diming, etc.). Identity p	ropossa snangs	0.
Drilling: 40 m <sup>3</sup> /day per drill. With a maximum of 2 drills running. Current Licence is for 15 m <sup>3</sup> /day for 1 drill.			
Does the proposed amendment change the method(s) of extraction? ☐ Yes X No			
Describe the method(s) of extraction. Identify proposed changes: No changes are proposed to the following: "The water intakes for the camp will use an electrically powered submersible pump with a fine screen (<1/4" openings) on the intake. The drill pumps use a 1" inside diameter suction hose on the diesel pump with a fine screen on the foot valve. For drilling, a fiberglass window screen with a nominal opening size of less than 1/16" is also generally wrapped around the foot valve to prevent the intake of silt and sand into the pump, which can cause considerable damage to the pump chambers. In addition, it is common practice for the drilling contractor to place the foot valve of the intake hose in a perforated 20 L pail, which further protects against harmful materials and fish being entrained into water intake hoses."			
Does the proposed amendment change the qua	antity(s) of water returned to source(s)?		
X Yes ☐ No Estimated quantity(s) of water returned to source(s). Identify proposed changes: Current Approval for: 2 m³/day for camp and 15 m³/day for 1 drill. Amendment Requested: 2 m³/day for camp (no change) and 40 m³/day per drill (may be 1 or 2). Does the proposed amendment change the quality(s) of water returned to source(s)?			
Yes X No  Describe the quality(s) of water(s) returned to source(s). Identify any changes: No change. Water used for camp and drilling will not be returned directly to the source, but placed in a sump to allow for slow infiltration into the soil and will be located at least 31 m away from a water body. Filters will be installed on kitchen drains to ensure solid food wastes do not enter sumps. Sumps will maintain a minimum 1 metre freeboard at all times.			
14. WASTE			
Check the appropriate box(s) to indicate the type	pes of waste(s) approved in the existing licence	e.	
× Sewage	× Waste oil		
× Solid Waste	× Greywater		
× Hazardous	Sludges		
★ Bulky Items/Scrap Metal	Contaminated soil and/or water		
Animal Waste			
Other (describe):  Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?			
3	∏Yes × No		
If Yes, indicate using the boxes below, the propand/or deposited noting the addition, removal of			
Sewage	☐ Waste oil		
Solid Waste	Greywater		
Hazardous	Sludges		
☐ Bulky Items/Scrap Metal ☐ Animal Waste	Contaminated soil and/or water		
Other (describe):			_

15. QUANTITY AND QUALITY OF WASTE INVOLVED
Does the proposed amendment change the quantity(s) of the types of wastes involved?
☐ Yes × No
Does the proposed amendment change the composition(s) of the types of wastes involved?
☐ Yes × No
Does the proposed amendment change the method(s) of treatment for the types of waste involved?
☐ Yes × No
Does the proposed amendment change the method(s) of disposal for the types of waste involved?
☐ Yes × No
If Yes to any of the above, describe the proposed changes:
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		0.05	Lime	Privy Pit
Camp grey water	Waste	2	Sump	Disposed of in dry pits located adjacent to camp; allowed to percolate into overburden; minimum distance of 31 m from nearby water sources
Combustible solid waste			Incineration	Incineration
Non-combustible solid waste, bulky items, scrap metal				Removed and taken to approved recycling or disposal site
Hazardous waste or oil	Used oil	0.005	Stored in sealed containers	Removed and taken to approved disposal site
Contaminated soil/water	Hydrocarbons	0	Stored in sealed containers	Removed and taken to approved disposal site
Empty barrels/fuel drums				Removed and taken to approved refilling/disposal site

16. OTHER AUTHORIZATIONS		
Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?		
☐ Yes × No		
If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.		
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		
Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?		
☐ Yes × No		
Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes. No change. No significant impacts are anticipated.		
18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS		
Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?		
☐ Yes × No		
If Yes, provide the names, addresses and the nature of water use by those persons or properties.		
Does the proposed amendment adversely affect 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?		
☐ Yes × No		
If Yes, provide the names, addresses and the nature of water use of those persons or properties.		
Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.		

19. INUIT WATER RIGHTS	
Was compensation paid/ or an agreement(s) for con Organization (DIO) during consideration of the exist	npensation been entered into with any Designated Inuit ng licence?
If You which DIO(a)	es X No
If Yes, which DIO(s)	
Does the proposed amendment substantially affect Inuit Owned Land (IOL)?	he quality, quantity or flow of waters flowing through
□Y	es × No
If Yes, advise the Board if negotiations have comme loss or damage has been reached with one or more	
held, where and with whom. Include a list of To date, since the drilling program has yet to begin, there	y consultation meetings including when the meetings were concerns expressed and measures to address concerns. has been no consultation with interested parties. As the pate meeting with community representatives from Resolute
21. SECURITY INFORMATION	
Does the proposed amendment change the financia	I security assessment?
□Y	es X No
Does the proposed amendment change the estimate	of the total financial security for final reclamation?
□Y	es × No
liability for land and water combined sufficient to describe to the sufficient to describe the suffici	final reclamation equal to the total outstanding reclamation cover the highest liability over the life of the undertaking. e cost of having the necessary reclamation work done by a estimate must also include contingency factors appropriate ny changes in the financial security assessment resulting
	ent should be prepared in a manner consistent with the lementation found in the Mine Site Reclamation Policy for

22. FINANCIAL INFORMATION	
Is the statement of financial security the same as that	considered in the existing water licence?
× Yes	s
Provide an updated statement of financial security. At	tached
If the applicant is a business entity please answer the	questions below:
Is the list of the officers of the company the same as the	nose considered in the existing water licence?
☐ Yes	s × No
Provide a list of the officers of the company. Attached	
Is the Certificate of Incorporation or evidence of regist	ration of the company name the same?
× Yes	s □ No
Attach a copy of the Certificate of Incorporation or evid	dence of registration of the company name. Attached
23. STUDIES UNDERTAKEN TO DATE	
List and attach updated studies, reports, research etc	
·	eport can also be viewed on www.sedar.com filed under
Provide a compliance assessment and status report licensee must contact the NWB for licence specific directions.	t including a response to any inspector's reports. The rection in completing the assessment and report.
	I compliance is achieved. If in non-compliance, attach processed if significant issues of non-compliance exist.

24.	PROPOSED TIME SCHEDULE					
When	When are proposed amendments scheduled to be undertaken: 06/2015 – 09/2020					
	the proposed amendment opment?	change the time sched	dule considered in the existing	g licence for any phase of		
	× Yes □ No					
Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.						
	Construction Proposed Start Date:	06/2015 (month/year)	Proposed Completion Date: (	06/2015 (month/year)		
	Operation Proposed Start Date:	06/2015 (month/year)	Proposed Completion Date:	07/2020 (month/year)		
	Closure Proposed Start Date:	07/2020 (month/year)	Proposed Completion Date:	07/2020 (month/year)		
	Proposed Start Date:	07/2020 (month/year)	Proposed Completion Date:	unknown (month/year)		
For eac	h applicable phase of dev	relopment indicate which	ch 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					
On what date does the existing licence ex	xpire? 07	//31/201	5		
Is the Licensee applying for a combined renewal and amendment of the existing licence?					
	×Y	′es	No		
If Yes, indicate the proposed term of the	renewal (m	naximum	of 25 years):	5	
Requested date of renewal issuance:	07/31/20 (month/ye		Requested Expir	ry Date:	07/31/2020 (month/year)
(The requested date of renewal issuance mus licence and <u>at least</u> one (1) year from the date licence application. These timeframes are appuse planning or development impact requirement accordance with any project specific guideline additional information. See the NWB's <i>Guide &amp;</i>	e of application of a	ion for a t nd do no r the appl the NWE	ype A water licence account for the timicant to prepare and on the time for the	e, to allow for posite to complete I submit a wate applicant to re	rocessing of the water any pre-licensing land r licence application in espond to requests for
26. ANNUAL REPORTING					
Will the proposed amendment change the	content of	annual i	eports or the annu	ual report tem	plate?
	□ Y	′es 🗙	No		
If Yes, provide details regarding the conterport.	nt of annua	al reports	and a proposed o	outline or tem	plate of the annual

27.	CHECKLIST						
The following must be included with the application for Amendment for the water licensing process to begin.							
	Completed Application for Water Licence Amendment form.						
	x Yes ☐ No If no, date expected						
	Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)						
	× Yes						
	Compliance Assessment / Status Report (see Block 23).						
	× Yes						
	Indication of Renewal Requirement (see Block 26) N/A						
	☐ Yes ☐ No If no, date expected						
	English Summary of Amendment Application.						
	× Yes						
	Inuktitut and/or Inuinnaqtun Summary of Amendment Application.						
	x Yes ☐ No If no, date expected						
	Application fee of \$30.00 CDN (Payee Receiver General for Canada).						
	× Yes						
	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						
Rob	ert L'Heureux	Vice President APEX Geoscience Ltd.	Role 2' Messecere	February 9, 2015			
N	lame (Print)	Title (Print)	Signature	Date			