

HAMLET OF REPULSE BAY - PLAN FOR COMPLIANCE
NWB LICENCE NO. 3BM-REP0409
05/12/2014

Licence Condition		Status of Compliance	Short Term Plan for Compliance	Responsibility	Schedule of Implementation	Long Term Plan for Compliance
PART B	GENERAL CONDITIONS					
B-1	The Licensee shall file an Annual Report with the Board not later than March 31st of the year following the calendar year reported.	<i>Compliance</i>	Annual Reports for 2004-2011 were submitted with the Renewal/Amendment Application. Annual Reports for 2012 and 2013 were submitted on time.	Hamlet of Repulse Bay, with assistance from CGS Rankin Inlet as needed.	Annual Reports will be submitted to the NWB prior to the March 31st deadline each year.	Fully complete Annual Reports on time each year.
B-2	The Licensee shall comply with the "Monitoring Program" described in this Licence, and any amendments to the "Monitoring Program" as may be made from time to time, pursuant to the conditions of this Licence.	<i>Non-compliance</i>	Weekly checks of the Monitoring Stations will begin in May and continue until the end of August. When flow is present, monthly samples will be taken. May-August checks and a summary of sample analysis will be submitted with the Annual Report.	Hamlet of Repulse Bay, with assistance from CGS Rankin Inlet as needed.	Weekly checks of Monitoring Stations will begin May 2015 and continue until August 2015. Samples will be taken monthly when flow is present. Results of the sampling program will be included with the 2015 Annual Report.	Weekly checks of Monitoring Stations will begin in May and continue until August each year. Samples will be taken monthly when flow is present. Results of the sampling program will be included with the Annual Report.
B-5	The Licensee shall, within ninety (90) days after the first visit of the Inspector, post the necessary signs, where possible, to identify the stations of the "Monitoring Program". All signage postings shall be in the Official Languages of Nunavut, and shall be located and maintained to the satisfaction of an Inspector.	<i>Non-compliance</i>	Signage for the Monitoring Program Stations will be ordered over the winter for installation summer 2015.	Hamlet of Repulse Bay, with assistance from CGS Rankin Inlet as needed.	Signage for the Monitoring Program Stations will be ordered over the winter for installation summer 2015. Proof of installation will be included with the 2015 Annual Report.	Monitoring Program signage will be inspected on an annual basis and repaired if/when necessary. Proof of repair will be included in the Annual Report.
PART C	CONDITIONS APPLYING TO WATER USE					
C-2	The annual quantity used for all purposes shall not exceed 24,000 cubic meters.	<i>Non-compliance</i>	A proposed volume of 60,000 cubic meters has been requested in the amendment-renewal application.	Hamlet of Repulse Bay	Issuance of new Water Licence is pending.	Ensure an Amendment Application is filed on-time when further water volume changes are needed.
C-4	The water intake hose used on the water pumps shall be equipped with a screen with a mesh size sufficient to ensure not entrainment of fish.	<i>Unknown</i>	The intake screen will be inspected to ensure it meets DFO requirements.	CGS Rankin Inlet	The intake screen will be inspected summer 2015. The NWB will be provided with report on the condition of the intake screen within 60 days of this inspection.	The intake screen will be inspected a minimum of every 5 years. The NWB will be notified in the proceeding year's Annual Report if an intake screen inspection is scheduled for the following year. A report on the condition of the intake screen will be included with the Annual Report when completed.

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PART D	CONDITIONS APPLYING TO WASTE DISPOSAL					
D-2	<p>All effluent discharged from the Sewage Disposal Facilities at Monitoring Program Station REP-4 shall meet the following effluent quality standards (maximum average concentrations):</p> <p>Faecal Coliforms - 1x10⁴ CFU/100mL BOD5 - 80 mg/L Total Suspended Solids - 100 mg/L Oil and Grease - No visible sheen pH - between 6 and 9</p>	<i>Compliance</i>	AANDC Inspection Report 2011 identified that the effluent discharged from the sewage disposal facilities was not meeting standards, however samples taken by exp Services during the design of the sewage lagoon show that discharge criteria is being met.	Hamlet of Repulse Bay	The construction of the sewage lagoon will improve effluent quality and reduce nutrient overloading on the wetlands area.	Annual implementation of the Monitoring Program will ensure there is a record that sewage effluent is meeting effluent quality standards outlined in the Water Licence.
D-3	A freeboard limit of 1.0 metre, or as recommended by a qualified geotechnical engineer and as approved by the Board, shall be maintained at all dams, dykes or structures intended to contain, withhold, divert or retain water or waste.	<i>Non-compliance</i>	Once the new sewage lagoon is constructed, annual inspection of the berm will include confirmation that the 1.0 m freeboard is being met.	CGS Rankin Inlet Municipal Engineer	Annual inspection of the sewage lagoon berms will be completed by the CGS Municipal Engineer upon commissioning the new sewage lagoon.	Annual inspection of the sewage lagoon berms to be completed by the CGS Municipal Engineer. If any issues are found with the berm, appropriate measures will be taken for further study or repair of the berms. The annual berm inspection and any follow-up measure taken will be reported in the Annual Report.
PART F	CONDITIONS APPLY TO OPERATION AND MAINTENANCE					
-	Submission of O&M Plans	<i>Non-compliance</i>	O&M Plans for the new Water Treatment System and Sewage Treatment System will be submitted upon construction completion. Submission of an updated Solid Waste Site O&M Plan will occur within six months of approval of a new water licence.	CGS Rankin Inlet, with assistance from Hamlet of Repulse Bay	O&M Plans for the new Water Treatment System and Sewage Treatment System will be submitted upon construction completion. Submission of an updated Solid Waste Site O&M Plan will occur within six months of approval of a new water licence.	O&M Plans will be reviewed annual and the NWB will be notified of any changes/updates in the Annual Report.

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F-6	The Licensee shall submit to the Board for approval within ninety (90) days of issuance of the Licence Amendment, an "Operation and Maintenance (O&M) Plan for the Hamlet of Repulse Bay Landfarm Facility", taking into consideration at a minimum, the comments received during the Application review process and any necessary changes to be consistent with this Licence.	<i>Non-compliance</i>	There are no O&M Plan for the "landfarm". Please see separate letter regarding the "landfarm" for more information.	CGS Rankin Inlet	During summer 2015 the "landfarm" site will be visited. Soil samples will be taken to confirm that the soil in this area is not contaminated and sent to AANDC for confirmation. Material will then be transported to the Solid Waste Site for use as cover material and the area will be re-graded to match natural gradient.	Remove conditions related to the "landfarm" from the Water Licence.
F-10	The Licensee shall provide as built plans/drawings of the Landfarm Facility referred to in this Licence within ninety (90) days of the issuance of this Amendment.	<i>Non-compliance</i>	There are no as built plans/drawings for the "landfarm". Please see separate letter regarding the "landfarm" for more information.	CGS Rankin Inlet	During summer 2015 the "landfarm" site will be visited. Soil samples will be taken to confirm that the soil in this area is not contaminated and sent to AANDC for confirmation. Material will then be transported to the Solid Waste Site for use as cover material and the area will be re-graded to match natural gradient.	Remove conditions related to the "landfarm" from the Water Licence.
PART G	<u>CONDITIONS APPLYING TO ABANDONMENT AND RESTORATION</u>					
G-1	The Licensee shall submit to the Board for approval an Abandonment and Restoration Plan at least six (6) months prior to abandoning any facilities and the construction of new facilities to replace existing ones.	<i>Non-compliance</i>	An A&R Plan for the sewage truck offload discharge area will be submitted six months prior to the abandonment of the site.	CGS Rankin Inlet	The sewage truck offload discharge area is scheduled to be abandoned after construction of the sewage lagoon is complete, scheduled for the end of 2016. The A&R plan will be submitted a minimum of six months prior for approval.	Once approved, the A&R Plan will be carried out fully and confirmation of work will be provided to the NWB in corresponding Annual Reports.

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PART H	CONDITIONS APPLYING TO THE MONITORING PROGRAM					
H-2	The Licensee shall sampling monthly at Monitoring Station REP-2 and REP-4 during the months of May to August, inclusive. Samples shall be analyzed for the following parameters: BOD, Faecal Coliforms, pH, Conductivity, Total Suspended Solids, Ammonia Nitrogen, Nitrate-Nitrite, Oil and Grease (visual), Total Phenols, Sulphate, Sodium, Potassium, Magnesium, Calcium, Total Arsenic, Total Cadmium, Total Copper, Total Chromium, Total Iron, Total Lead, Total Mercury, Total Nickel, Total Zinc.	<i>Non-compliance</i>	Weekly checks of the Monitoring Stations will begin in May and continue until the end of August. When flow is present, monthly samples will be taken. May-August checks and a summary of sample analysis will be submitted with the Annual Report.	Hamlet of Repulse Bay, with assistance from CGS Rankin Inlet as needed.	Weekly checks of Monitoring Stations will begin May 2015 and continue until August 2015. Samples will be taken monthly when flow is present. Results of the sampling program will be included with the 2015 Annual Report.	Weekly checks of Monitoring Stations will begin in May and continue until August each year. Samples will be taken monthly when flow is present. Results of the sampling program will be included with the Annual Report.
H-6	The Licensee shall conform to the Quality Assurance/Quality Control (QA/QC) Plan, which shall be provided to the Licensee by the NWB within 120 days of the issuance of this license.	<i>Non-compliance</i>	Submission of the QA/QC Plan will be included in the updated Solid Waste Site O&M Plan, which will occur within six months of approval of a new water licence.	CGS Rankin Inlet, with assistance from Hamlet of Repulse Bay	Submission of the QA/QC Plan, with cover letter from an accredited lab confirming acceptance, will occur within six months of approval of a new water licence. It is anticipated that the new Water Licence will be issued in the near future and the QA/QC Plan will be approved prior to the summer 2015 sampling season.	The QA/QC will be reviewed annual and the NWB will be notified of any changes/updates in the Annual Report.
H-12	The Licensee shall install groundwater monitoring wells at the Landfarm Facility. These wells should be located with at least one located up-gradient of the facility for background data collection and at least one down-gradient of the Landfarm facility.	<i>Non-compliance</i>	There are no monitoring wells installed s for the "landfarm". Please see separate letter regarding the "landfarm" for more information.	CGS Rankin Inlet	During summer 2015 the "landfarm" site will be visited. Soil samples will be taken to confirm that the soil in this area is not contaminated and sent to AANDC for confirmation. Material will then be transported to the Solid Waste Site for use as cover material and the area will be re-graded to match natural gradient.	Remove conditions related to the "landfarm" from the Water Licence.