

Water Licence Renewal, 2BE-HOP1222, April 2022
Update proposed to the licence conditions

Section	Proposed Update	Rationale
Part A, item 1, Scope	This includes the Windy Camp and associated infrastructure (fuel storage) including water intake at Windy Lake and a Waste Water Treatment Facility for treatment of camp sewage and greywater, the temporary use of water from Windy Lake and transport to the Doris Camp via winter road for potable use until the new treatment system is commissioned at the Doris Camp , Patch Lake Major Drilling facilities (and Bulk Fuel Storage) at the north end of Patch Lake, closure of the current Windy Lake Camp and Patch Lake Major Drilling infrastructure with the relocation of the bulk fuel storage facility tanks to the new Quarry D bulk fuel location, adjacent to the new camp	The water used by the Doris camp is no longer drawn under the licence 2BE-HOP1222, but under the 2AM-DOH1335.
Part C, item 1	The Licensee shall obtain all water for domestic camp use from Windy Lake for the Windy Camp and Doris camp , not exceeding sixty three (63) cubic metres per day . Drill water shall be obtained from local water source(s), detailed on the June, 2007 drawing entitled "Hope Bay Exploration Drilling Water Sources", and may include additional water bodies proximal to the drilling targets that possess a surface area greater than or equal to 15,000 m2, or as otherwise approved by the Board . The total volume of water for drilling purposes shall not exceed eighty (80) cubic metres per day . In addition, the Licensee shall obtain from Windy Lake, water	As the Doris camp is now covered under the water licence 2AM-DOH1335, this part could be removed from the licence 2BE-HOP1222. The water allocated from Windy Lake for the future Windy Camp can be adjusted to 15m3/day. It is proposed to have standard drill water source description ex: "Drill Water shall be obtained from local Water source(s), proximal to the drilling targets. "

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	for dust suppression on the Windy Lake all-weather road, not exceeding two hundred (200) cubic metres per day on a seasonal basis as required, from May through September. Total water use from all sources, for all purposes shall not exceed three hundred forty three (343) cubic metres per day.	The proposed water volume allocated to drilling could be revised to 284m3/day and the total volume could be revised to 299m3/day. The water allocated for dust suppression is also covered under water licence 2AM-DOH1335.
Part C, item 8	The Licensee shall provide written notice to the Inspector upon completion of the water treatment upgrades at the Doris Camp and cessation of domestic water use requirements from Windy Lake for the Camp.	This item is now covered under the water licence 2AM-DOH1335 and could be removed from the licence 2BE-HOP1222.
Part C, item 9	Licensee shall provide written notice to the Inspector, at least five (5) days prior to any further requirement for water use from Windy Lake for domestic purposes at the Doris Camp. The notice shall include method of water taking, method of transport to the Camp, duration of water requirement and anticipated volumes required.	The Doris camp is now covered under the water licence 2AM-DOH1335, this item could be removed from the licence 2BE-HOP122.
Part D, item 12	The Licensee shall collect as required, all sludge generated by the Waste Water Treatment Facilities in 45-gallon drums and transport to the Boston Camp for proper disposal unless otherwise approved by the Board in writing.	It is proposed to replace “45-gallon drums” by “appropriate containment” and to replace “Boston Camp” by “ appropriate disposal facility and/or by “to the Doris camp site”.

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Part D, item 22	The Licensee shall implement the approved, revised <i>Hope Bay Project Quarry A, B & D Management and Monitoring Plan, dated October 20, 2010.</i>	This renewal application includes the Hope Bay Project Quarry Management Plan, dated March 2022.
Part H, item 1	<i>The Licensee has submitted, September 23, 2011, a Spill Contingency Plan entitled Hope Bay Project Spill Contingency Plan, for the Hope Bay Project, which encompasses the Hope Bay Belt projects including Roberts Bay, the Doris, Boston and Windy camps. This Plan covers the Windy Camp with respect to care and maintenance of the site. The Licensee shall submit to the Board for approval in writing, within ninety (90) days of issuance of this Licence, a revised Plan that takes into consideration the status of the entire Hope Bay Belt project as it influences the activities, environmental and safety issues of the Windy Camp and the Hope Bay Regional Exploration Project.</i>	It is proposed to remove this item as this was completed.
Part H, item 2	<i>Licensee shall submit to the Board for approval in writing, sixty (60) days prior to the resumption of exploration activity at the Hope Bay Regional Exploration Project, a revised Spill Contingency Plan that is specific to the scope of this Licence and prepared in accordance with the Spill Contingency Planning and Reporting Regulations developed under Section 34 of the Environmental Protection Act.</i>	This renewal application includes the Hope Bay Project Spill Contingency Plan, dated March 2022.

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Part I, Item1	The Licensee shall submit to the Board for approval in writing, within ninety (90) days of issuance of this Licence, revisions to the abandonment and restoration plans for both the Windy Camp and the Patch Lake Facility, dated January 2011 and submitted to the Board January 24, 2011. The revised, updated Plans are to be prepared in accordance with the Mine Site Reclamation Guidelines for the Northwest Territories, 2006 and consistent with the INAC Mine Site Reclamation Policy for Nunavut, 2002, taking into account the comments received during the technical review distribution of February 23, 2011 and the current care and maintenance status of the project.	This item could be removed, as it was completed with submission of 2014 Closure Plan.
Part I, Item 3	The Licensee shall, upon re-establishing the Windy Camp at Quarry D or any other location as approved by the Board in writing, submit to the Board for approval in writing, within ninety (90) days of commencing activity at the Camp, an abandonment and restoration plan for the new Windy Camp. The Plan is to be prepared in accordance with the Mine Site Reclamation Guidelines for the Northwest Territories, 2006 and consistent with the INAC Mine Site Reclamation Policy for Nunavut, 2002.	It is proposed to update the document reference.

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Part I, Item 4	<p>The Licensee shall provide to the Board for review, within ninety (90) days of issuance of this Licence, a final closure report for the Landfarm facility operated at the Windy Camp Regional Exploration Project, that includes, but not limited to:</p> <ul style="list-style-type: none"> a. the original design of the facility; b. materials deposited for treatment; c. treatment operations; d. monitoring results and summary of effluent discharged, remaining soil quality, monitoring results of soil sampling from under the former facility; e. consideration of options for further treatment and closure; f. final closure and reclamation completed, and g. future monitoring of the site. 	This item could be removed as it was completed and referenced in the 2014 Closure Plan submitted to the Board.
Part J, Item 1	<p>HOP 5: Effluent from the Bulk Fuel Storage Facility located at the Windy Camp, prior to release.</p> <p>HOP 6: Effluent from the Bulk Fuel Storage Facility located at the Patch Lake location, prior to release to a location approved by an Inspector.</p>	The reference to the monitoring station HOP-5 could be removed from the licence as the Bulk Fuel Storage Facility was decommissioned in 2008.
Part J, Item 8	The Licensee shall measure and record, in cubic metres, the daily quantities of water used for Camp, drilling and for all other	As the Doris camp is now covered under the water licence 2AM-DOH1335, this part could be removed from the licence 2BE-HOP1222.

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	purposes. The use of Windy Lake as a temporary water source for the Doris Camp shall be recorded and reported as a separate use within the annual report required under Part B, Item 2(i). In addition, the daily quantities of water used for drilling shall be recorded for each water source used in accordance with Part C, Item 1.	
Part J, Item 9	The Licensee shall monitor water levels in Windy Lake during open water, in order to verify that additional water withdrawal for dust suppression activities does not result in drawdown beyond naturally occurring levels.	This item could be removed as there is no longer water drawn for dust suppression under this licence.
Part J, Item 10	The Licensee shall measure and record, in cubic metres, the daily quantities of effluent discharged at Monitoring Program Station HOP-3 as well as volumes pumped Stations HOP-5, HOP-6, HOP-7A, B and D and HOP-8.	As discussed in par J, item 1, HOP-5 and HOP-6 could be removed from this licence.
Part J, Item 12	The Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where sources of water are utilized for all purposes and provide the necessary information to confirm compliance under Part C, Item 1, with respect to the water body surface area for water sources used to support drilling.	A part of this item could be removed in reference to Part C, item 1.

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Part J, Item 14	The Licensee shall implement the Hope Bay Mining Limited, Quality Assurance and Quality Control Plan R5, for the Windy Lake Camp and the Patch Lake Fuel Farm Area, dated December 31, 2010, prepared in accordance with the INAC document "Quality Assurance (QA) and Quality Control (QC) Guidelines for use by Class "B" Licensees in Collecting Representative Water Samples in the Field, 1996" approved by an Analyst on July 4, 2011.	This renewal application includes the Hope Bay Project Quality Assurance March 2022.
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