

PLAN FOR COMPLIANCE LICENCE NO. 3BM-CAP0810 (EXPIRED)

Licence Condition		Status of Compliance	Short Term Plan for Compliance	Schedule for Implementation of Short Term Plan for Compliance (including funding status where applicable to municipal developments)	Long Term Plan for Compliance	Schedule for Implementation of Long Term Plan for Compliance (including funding status where applicable to municipal developments)
	The Hamlet must maintain a valid Water Licence	The Hamlet's Water Licence has expired	The GN has initiate the water licence renewal process on behalf of the Hamlet	The water renewal process has been started	- Prior to expiration of future water licences the GN will initiate the renewal of the future water licence on behalf of the Hamlet - The GN and the Hamlet commit to ongoing compliance with the Nunavut Waters Act and maintaining a water licence	The water licence renewal process will be started 6 months prior to expiration of the active licence renewal
<u>Part B</u>	<u>General Conditions</u>					
B-1	The Licensee shall file an Annual Report with the Board not later than March 31st of the year following the calendar year	Non-compliance	The GN will ensure the communities submit to the NWB the Annual Reports, in accordance with the criteria outlined in the issued water licence, from 2004-2010 with all available information, operating from the most recent report, i.e. 2010 and working backwards to the oldest, i.e. 2004	- The GN will ensure that the Hamlet's submit their Annual Report to the NWB, in accordance with the criteria outlined in the issued water licence, for 2012 before March 31st, 2013. - Annual Reports for prior years will be submitted to the NWB prior to March 31st, 2014. - The community visit to Cape Dorset by exp will be held prior to the end of February 2013 with a subsequent report issued to the NWB prior to March 31st, 2013	- GN will monitor to ensure the Hamlet submits their Annual Report to the NWB, in accordance with the criteria outlined in the issued water licence - GN monitoring will include weekly checks of the Hamlet's log sheets, along with monthly water committee meeting to discuss and action any issues.	- All outstanding Annual Reports submitted on or before March 31st, 2014. - Annual Reports will be issued by March 31st of the year subsequent to the year for which the Annual Report is issued
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.	Non-compliance	The GN has retained the services of exp to assist in the development and implementation of the Plan for Compliance. Exp's mandate will include: - preparation of a QA/QC plan which identifies sampling protocols and testing requirements - develop a monitoring action plan for the community which meets the requirements of Monitoring Program described in Part H of the water licence	- Action Plan including procedures and QA/QC protocols prepared and submitted to the NWB by June 1st, 2013 - Recommendations regarding training program submitted to NWB by March 31st, 2013 - Training program to address the recommendations to be completed prior to August 31st, 2013 - Monitoring will be implemented prior to the completion of the training program August 31st, 2013	- Develop a training plan for a TRAIN THE TRAINER for GN staff to develop resources within the GN to allow for ongoing training of Hamlet Staff. - The GN has created a central data base for all reports to be held and accessible to GN staff for review and action.	- All sampling completed in accordance with the water licence and submitted on or before March 2014 for the 2013 season - The TRAIN THE TRAINER program to be delivered by March 31st, 2014 for GN staff - The data base was accessible to GN Staff by March 2013

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B-2 Cont'd			• recommendations with regards to a new training program for the monitoring program will be made as part of the community visit report • All reports shall submitted to the NWB			
B-5	The Licensee shall, within ninety (90) days after the first visit by the Inspector following issuance of this License, post the necessary signs to identify the stations of the "Monitoring Program". All signage postings shall be in the Official Languages of Nunavut.	Non-compliance	As part of the community visit, exp , will visit each of the monitoring points and verify presence or absence of signage. As part of exp's mandate they will prepare a tender document for procurement of the required signs with installation by Hamlet staff	• The site visit report by exp which will identify deficiencies and signage for the monitoring sites will be issued prior to March 31st, 2013. • Procurement of signage prior to June 30th, 2013 • Signs will be installed prior to August 31st, 2013	• This will be placed on the inspection checklist for the MTO to be indentified if this reverts back to non-compliance • Inspection report enclosed	Regular inspections by GN staff during community visits will start in the summer sampling season 2013 and will continue annually.
B-6	The Licensee shall submit to the Board, for approval in writing, within the lesser of ninety (90) days or the filing of any application in relation to the Licence, a Plan for Compliance that clearly demonstrates the ways and means the Licensee will undertake to achieve full compliance with the conditions of this Licence.	Non-compliance	• The GN has retained the services of exp to assist with the preparation of a Plan for Compliance. • Draft Plan for Compliance will be reviewed with AANDC during preparation • The final Plan for Compliance will be prepared in accordance with the issued water licence and submitted to the NWB	Compliance plan will be submitted prior to March 10 th , 2013.	• Annual review of need for preparation of a new Plan for Compliance. • If required a Plan for Compliance will be prepared in accordance to the requirements of the water licence and submitted to the NWB with the Annual Report.	On or before March 31 st of subsequent to the year for which the Annual Report has been issued, the Hamlet will review the requirement for a Plan for Compliance, and if required prepare and submit the Plan with the Annual Report.
B-10	The Licensee shall ensure a copy of this Licence is maintained at the municipal office at all times.	In Compliance	Status of this condition will be confirmed during site visit and reported on as part of the Community Visit report.	Community Visit Report to be issued by March 31 st , 2013.		
Part D	<u>Conditions Applying To Waste Disposal</u>					
D-8	All effluent discharged from the 2007 Sewage Disposal Facility at the Final Discharge Point at Monitoring station CAP-14 and effluent discharge from monitoring stations CAP-3 and CAP-4 prior	Non-Compliance	• As part of the exp site visit, they will meet with Hamlet Staff and Council to determine the issues the commissioning of the 2007 Sewage Disposal Facility	• Site visit by exp before the end of February 2013 • Site Visit Report issued by the end of March 2013.	• Implement Plan of Action to address the Hamlet's concern. • Commission Enhanced Sewage Disposal Facility and direct all	To be determined subsequent to the acceptance to the Plan of Action

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D-8 Cont'd	to the point of entry at the ocean, shall be demonstrated to be non-acutely toxic under the following tests to be conducted once annually, approximately mid-way through the discharge period.		• Exp will report on any outstanding issues and concerns as part of their site visit reports. • Based on the issued reported by exp, the GN will prepare an action plan to address these concerns. The GN will ensure the Hamlet initiates a Monitoring Program that complies with Part H of the issued water licence	• Plan of Action to address Hamlet's concerns before July 1st, 2013 • Monitoring will be implemented prior to the completion of the training program August 31st, 2013	sewage to the enhanced Sewage Disposal Facility	
Part E	<u>Conditions Applying To Waste Disposal</u>					
E-5	The Licensee shall, within 60 days of issuance of the license, provide a summary report along with revised stamped as built plans and record drawings of the 2007 Sewage Disposal Facility, to reflect the clarifications and omissions identified through the License application review and detailed in the attached Schedule 1.	Non-Compliance	As Built plans have been forwarded to the NWB, the GN will confirm receipt by the NWB	The GN will confirm receipt of the As Built plans by the NWB by June 1 st , 2013		
Part F	<u>Conditions Applying To Operation And Maintenance</u>					
F-1	The Licensee shall submit to the Board, for approval in writing, within ninety (90) days of issuance of the Licence and prior to commissioning of the 2007 Sewage Disposal Facilities, a revised Operation and Maintenance Manual, Sewage Treatment System, Hamlet of Cape Dorset, November 7, 2007. The revision shall include the requirements of Schedule 2.	Non-Compliance	• Status of O&M Manual (Sewage) to be reviewed during site visit. Report subsequent to visit. • Prepare and submit to the NWB, O&M Manual (Sewage) in accordance to the criteria outlined in the issued water licence, as required based on site visit findings	• Report status of O&M Manual as part of the Community Visit Report, prior to March 31, 2013 • Geotechnical inspection if required prior to Sept 1st, 2013 • Prepare O&M Manual in accordance to the criteria outlined in the issued water licence as required and submit to the NWB as required prior to July 1st, 2014	The O&M Manuals will be reviewed annually and revised if required in accordance to the criteria outlined in the issued water licence and submitted to the NWB.	Amendments to O&M Manuals to be submitted with the Annual Reports if required prior to March 31 st

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F-2	The Licensee shall submit to the Board, for approval in writing, within ninety (90).days of issuance of the Licence, an Operation and Maintenance Manual for the Water Supply Facilities and the Solid Waste Disposal Facilities prepared in accordance with the “Guidelines for Preparing an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities”, October 1996. The Plan shall include a specific section addressing waste management and the proper diversion and segregation of wastes, the storage, transport and disposal of hazardous wastes materials	Non-Compliance	• Status of O&M Manuals to be reviewed during site visit. Report subsequent to visit. • Prepare and submit to the NWB, O&M Manuals in accordance to the criteria outlined in the issued water licence, as required based on site visit findings	• Report status of O&M Manual as part of the Community Visit Report, prior to March 31, 2013 • Prepare O&M Manual in accordance to the criteria outlined in the issued water licence as required and submit to the NWB as required prior to July 1st, 2014	The O&M Manuals will be reviewed annually and revised if required in accordance to the criteria outlined in the issued water licence and submitted to the NWB.	Amendments to O&M Manuals to be submitted with the Annual Reports if required prior to March 31 st
F-5	An inspection of all engineered facilities related to the management of water and waste shall be carried out annually in July, by a Geotechnical Engineer in accordance with the Canadian Dam Association, Dam Safety Guidelines, November 2007, where applicable. This inspection shall include the access road alignment with respect to water resources and the diversion and passage of water through culverts. The engineer’s report shall be submitted to the Board within sixty (60) days of the inspection, including a covering letter from the Licensee outlining an implementation plan addressing each of the Engineer’s recommendations.	Non-Compliance	• An inspection of facilities relating to the management of water and waste shall be carried out a Geotechnical Engineer in accordance to the Canadian Dam Association, Dam Safety Guidelines, November 2007. • An engineer’s report shall be prepared and submitted to the NWB in accordance to Part F (3) of the issued water Licence. • Development of a plan to address recommendations of the Geotechnical Engineer and implement recommend capital improvements	• Site visit by Geotechnical Engineer prior to September 1st, 2013. • Submission of report of geotechnical findings and recommendations within sixty (60) days of the inspection submission. • Development of a plan recommending capital improvements by March 31st 2014	• An inspection of facilities relating to the management of water and waste shall be carried out annually by a Geotechnical Engineer in accordance to the Canadian Dam Association, Dam Safety Guidelines, November 2007. • An engineer’s report shall be prepared and submitted to the NWB in accordance to Part F(3) of the issued water Licence. • Development of a plan to address recommendations of the Geotechnical Engineer and implement recommend capital improvements	• Geotechnical inspection of the facility shall be carried out annually in July or August. • The engineer’s report shall be prepared and submitted to the NWB within sixty (60) days of the inspection, • Development of a plan recommending capital improvements by March 31st of year subsequent to the issuance of the Geotechnical Engineers recommendations.

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Part G	<u>Conditions Applying to Abandonment, Restoration and Closure</u>					
G-1	The Licensee shall submit to the board, for approval in writing, within 90 days of issuance of the License, a detailed Final Abandonment and Restoration Plan for the 2001 Sewage Disposal Facility and the Emergency Sewage Disposal Facility. The Plan should incorporate, where applicable, the appropriate sections as described in Part G item 2	Non-Compliance	As part of the community visit by exp, the status of the commissioning of the 2007 Sewage Disposal Facility will be reviewed, and the plans for the Thee Cell Lagoon and the emergency lagoon will be reviewed with the Hamlet. Result of the consultation with the Hamlet on the status of the 2007 Lagoon, and future plans for the Three Cell and Emergency Lagoons shall be reported as part of the Community Visit Report	Community Visit Report to be issued by March 31 st , 2013	Upon determining a course of action to allow the 2007 Sewage lagoon to be commissioned, and as per condition G3 of the licence, the Hamlet shall submit to the Board, for approval in writing, six (6) months prior to the planned decommissioning of Three Cell Lagoon and / or Emergency Lagoon a Final Abandonment and Restoration Plan for the facilities being decommissioned. The A&R Plan(s) shall be submitted to the NWB in accordance with the criteria as outlined in the issued water licence	The A&R Plan(s) shall be submitted to the NWB six (6) months prior to the planned decommissioning of Three Cell Lagoon and / or Emergency Lagoon
G-2	The Licensee shall submit to the Board, for approval in writing, within six (6) months of issuance of this Licence, a preliminary or conceptual Abandonment and Restoration Plan for the Hamlet of Cape Dorset, Water and Waste Disposal Facilities and all associated structures not covered under Part G, Item 1, with end objectives to return the site to pre-use conditions.	Non-Compliance	• The GN has retained the services of exp to assist with the preparation of A&R Plan. • The A&R Plan(s) shall be submitted to the NWB in accordance with the criteria as outlined in the issued water licence	• Scope of required plan assessed during site visit prior to March 31, 2013. • Report on scope of plan prior to June 1st, 2013. • Follow up visit to gather technical information and indentify all potential sites August 1st, 2013. • Report on follow-up visit by September 15th, 2013..	• Annual review of need for A&R Plans, and revise if required including schedule for preparation • The A&R Plan(s) shall be submitted to the NWB in accordance with the criteria as outlined in the issued water licence	• Submit all outstanding A&R Plans to the NWB in accordance with the criteria outlined in the issued water licence prior to March 31st, 2015 • Amended A&R Plans identified as part of the Annual, review will be submitted to the NWB in accordance with the criteria outlined in the issued water licence prior to the March 31st submission of Annual Report.

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Part H	<u>Conditions Applying to the Monitoring Program</u>					
H-1	The Licensee shall maintain Monitoring Program Stations at the SNP locations	Non-Compliance	As part of the community visit by exp, a review of monitoring points will be undertaken, including the presence or absence of signage. As part of exp's mandate they will prepare a tender document for procurement of the required signs with installation by Hamlet staff	- The site visit report by exp which will identify deficiencies and signage for the monitoring sites will be issued prior to March 31st, 2013. - Procurement of signage prior to June 30th, 2013 - Signs will be installed prior to August 31st, 2013	Monitoring Stations will be placed on the inspection checklist for the MTO to be identified if this reverts back to non-compliance	Regular inspections by GN staff during community visits
H-6	The Licensee shall install thermistors for the purpose of validating assumptions made in the geothermal analyses for the 2007 Sewage Disposal Facilities as recommended by the Geotechnical Engineer of record and agreed upon by the Licensee, subject to a minimum of three 20 to 25 metre deep thermistors installed in crest of the west berm and at least one thermistor of that depth in the east berm.	Uncertain	- Report locations and provide descriptions and information pertaining to the thermistor installed at the 2007 Sewage Lagoon. - The GN will request for the NWB to amend the requirement from 3 thermistors at a depth of 20 -25 metres to 2 thermistors at a depth of 18.8 m	- Report on thermistors to be included in the Community Visit Report issued by exp by March 31st 2013. Provide information by May 15th, 2013 - Request amendment to the depth of the thermistors by June 1st, 2013	Provide thermistors as required, based upon findings of field visits and the response from the NWB.	Have NWB accepted thermistors by September 15, 2014,
H-7	The results of thermistor monitoring required under Part H Item 6, shall be submitted to the Board for approval in writing prior to commissioning of the 2007 Sewage Disposal Facility. The results shall include an Engineer's Report, validating the assumptions of the geothermal analysis through adequate monitoring of the thermal regime for the east and west berms and downstream foundations.	Non-compliance	As apart of exp's mandate, they will collect the available data from the geothermal monitoring and assess if it is sufficient to undertake the geothermal analysis and reporting. Exp to make recommendations regarding the assessment of the data.	- Collection of the available data ,and recommendations for the assessment will be included as part of the Community Visit Report to be issued by March 31st, 2013 - Assessment of existing data, if found to be suitable for assessment by September 30th, 2013		

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H-9	The Licensee shall, within 90 days of issuance of the license, provide a Temperature Monitoring program and implementation Plan for on-going collection of ground temperatures within each berm structure and foundation of the 2007 Sewage Disposal Facility through the installation of thermisters. The Plan shall take into consideration the following (i through vi).	Non-compliance	Assessment of the geothermal monitoring data will include recommendations regarding the ongoing monitoring program	Assessment of existing data, if found to be suitable for assessment, by September 30th, 2013	- Implementation of Temperature Monitoring program as recommended by geothermal assessment. - Ongoing reporting as recommended and agreed upon by the NWB.	Reporting frequency as per recommendation and agreement with the NWB.