

2BE-HRP1419
Application for Renewal and Amendment
Compliance Assessment
May 2019

Part	Item	Paragraph	Compliance Status		
A	SCOPE, DEFINITIONS AND ENFORCEMENT		Complaint? (Y/N)	Corrective Action	Comment
	1	Scope			
		This Licence allows for the use of water and the deposit of waste for a Mining undertaking classified as per Schedule 1 of the <i>Regulations</i> at the Hood River Project, located approximately 200 kilometres southeast Kugluktuk within the Kitikmeot Region, Nunavut.	-		
		a This Licence is issued subject to the conditions contained herein with respect to the taking of water and the depositing of waste of any type in any waters or in any place under any conditions where such waste or any other waste that results from the deposits of such waste may enter any waters. Whenever new Regulations are made or existing <i>Regulations</i> are amended by the Governor in Council under the <i>Nunavut Waters and Nunavut Surface Rights Tribunal Act</i> , or other statutes imposing more stringent conditions relating to the quantity or type of waste that may be so deposited or under which any such waste may be so deposited, this Licence shall be deemed, upon promulgation of such Regulations, to be subject to such requirements; and			
		b Compliance with the terms and conditions of this Licence does not absolve the Licensee from responsibility for compliance with the requirements of all applicable Federal, Territorial and Municipal legislation.			
	2	Definitions			
		<p>“Addendum” means the supplemental text that is added to a full plan or report usually included at the end of the document and is not intended to require a full resubmission of the revised report;</p> <p>“Amendment” means a change to original terms and conditions of this Licence requiring correction, addition or deletion of specific terms and conditions of the Licence; modifications inconsistent with the terms of the set terms and conditions of the Licence;</p> <p>“Appurtenant Undertaking” means an undertaking in relation to which a use of water or a deposit of waste is permitted by a licence issued by the Board;</p> <p>“Board” means the Nunavut Water Board established under the Nunavut Land Claims Agreement and the Nunavut Waters and Nunavut Surface Rights Tribunal Act;</p> <p>“Effluent” means treated or untreated liquid waste material that is discharged into the environment from a structure such as a settling pond, landfarm or a treatment plant;</p> <p>“Engineer” means a professional engineer registered to practice in Nunavut in accordance with the Consolidation of Engineers and Geoscientists Act S. Nu 2008, c.2 and the Engineering and Geoscience Professions Act S.N.W.T. 2006, c.16 Amended by S.N.W.T. 2009, c.12;</p> <p>“Greywater” means all liquid wastes from showers, baths, sinks, kitchens and domestic washing facilities, but does not include toilet wastes;</p> <p>“High Water Mark” means the usual or average level to which a body of water rises at its highest point and remains for sufficient time so as to change the characteristics of the land (ref. Department of Fisheries and Oceans Canada, Operational Statement: Mineral Exploration Activities);</p> <p>“ICP Scan” means the laboratory method for determining trace metals in water through Emission Spectroscopy using inductively coupled plasma (including from approximately 22 to 32 elements, depending on the laboratory performing the analysis);</p> <p>“Inspector” means an Inspector designated by the Minister under Section 85 (1) of the Act;</p> <p>“Licensee” means the holder of this Licence;</p> <p>“Modification” means an alteration to a physical work that introduces a new structure or eliminates an existing structure and does not alter the purpose or function of the work, but does not include an expansion;</p> <p>“Nunavut Land Claims Agreement (NLCA)” means the “Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada”, including its preamble and schedules, and any amendments to that agreement made pursuant to it;</p> <p>“Regulations” means the Nunavut Waters Regulations SOR/2013-69 18th April, 2013;</p> <p>“Secondary Containment” means an impermeable structure, external to and separate from primary containment, which prevents unplanned spills of hazardous materials and provides a minimum capacity of 110% of the original vessel. Where multiple vessels are stored within the containment, it must provide a minimum capacity equal to the sum of the largest vessel and 10% of the aggregate volume of all other vessels located in the containment. This structure shall also provide containment and control of hoses and nozzles;</p> <p>“Sewage” means all toilet wastes and greywater;</p> <p>“Spill Contingency Plan” means a Plan developed to deal with unforeseen petroleum and hazardous materials events that may occur during the operations</p>	-		
	3	Enforcement			
		a Failure to comply with this Licence will be a violation of the <i>Act</i> , subjecting the Licensee to the enforcement measures and the penalties provided for in the <i>Act</i> ;	-		
		b All inspection and enforcement services regarding this Licence will be provided by Inspectors appointed under the <i>Act</i> ; and	-		
		c For the purpose of enforcing this Licence and with respect to the use of water and deposit or discharge of waste by the Licensee, Inspectors appointed under the <i>Act</i> , hold all powers, privileges and protections that are conferred upon them by the <i>Act</i> or by other applicable law.	-		
B	GENERAL CONDITIONS				
	1	The water use fees, payable to the Receiver General for Canada, shall be sent to the Board annually for the right to the use of water in accordance with Section 12 of the <i>Regulations</i> .	Y		
	2	The Licensee shall file an Annual Report on the Appurtenant Undertaking with the Board no later than March 31 of the year following the calendar year being reported, containing the following information:	Y		
		a A summary report of water use and waste disposal activities;			
		b Quantity of water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Inuit-owned lands for the reporting period;			
		c Quantity of water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Crown Lands reporting period;			
		d Quantity of waste disposed of on on-site waste disposal facility;			

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		e	Quantity of waste backhauled to approved facility for disposal;		
		f	A list of unauthorized discharges and a summary of follow-up actions taken;		
		g	Any revisions to the Spill Contingency Plan, and Abandonment and Restoration Plan, and any other Plans as required by Part B, Item 7, submitted in the form of an Addendum;		
		h	A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;		
		i	Report all artesian flow occurrences as required under Part F, Item 3;		
		j	A summary of all information requested and results of the Monitoring Program; and		
		k	Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.		
	3		The Licensee shall notify the NWB of any changes in operating plans or conditions associated with this project at least thirty (30) days prior to any such change.	Y	
	4		The Licensee shall install flow meters or other such devices, or implement suitable methods required for the measuring of water volumes as required under Part J, Item 1.	-	No water was used.
	5		The Licensee shall, for all Plans submitted under this Licence, include a proposed timetable for implementation. Plans submitted, cannot be undertaken without subsequent written Board approval and direction. The Board may alter or modify a Plan if necessary to achieve the legislative objectives and will notify the Licensee in writing of acceptance, rejection or alteration of the Plan.	Y	
	6		The Licensee shall, for all Plans submitted under this Licence, implement the Plan as approved by the Board in writing.	Y	
	7		The Licensee shall review the Plans referred to in this Licence, as required by changes in operation and/or technology, and modify the Plan accordingly. Revisions to the Plans shall be submitted in the form of an Addendum to be included with the Annual Report.	Y	
	8		Every Plan to be carried out pursuant to the terms and conditions of this Licence shall become a part of this Licence, and any additional terms and conditions imposed upon approval of a Plan by the Board become part of this Licence. All terms and conditions of the Licence should be contemplated in the development of a Plan where appropriate.	Y	
	9		The Licensee shall ensure a copy of this Licence is maintained at the site of operations at all times. Any communication with respect to this Licence shall be made in writing to the attention of:	Y	
		(a) Manager of Licensing: Nunavut Water Board P.O. Box 119 Gjoa Haven, NU X0B 1J0 Telephone: (867) 360-6338 Fax: (867) 360-6369 Email: licensing@nwb-oen.ca			
		(b) Inspector Contact: Manager of Field Operations, AANDC Nunavut District, Nunavut Region P.O. Box 100 Iqaluit, NU X0A 0H0 Telephone: (867) 975-4295 Fax: (867) 979-6445			
	10		The Licensee shall submit one paper copy and one electronic copy of all reports, studies, and plans to the Board. Reports or studies submitted to the Board by the Licensee shall include a detailed executive summary in Inuktitut and Inuinnaqtun.	Y	
	11		The Licensee shall ensure that any document(s) or correspondence submitted by the Licensee to the NWB is received and acknowledged by the Manager of Licensing.	Y	
	12		This Licence is assignable as provided for in Section 44 of the Act .	-	
C	CONDITIONS APPLYING TO WATER USE				
	1		The Licensee is not allowed to use water under this licence for domestic purposes. Drill water shall be obtained from water source(s), proximal to the drilling targets as outlined in the application and shall not exceed one hundred (100) cubic metres <i>per</i> day. The volume of water used for all purposes under this Licence shall not exceed one hundred (100) cubic metres <i>per</i> day.	-	No drilling has occurred.
	2		The use of water from streams or any water bodies not identified in Part C, Item 1, is prohibited unless authorized and approved by the Board in writing.	-	No water was used.
	3		Where the use of water is of a sufficient volume that the source Water body may be drawn down, the Licensee shall submit for approval of the Board in writing, the following information: the volume required, a hydrological overview of the water body, details of impacts, and proposed mitigation measures.	-	No water was used.
	4		The Licensee shall equip all water intake hoses with a screen of an appropriate mesh size to ensure that fish are not entrained and shall withdraw water at a rate such that fish do not become impinged on the screen.	-	No water was used.
	5		The Licensee shall not remove any material from below the ordinary High Water Mark of any water body unless authorized.	Y	
	6		The Licensee shall not cause erosion to the banks of any body of water and shall provide necessary controls to prevent such erosion.	Y	
	7		Sediment and erosion control measures shall be implemented prior to and maintained during the undertaking to prevent entry of sediment into water.	Y	
D	CONDITIONS APPLYING TO WASTE DISPOSAL				
	1		The Licensee shall locate areas designated for waste disposal at a minimum distance of thirty one (31) metres from the ordinary High Water Mark of any water body such that the quality, quantity or flow of water is not impaired, unless otherwise approved by the Board in writing.	Y	

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	2	The Licensee shall not practice on-site land filling of domestic waste, unless otherwise approved by the Board in writing.	Y		
	3	The Licensee is authorized to dispose of all acceptable food waste, paper waste and untreated wood products in an incinerator.	-		No incinerator currently on site.
	4	The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding waters, unless otherwise approved by the Board in writing.	Y		
	5	The Licensee shall provide to the Board documented authorization from all communities in Nunavut receiving wastes from the Hood River Project prior to any backhauling and disposal of wastes to those communities.	Y		
	6	The Licensee shall backhaul and dispose of all hazardous wastes, waste oil and noncombustible waste generated through the course of the operation at a licensed waste disposal site.	-		No hazardous waste was backhauled.
	7	The Licensee shall maintain records of all waste backhauled and records of confirmation of proper disposal of backhauled waste. These records shall be made available to an Inspector upon request.	Y		
	8	The Licensee shall contain all greywater in a Sump located at a distance of at least thirty one (31) metres above the ordinary High Water Mark of any water body, at a site where direct flow into a water body is not possible and no additional impacts are created, unless otherwise approved by the Board in writing.	Y		
E	CONDITIONS FOR CAMPS, ACCESS INFRASTRUCTURES AND OPERATIONS				
	1	No camp activities are authorized under the provisions of this Licence.	Y		
	2	The Licensee shall provide to the Board for review, within ninety (90) days of issuance of this Licence, a copy of the written agreement between the Licensee and holder of Licence 2BM-ULU0914, confirming that the Licensee is allowed the use of the existing camp facilities established under Licence 2BM-ULU0914 to support the Hood River Project	Y		
	3	The Licensee is allowed to establish one emergency shelter under provisions of this Licence.	-		No emergency shelter was established.
	4	The Licensee shall provide, to the Board and an Inspector, the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) for location of the emergency shelter referred to in Part E, Item 2 within thirty (30) days of establishing the facility.	-		No emergency shelter was established.
	5	The Licensee shall conduct all activities in such a way as to minimize impacts on surface drainage and the Licensee shall immediately undertake corrective measures in the event of any impacts on surface drainage.	Y		
	6	The Licensee shall construct all winter lake and stream crossings, including ice bridges, entirely of water, ice or snow. The Licensee shall minimize disturbance by locating ice bridges in an area that requires the minimum approach grading and the shortest crossing route. Stream crossings shall be removed or the ice notched prior to spring break-up.	-		No winter lake and stream crossings were constructed.
	7	With respect to access road, pad construction or other earthworks, the deposition of debris or sediment into or onto any water body is prohibited. These materials shall be disposed a distance of at least thirty one (31) metres from the ordinary High Water Mark and in such a fashion that they do not enter the water.	-		No earthworks were undertaken.
	8	the Licensee shall not mobilize heavy equipment or vehicles unless the ground surface is capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles shall be suspended if rutting occurs	-		No equipment was used.
F	CONDITIONS APPLYING TO DRILLING OPERATIONS				
	1	The Licensee shall not conduct any land-based drilling within thirty-one (31) metres of the ordinary High Water Mark of any water body, unless otherwise approved by the Board in writing.	-		No drilling was undertaken.
	2	The Licensee shall dispose of all drill waste, including water, chips, muds and salts (CaCl ₂) in any quantity or concentration, from land-based and on-ice drilling, in a properly constructed Sump or an appropriate natural depression located at a distance of at least thirty one (31) metres from the ordinary High Water Mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created.	-		No drilling was undertaken.
	3	If artesian flow is encountered, drill holes shall be immediately sealed and permanently capped to prevent induced contamination of groundwater or salinization of surface waters. The Licensee shall report all artesian flow occurrences within the Annual Report, including the location (GPS coordinates) and dates.	-		No drilling was undertaken.
	4	Drilling additives or mud shall not be used in connection with holes drilled through lake ice unless they are re-circulated or contained such that they do not enter the water, or are demonstrated to be non-toxic.	-		No drilling was undertaken.
	5	For "on-ice" drilling where drill additives are not being used, return water released must be nontoxic, and not result in an increase in total suspended solids in the immediate receiving waters, above the Canadian Council of Ministers for the Environment, Guidelines for the Protection of Freshwater Aquatic Life (i.e. 10 mg/L for lakes with background levels under 100 mg/L, or 10% for those above 100 mg/L).	-		No drilling was undertaken.
	6	The Licensee shall establish water quality conditions prior to and upon completion of any drilling program through lake ice.	-		No drilling was undertaken.
G	CONDITIONS APPLYING TO MODIFICATIONS				
	1	The Licensee may, without written consent from the Board, carry out Modifications to the Water Supply Facilities and Waste Disposal Facilities provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:	-		No modifications were undertaken.
	a	the Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the Modifications;			
	b	such Modifications do not place the Licensee in contravention of the Licence or the Act ;			
	c	such Modifications are consistent with the NIRB Screening Decision;			
	d	the Board has not, during the sixty (60) days following notification of the proposed Modifications, informed the Licensee that review of the proposal will require more than sixty (60) days; and			

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		e	the Board has not rejected the proposed Modifications.		
	2		Modifications for which all of the conditions referred to in Part G, Item 1 have not been met can be carried out only with written approval from the Board.	-	No modifications were undertaken.
	3		The Licensee shall provide as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the Modification. These plans and drawings shall be stamped by an Engineer.	-	No modifications were undertaken.
H	CONDITIONS APPLYING TO SPILL CONTINGENCY PLANNING				
	1		The Board has approved the Plan entitled "Hood River Project (CO20: HOODRIVER001 Mineral Exploration Agreement): Fuel Spill Contingency Plan" dated May 25, 2014 that was submitted as additional information with the Application.	Noted.	
	2		The Licensee shall submit with the 2014 Annual Report an Addendum to the Plan referred to in Part H, Item 1, in the format set out by the Consolidation of Spill Contingency Planning and Reporting Regulations R-068-93 addressing the following issues:	Y	
		a	Inclusion of a detailed site or topographic map showing the location of the emergency shelter, Ulu camp facility, fuel caches, spill kits, nearby water bodies and other relevant information;		
		b	Inclusion of updated contact information for the Ulu camp facility and AANDC's representatives (Replace Peter Kusugak with Field Operations Division Manager); and		
		c	Inclusion of details related to the types and quantities of fuel stored on site.		
	3		The Licensee shall prevent any chemicals, petroleum products or wastes associated with the project from entering water. All Sumps and fuel caches shall be located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body and inspected on a regular basis.	Y	
	4		The Licensee shall conduct any equipment maintenance and servicing in designated areas and shall implement special procedures (such as the use of drip pans) to manage motor fluids and other waste and contain potential spills.	Y	
	5		If during the term of this Licence, an unauthorized discharge of waste occurs, or if such a discharge is foreseeable, the Licensee shall:	Y	
		a	Employ the approved Spill Contingency Plan;		
		b	Report the spill immediately to the 24-Hour Spill Line at (867) 920-8130 and to the Inspector at (867) 975-4295; and		
		c	For each spill occurrence, submit to the Inspector, no later than thirty (30) days after initially reporting the event, a detailed report that will include the amount and type of spilled product, the GPS location of the spill, and the measures taken to contain and clean up the spill site.		
	6		The Licensee shall, in addition to Part H, Item 5, regardless of the quantity of releases of harmful substances, report to the NWT/NU Spill Line if the release is near or into a Water body.	Y	
I	CONDITIONS APPLYING TO ABANDONMENT AND RESTORATION OR TEMPORARY CLOSING				
	1		1. The Board has approved the Plan entitled "WPC Resources Incorporated Hood River Project Abandonment and Decommissioning Plan" dated May 25, 2014 that was submitted as additional information with the Application.	-	
	2		The Licensee shall submit with the 2014 Annual Report and Addendum to the Plan referred to in Part I, Item 1, to address the following:	Y	
		a	Inclusion of a detailed site or topographic map showing the location of the emergency shelter, Ulu camp facility, fuel caches, spill kits, nearby water bodies and other relevant information;		
		b	Inclusion of updated contact information for the Ulu camp facility and AANDC's representative (Replace Peter Kusugak with Field Operations Division Manager); and		
		c	Inclusion of details related to the types and quantities of fuel stored on site.		
	3		The Licensee shall complete all restoration work prior to the expiry of this Licence.	Y	
	4		The Licensee shall carry out progressive reclamation of any components of the project no longer required for the Licensee's operations.	Y	
	5		The Licensee shall backfill and restore all Sumps to the pre-existing natural contours of the land.	Y	
	6		The Licensee shall remove from the site, all infrastructure and site materials, including all fuel caches, drums, barrels, buildings and contents, docks, water pumps and lines, material and equipment prior to the expiry of this Licence.	Y	
	7		All roads and airstrip, if any, shall be re-graded to match natural contour to reduce erosion.	-	No road or airstrips have been constructed.
	8		The Licensee shall remove any culverts and restore the drainage to match the natural channel. Measures shall be implemented to minimize erosion and sedimentation.	-	No culverts have been put in place.
	9		In order to promote growth of vegetation and the needed microclimate for seed deposition, all disturbed surfaces shall be prepared by ripping, grading, or scarifying the surface to conform to the natural topography.	Y	
	10		Areas that have been contaminated by hydrocarbons from normal fuel transfer procedures shall be reclaimed to meet objectives as outlined in the Government of Nunavut's <i>Environmental Guideline for Site Remediation</i> (2010). The use of reclaimed soils for the purpose of back fill or general site grading may be carried out only upon consultation and approval by the Government of Nunavut, Department of Environment and an Inspector.	Y	
	11		The Licensee shall restore all drill holes and disturbed areas to natural conditions immediately upon completion of the drilling. The restoration of drill holes must include the removal of any drill casing materials and if having encountered artesian flow, the capping of holes with a permanent seal.	-	No drilling has occurred.
	12		The Licensee may store drill cores produced by the appurtenant undertaking in an appropriate manner and location at least thirty one (31) metres above the ordinary High Water Mark of any adjacent water body, where any direct flow into a water body is not possible and no additional impacts are created.	Y	
	13		The Licensee shall contour and stabilize all disturbed areas to a pre-disturbed state upon completion of work.	Y	
J	CONDITIONS APPLYING TO THE MONITORING PROGRAM				
	1		The Licensee shall measure and record, in cubic metres, the daily quantities of water utilized for drilling and other purposes.	-	No water has been used.

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	2	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.	-		No water has been used.
	3	The Licensee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where wastes associated with camp operations and drilling operations are deposited.	Y		
	4	The Licensee shall obtain representative samples of the water column below any ice where required under Part F, Item 5 and 6. Monitoring shall include but not be limited to the following:	-		No drilling has occurred.
		Total Suspended Solids, pH, Electrical Conductivity, Total Trace Metals as determined by a standard ICP Scan (to include at a minimum, the following elements: Al, Sb, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Li, Mn, Mo, Ni, Se, Sn, Sr, Ti, U, V, Zn), and Trace Arsenic and Mercury.			
	5	All sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of <i>Standard Methods for the Examination of Water and Wastewater</i> , or by such other methods approved by the Board in writing.	Y		
	6	All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.	Y		
	7	The Licensee shall include in the Annual Report required under Part B, Item 2 all data, monitoring results and information required by this Part.	Y		