



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

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Month/Day/Year

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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 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	Update NWB logo	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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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)	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)												
Eric Sondergaard Country Manager White Cliff Minerals Ltd. 3139 Leduc Crescent SW Calgary, Alberta T3E 5X1 Phone: 403-809-4982 Fax: e-mail: eric@wcminerals.com.au	Katsky Venter Director & Environmental Consultant, RainCoast Environmental Services Ltd. RainCoast Environmental Services Ltd. 221 Trincomali Hts Salt Spring Island, BC V8K 1M9 Phone: 250-538-2306 Fax: e-mail: Katsky.venter@gmail.com (See Attached authorization letter.)												
3. NAME OF PROJECT (including the name of the project location) Rae Copper Project													
4. LOCATION OF UNDERTAKING Project Extents <table border="0" style="width: 100%;"> <tr> <td>NE</td> <td>67° 51' 0.0" N</td> <td>115° 00' 0.0" W</td> </tr> <tr> <td>SE</td> <td>67° 12' 0.0" N</td> <td>115° 49' 0.0" W</td> </tr> <tr> <td>SW</td> <td>67° 40' 0.0" N</td> <td>118° 22' 0.0" W</td> </tr> <tr> <td>NW</td> <td>67° 58' 0.0" N</td> <td>118° 22' 0.0" W</td> </tr> </table> Camp Location(s) Latitude: (° ' " N) Longitude: (° ' " W) Please see Project Description.		NE	67° 51' 0.0" N	115° 00' 0.0" W	SE	67° 12' 0.0" N	115° 49' 0.0" W	SW	67° 40' 0.0" N	118° 22' 0.0" W	NW	67° 58' 0.0" N	118° 22' 0.0" W
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5. MAP - Attach a topographical map, indicating the main components of the undertaking.

Please see map in Project Description

NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____

NTS Map Sheet No	Map Name	Scale
086N05	HANBURY KOPJE	1:50K
086N06	MOUNTAIN LAKE	1:50K
086N07	TESHIERPI MOUNTAIN	1:50K
086N08	TUKTUVAK LAKE	1:50K
086N09		1:50K
086N10	BORNITE LAKE	1:50K
086N11	IMPACT LAKE	1:50K
086N12		1:50K
086N13		1:50K
086N14		1:50K
086N15	COX LAKE	1:50K
086N16		1:50K
086O05	BURNT CREEK	1:50K
086O06		1:50K
086O11	ESCAPE RAPIDS	1:50K
086O12		1:50K
086O13		1:50K
086O14	RICHARDSON BAY	1:50K

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: _____ Date of expiry: _____
An application for a Class A Land Use Permit is being submitted in parallel to this application

X Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____
WCM currently holds a KIA Class I Land Use Licence (KTL124B005; expiry July 2, 2026) and will be applying for a Class III Land Use Licence in parallel to this application

☐ 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: White Cliff Minerals Ltd

For list of WCM's mineral claims please see the Project Description Appendix A

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> North Baffin | <input type="checkbox"/> Keewatin |
| <input type="checkbox"/> South Baffin | <input type="checkbox"/> Sanikiluaq |
| <input type="checkbox"/> Akunnig | <input checked="" type="checkbox"/> West Kitikmeot |

Is a land use plan conformity determination required?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy ____ **Please see Attached NPC Conformity Determination # 150522** _____

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 _____

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

This application has been submitted to, and accepted by, the NIRB for screening and was assigned NIRB File # 125991, 24EN047.

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

Please see attached Project Description.

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

Project location is determined by area geology.

Camp location(s) will be selected based on a combination of logistical needs (e.g. being near to mineral targets, water sources, and a location accessible by plane) as well as environmental considerations (e.g. being located on dry durable ground, set back at least 31 m from the nearest waterbody, in a location the minimizes impacts and/or is in an already-impacted area (such as near the existing Hope Lake Airstrip) and cultural considerations (e.g. avoidance of any archaeological sites)). Based on these considerations, WCM's preferred alternative is to position the Rae Copper camp at the existing all-weather Hope Lake Airstrip, although alternate locations will continue to be evaluated.

Diamond drilling is the primary method used for hard rock exploration and will be complemented by reverse circulation drilling where needed. There are no suitable alternatives available.

- 11. CLASSIFICATION OF PRIMARY UNDERTAKING** - 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"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input type="checkbox"/> 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.

- | | |
|--|---|
| <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 checked="" type="checkbox"/> To cross a watercourse (when frozen) | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input checked="" type="checkbox"/> To alter the flow of, or store water (water will be stored in small water tanks for camp and drill water use) | <input type="checkbox"/> Flood control |

	Other: _____		
13.	<p>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.</p> <p>Please see Project Description and Application Supporting Materials for maps and information on water sources, calculated available capacities, proposed withdrawal quantities, methods of extraction, and water quantity and quality to be returned to source.</p> <p>Name of water source(s) (show location(s) on map): _____</p> <p>Describe the quality of the water source(s) and the available capacity: ____</p> <p>Provide the overall estimated quantity of water to be used: _____</p> <p>Provide the estimated quantity(s) of water to be used from each source: _____</p> <p>Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) _____</p> <p>Describe the method of extraction(s): _____</p> <p>Estimated quantity(s) of water returned to source(s) ____ 0 _____ m³/day</p> <p>Describe the quality of water(s) returned to source(s): ____ N/A _____</p> <p>_____</p> <p>_____</p>		
14.	<p>WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> Sewage <input type="checkbox"/> Solid Waste <input type="checkbox"/> Hazardous <input type="checkbox"/> Bulky Items/Scrap Metal <input type="checkbox"/> Animal Waste </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Waste oil <input checked="" type="checkbox"/> Greywater <input type="checkbox"/> Sludges <input type="checkbox"/> Contaminated soil and/or water </td> </tr> </table> <p>X Other (describe): ____drilling and core cutting waste_____</p> <p>It is noted that the other wastes listed above may also be generated, but will not be deposited at site; they will be backhauled for disposal.</p> <p>Please see the Waste Management Plan for further information.</p>	<input checked="" type="checkbox"/> Sewage <input type="checkbox"/> Solid Waste <input type="checkbox"/> Hazardous <input type="checkbox"/> Bulky Items/Scrap Metal <input type="checkbox"/> Animal Waste	<input 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.	<p>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.</p> <p>Please see Waste Management Plan.</p>		
16.	<p>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</p>		

undertaking. For each provide the following:
Please see Project Description and Application Supporting Materials Appendix B

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.

Potential environmental impacts related to the use of water and the disposal of waste from camp operation and proposed activities and mitigation measures would include:

- Water use will be limited to the waterbody-specific calculated available water capacity of each waterbody to ensure no negative impacts on water quantity
- No waste will be landfilled on site
- Camp waste is burnt, incinerated, and/or removed from site or deposited in sumps or natural depressions
- All sumps and camp infrastructure and fuel storage will be located more than 31 m from the nearest high water mark
- Drills and drilling supplies are positioned using helicopters to minimize ground disturbance when the ground is unfrozen
- When drilling in permafrost, salt (calcium chloride) is added to drill water to keep the drill rods from freezing in the hole and water may be heated.
- Water from drilling operations is recirculated to minimize the quantity of both water and salt used and runoff near the drill site.
- Drill cuttings are collected and deposited in a sump
- Drilling on lakes occurs within a casing to minimize sedimentation.

Cumulative impacts of drilling are reduced because of the above mitigation measures.

Further detail on potential Project impacts and proposed mitigation in relation to the physical, biological, socio-Economic environment as well as potential for cumulative effects can be found in the Project Description and Application Supporting Materials Section 6 and Appendix C. Please also see WCM's Waste Management Plan and Spill Contingency Plan which outline management and mitigation measures which will be employed to minimize potential for impacts related to water and waste.

Through the application of these management and mitigation measures, in combination with the nature and limited scale of the proposed activities, no significant effects related to water use and deposit of waste are anticipated.

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.

WCM's drilling activity and drill water use will be constrained to WCM's mineral claims. WCM is not

aware of any notable overlapping water uses in these areas.

WCM's camp may be established outside of WCM's mineral claims, near the existing all-weather Hope Lake Airstrip. Tundra Copper Corp. (contact information from NWB public registry below) holds the mineral claims in this area and water licence 2BE-COP2429. 2BE-COP2429 allows a cumulative daily water use of up to 18 m³/day for a combination of camp and initial drilling purposes.

WCM does not anticipate any significant cumulative impact of combined WCM and Tundra Copper water uses and waste deposit and has discussed plans to use the Hope Lake Airstrip with Tundra Copper Corp.

Tundra Copper Corporation
654-999 Canada Place
Vancouver, BC V6C 3E1
(604)669-6446

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).

Due to the nature and scope of activities combined with the implementation of the mitigation and management measures outlined in this application, no substantial effect on the quality, quantity or flow of waters flowing through Inuit Owned Land is anticipated.

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.

Please see Attached Engagement Summary.

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.

A combined land and water security estimate for closure of the fully executed Project is estimated at \$110,000. WCM will be posting a \$75,000 security deposit with the Kitikmeot Inuit Association for this Project, as per the KitIA's requirements for a Class II Land Use Licence.

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

WCMs financial statements can be found on it's website at <https://wcminerals.com.au/annual-reports>. The annual report for year ended June 30, 2024 indicates that WCM has cash and cash equivalents of \$2.96 million Australian Dollars (AUD) and total assets of \$5.57 million AUD.

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

WCM Company officers are:

Eric Sondergaard (Director)
Roderick McIlree (Director)
Troy Whittaker (Director)
Dan Smith (Director)

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 Certificate of Incorporation.

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

WCM recently completed an initial geophysical and ground sampling survey and an archaeological overview assessment of potential camp locations and initial drill sites to ensure activities will not conflict with archaeological resources. Reports of these findings are in preparation and archaeological results will be provided to the Government of Nunavut as required under the Archaeological Research Permit that authorized the study. WCM notes that other studies have been undertaken by other proponents during the course of historical exploration in this area, and these included additional geological and archaeological studies.

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: **February 2025** Proposed Completion Date: **February 2032**
(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

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<p>x Yes <input type="checkbox"/> No</p> <p>English Summary of Application.</p> <p>x Yes <input type="checkbox"/> No</p> <p>Inuktitut and/or Inuinnaqtun Summary of Application.</p> <p>x Yes <input type="checkbox"/> No</p> <p>Application Fee of \$30.00 CDN (Payee Receiver General for Canada).</p> <p>x Yes <input type="checkbox"/> No</p> <p>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.</p> <p>x Yes <input type="checkbox"/> No</p>	<p>If no, date expected _____</p> <p>If no, date expected _____</p> <p>If no, date expected _____</p> <p>If no, date expected submitted by mail _____</p> <p>If no, date expected submitted by mail _____</p>							
<p>28. SIGNATURE</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border-bottom: 1px solid black; padding-bottom: 5px;">Eric Sondergaard</td> <td style="width: 33%; border-bottom: 1px solid black; padding-bottom: 5px;">Country Manager</td> <td style="width: 33%; text-align: center; border-bottom: 1px solid black; padding-bottom: 5px;">  </td> </tr> <tr> <td style="text-align: center; border-top: 1px solid black; padding-top: 5px;">Name (Print)</td> <td style="text-align: center; border-top: 1px solid black; padding-top: 5px;">Title (Print)</td> <td style="text-align: center; border-top: 1px solid black; padding-top: 5px;">Signature</td> </tr> </table>			Eric Sondergaard	Country Manager		Name (Print)	Title (Print)	Signature
Eric Sondergaard	Country Manager							
Name (Print)	Title (Print)	Signature						
		24/10/2024 Date						