



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

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NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

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DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)		
(4)		
(5)		
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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) Jason Brewster, President Anconia Resources Corporation Suite 200, 65 front Street East Toronto, ON M5E 1B5 Phone: 416-815-9777 Fax: 416-815-1355 e-mail: Jason@anconia.ca	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Denise A. Lockett 1205 Adams Road Bowen Island, BC V0N 1G2 Phone: 604-340-4756 Fax: _____ e-mail: lockettda@telus.net authorization letter attached
3. NAME OF PROJECT (including the name of the project location) The Marce Project is located in the Kivalliq Region of Nunavut approximately 167 kilometres North and West of Whale Cove, 190 kilometres South of Baker Lake, and 180 kilometres west of Rankin Inlet.	
4. LOCATION OF UNDERTAKING Project Extents NW: Latitude: (62° 40' 41" N) Longitude: (95° 58' 24" W) NE: Latitude: (62° 40' 41" N) Longitude: (95° 23' 51" W) SE: Latitude: (62° 31' 28" N) Longitude: (95° 23' 51" W) SW: Latitude: (62° 31' 28" N) Longitude: (95° 58' 24" W) Camp Location(s) Latitude: (62 ° 33' 20 " N) Longitude: (95° 53' 40 " W)	
5. MAP - Attach a topographical map, indicating the main components of the undertaking. NTS Map Sheet No.: 55L 11/12 Map Name: _____ Map Scale: _1:250,000	

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

X Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: **applied for Jan 11, 2012** Date of expiry: *two years from issuance*

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)

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

X IOL Authorization from Kivalliq Inuit Association (KivIA)

Date (expected date) of issuance: **July 29, 2011** Date of expiry: **Aug 29, 2013**

☐ 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.

☐ North Baffin

X Keewatin

☐ South Baffin

☐ Sanikiluaq

☐ Akunnig

☐ West Kitikmeot

Is a land use plan conformity determination required?

X Yes

☐ No

If Yes, indicate date issued and attach copy Sept 8, 2011 **(attached)**

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 **applied for November 17, 2011**

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.

Maps and non-technical summary **attached**

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

As this is grassroots mineral exploration, no alternative methods are available for consideration.

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

☒ To obtain water for camp/ municipal purposes

☐ To obtain water for industrial purposes

☐ To divert a watercourse

<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 modify the bed or bank of a watercourse <input type="checkbox"/> Flood control
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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):
SEE ATTACHED MAP. "SILTY" LAKE

Describe the quality of the water source(s) and the available capacity: _____
 POTABLE WATER FOR CAMP USE, WATER AT SOURCE FOR DRILLING PURPOSES.

Provide the overall estimated quantity of water to be used: LESS THAN 100 m³/day

Provide the estimated quantity(s) of water to be used from each source:
 LESS THAN 100m³/day

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)
 Camp purposes = 5 m³/day
 Drilling purposes = 50 m³/day

Describe the method of extraction(s): HOSE WITH SCREEN, VIA PUMP
 Estimated quantity(s) of water returned to source(s) NONE m³/day

Describe the quality of water(s) returned to source(s): N/A

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

<input checked="" type="checkbox"/> Sewage <input checked="" type="checkbox"/> Solid Waste <input type="checkbox"/> Hazardous <input checked="" type="checkbox"/> Bulky Items/Scrap Metal <input type="checkbox"/> Animal Waste <input type="checkbox"/> Other (describe): _____	<input checked="" type="checkbox"/> Waste oil <input checked="" 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.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Grey Water	Kitchen and showers	3.9 m ³ /day	Routed into natural sumps	
Drill Water		34 m ³ /day	Contained or channeled so it will be filtrated and not directly enter any	

			watercourse	
Sewage	Human waste	0.01 m ³ /day	Incinolets will be used.	Ash will be collected and removed for disposal to an approved facility.
Drill cuttings	Rock flower	4 m ³ Total	Collected in a natural sump and not allowed to flow into any watercourse	
Empty Barrels/Fuel Drums		Estimated 250 Drums Total	Collected and transported to Arviat, Rankin Inlet or Yellowknife	Refilling or disposal in an approved facility.
Waste Oil/Hazardous Waste	Waste oil Lead-acid batteries	40 l/month	Waste oil will be collected and sealed in clearly marked 205L drums. Lead-acid batteries will also be contained in appropriate sealed containers, clearly marked.	Transported to an approved disposal site.
Bulk items/scrap metal	Non-combustable refuse	10 kg/day	Collected	Transported for disposal at an approved site

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.

Terrain/Permafrost: drill rigs will be heli-portable and will not traverse the ground surface. Site will be left in a stable state. Proper storage of fuel containers and use of drip pans.

Hydrology: no mitigation required.

Surface Water Quality: no discharge into receiving water environment.

Fish and Fish Habitat: Entrainment of fish and other aquatic life from water withdrawal for drill purposes. Use of screens over intake pipe to prevent entrainment.

Vegetation: minor compaction of vegetation caused by drill. Drill rig will be heli portable and will not traverse the ground surface.

Socio-Economic benefits – local employees and businesses will be used whenever possible.

Wildlife – short term aircraft and drilling noise, human interaction. Personnel training on wildlife-human interactions/encounters. Pre-drilling reconnaissance site visit prior to drilling activities will assist in identifying sensitive wildlife habitat. Site will be left in a stable state, promoting vegetation re-established. Any critical or sensitive wildlife species encountered during the drilling season, such as nesting raptors in the area, will be avoided by a 10 m buffer zone. Low level aircraft activities will be restricted to flights into and out of the camp for crew changes and supply deliveries.

Environment – minimize impact on the environment. Return site to as close to pre-exploration activities as possible.

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.

UNKNOWN AT THIS TIME.

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).

UNKNOWN AT THIS TIME.

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.

LETTERS TO STAKEHOLDERS WENT OUT JANUARY 13, 2012. CONSULTATION IS EXPECTED TO TAKE PLACE SPRING 2012.

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.

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.

For Drilling locations and Camp Facility estimated reclamation cost = \$50,000

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

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

Jason Brewster: President and C.E.O.

Harvey McKenzie: C.F.O.

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

SEE ATTACHED

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

NO STUDIES HAVE BEEN UNDERTAKEN TO DATE

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

Operation

Proposed Start Date: APRIL 2012 Proposed Completion Date: SEPTEMBER 2012
(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)

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

(month/year)

26.	ANNUAL REPORTING – 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.
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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 March 2012

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

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