

# Hamlet of Igloolik

## PLAN FOR COMPLIANCE LICENCE NO: NWB3 IGL0308

Licence Condition (add or delete as required)		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)
Part B:	<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 reported which shall contain the following information:	The annula report 2013 was submitted to NWB in January 30,2013. The report is attached.	No action	Follow the requirements	Follow the requirements	Follow the requirements
B-1-a	an executive summary as required by Part B,item8	The executive summary of all the licensed facilities was prepared in English and Inuktitut and submitted to NWB to renew the existing water licence on July 08,2011.	A executive summary will be submitted to NWB by March 31,2014.	Nil	This summary report will be revised once design works of all the licensed facilites are complete and licence was asked for amendment.	This is anticipated sometime in 2015. Again it depends on the availability of Capital Funding.The annual summary report will be submitted along with the annual report by March 31 each year.
B-1-b	tabular summaries of all data generated under the "Monitoring Program"	In Compliance. The Lab Spread sheet is self explanatory.	Nil	This will be maintained.	Planned for Continuous improvement	During the entire life time of the Licence.
B-1-c	the monthly and annual quantities in cubic meters of fresh water obtained from all sources;	No flow meter exists in the intake pipe from South lake to Storage Reservoir and Storage Reservoir to WTFS. Therefore consumption volume is considered as equal volume to the extraction volume.	The new WTFS is under design phase.	The Design is complete. The Flow meter is recommended to include in the design.	No Construction is anticipated in 2014.	The schedule for construction of the WTFS including the intake pipe is expected to be completed in 2015/2016.
B-1-d	the monthly and annual quantities in cubic meters of each and all waste discharged;	No meter exists in the Sewage Truck. Therefore consumption volume of water is considered as equal volume to the sewage disposal volume.	The same process will be continued.	no further action	No further action	Search for the sewage truck built with the metering system.
B-1-e	a summary of modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures and facilities;	No Modification/or Major manitenance works were carried out during the Licencing period.	Fencing material were bought to fence around the Water storgae Reservoir.	Construction of fencing for the existing water Reservoir will be done in summer 2014.Segregation of hazadous wastes is expected to be carried out also in summer 2014.	The design for WTFS is complete and the design for expansion of the existing water Reservoir is in progress. The design for modification and optimization of the sewage lagoon is complete.	The Construction works for Water Reservoir and Sewage Lagoon are not anticipated in 2014 or 2015 due to funding. New Waste disposal site is unknown at this stage.
B-1-f	a list of unauthorized discharges and summary of follow-up action taken;	The existing three cells sewage lagoons are working as the exfiltrtaion process.Seepage was recommended in the original design.	Maintain the existing system until rehabilitaion is complete.	The Design is complete. NWB approval is required prior to proceed construction.	The new lagoon will be in containment nature. Seepage will not be allowed through the berms.	The Construction works for Water Reservoir and Sewage Lagoon are not anticipated in 2014 and the status may be known by March 31, 2015.
B-1-g	a summary of abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;	Design for abandonment and resoration of the 1st cell Lagoon is complete.	This cell is being used for emmergency	The Design is required aproval by NWB.	The A&R plan will be submitted to NWB along with the final design for rehabilitation of the existing three cell lagoons in 2015 subject to availability of funding.	A&R plan will be implemented once the rehabilitation program is complete and expected tentatively in 2016/2017.

B-1-h	any addendum with updates or revisions for manuals and plans(i.e. Operations and Manitenance Manual) as required by changes in operation and /or technology;	No done yet	This change will be followed in the new design work.	For truckfill station, O&M manual will be amendment in 2015.	For new sewage lagoon and new waste facility, new Mnauals will be developed in 2017.	These documents development follows the completion of design and construction works.Again depending on Capital dollars.
B-1-i	a summary of any studies or reports requested by the Board that relate to water use and waste disposal or reclamation, and a brief description of any future studies planned;and	Water supply: Design and construction drawings are ready for WTFS. Development O&M manual will be followed. No O&M manual is avaiable for either Wastewater or solid waste sites.	Water supply: O&M is under development process.	Only segregation of hazardous wastes are planned in Summer 2014.	No Physical work is anticipated for Sewgae Lagoon and Waste management in 2004.	Future studies Planned: (1) Design of water Reservoir; (2) Design of sewage lagoon and Design of Waste management facility.
B-1-h	any other details on water use or waste disposal requested by the Board by November 1st of the year being reported;	Not specific. Inspector did not visit the community in 2014.	No action	No action	No action	No action
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.	Hamlet started Monitoring program to satisfy their water Licence.	They will improve and continue this program.	Continuing	Continuing	Continuing to satisfy the requiremets under the life time of the exsiting licence.
B-4	Meters, devices or other such methods used for measuring the volumes of water used and waste discharged shall be installed, operated and maintained by the Licensee.	No meter is avaiabale in the Truck fill station and also not bult in the sewage truck for discharge measurement.	A Flow meter is recommeded in the new design of the WTFS prepared by consultant Arktis Solutions Inc. No sewage truck is built with discharge metering system.	Until Flow meter is installed in the WTFS, delivery volume is considered equal to the water extraction volume from the source and also equal to the discharge volume from the sewage trucks,	Will be continued as planned	The Flow meters in the WTFS and intake pipe are expected to be installed and operated in 2015/2016. At that very time, the meter reading for extraction vloume will be considered equal to sewage truck discharge volume since the truck has no meter system built.
B-5	The Licensee shall maintain the necessay signs to identify the Water Supply Fcailities, the Waste Disposal Facilities and the stations of the "Monitoring Program". All signage postings shall be in the Official Languages of Nunavut.	CGS has designed a standard signage for all the Communities in Nunavut.	Signage will be ordered by the Hmalet this summer 2014.	Signage will be installed at each monitoring station with GPS coordinates.	Will be maintained.	These signages will be maintained durngthe life time of the existing or renewed water licence.
B-6	The Licensee shall immediately report to the 24-Hour Spill Report Line (867-920-8130) any spills of Waste, which are reported to, or observed by the Licensee, within the municipal boundaries or in the areas of the Water Supply Facility or Sewage Disposal Facilities	Yes, Hamlet follows Spill reporting procedure. 2013 spills report is attached.	Will be followed	Spill reports are submitted with the annual report to NWB each year.	Will be continued as planned.	Will be continued as planned.

B -7	<p>The Licensee shall ensure a copy of this Licence is maintained at the Municipal Office at all times. Any communication with respect to this Licence shall be made in writing to the attention of:</p> <p>(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@nunavutwaterboard.org</p> <p>(b) Inspector Contact: Water  Resources Officer Nunavut  District, Nunavut Region P.O. Box  100 Iqaluit, NU X0A  0H0 Telephone: (867) 975-  4295 Fax: (867) 979-6445</p>	Yes, Hamlet maintains a hard copy of the Water Licence at the Hamlet office. Communication is always made with the Manager of Licencing of NWB.	No action	Will be continued as it is.	Will be continued	Will be continued as planned.
B - 8	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.	A detailed Executive Summary Report in English and Inuktitut was submitted to NWB along with the Water licence renewal application on July 08,2011.		This process will be followed	This process will be followed	This process will be followed.
B-9	The Licensee shall ensure that all document(s) and correspondence submitted by the licensee to the Board are received and acknowledged by the Manager of Licensing.	Yes, it is maintained.	No action	Will be maintained	Will be maintained	Will be maintained
B-10	The Licensee shall, for all Plans submitted under this Licence ,include a proposed time table 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.	All the Licensed facilities are subject to optimize or replace. Therefore no plan was submitted yet.	No action	No action	Plan will be submitted once Capital dollars are available to complete design and construction of all three licensed facilities.	Plan for water truck fill station will be ready in 2014. Plans for sewage Lagoons and waste site will be expected in 2015/2016.
B-11	The Licensee shall, for all plans submitted under this licence, implement the plan as approved by the Board in writing.	No plan was submitted. The Future Plan action will be followed.	No action	No action	Hamlet and CGS are working on the action plan.	This is expected in 2015.

B-12	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.	Will be followed in the new licence	No action	No action	No action	This is expected in 2015
B-13	This Licence is assigned as provided in Section 44 of the Act.	Hamlet is obligated to follow section 44 of the Act.	No action	No action	Working with CGS to satisfy section 44 of the ACT	Will be continued.
Part C:	<u>Conditions applying to water use</u>					
C-1	The Licensee shall obtain all fresh water from South Lake and Airport Lake using the Water Supply Facilities, to be stored in the Hamlet Reservoir, or as otherwise approved by the Board in writing.	Yes, They extract water from the South Lake during summer and fill the storage Reservoir for annual uses.	No action	Will be continued	Will be continued	Will be continued
C-2	The annual quantity of water, used for all purposes, shall not exceed 70,000 cubic meters.	The consumption volume never exceeded this permit volume.	The Hamlet will keep consumption under the permit volume in future days.	The Hamlet will keep consumption under the permit volume in future days.	The Hamlet will keep consumption under the permit volume in future days.	Hamlet will ask NWB to increase the volume if required depending on the population growth and other factors.
C-3	The Licensee shall equip all Water intake hoses with a screen of an appropriate mesh size to ensure the fish are not entrained and shall withdraw Water at a rate such that fish do not become impinged on the screen.	Hamlet uses a screen drawing water from South lake to the Storage Reservoir	Hamlet also uses a screen drawing water from the Storage reservoir in order to get chlorinated prior to filling the trucks	Hamlet will be following protocol for both cases for water extraction process.	Hamlet will be following protocol for both cases for water extraction process.	Hamlet will be following protocol for both cases for water extraction process.
C-4	The Licensee shall not remove any material from below the ordinary high water mark of any water body unless approved by the Board in writing.	Yes, Hamlet is following this protocol.	No action	No action	Will be maintained	Will be maintained.
C-5	The Licensee shall not cause erosion to the banks of any body of water and shall provide necessary controls to prevent such erosion.	Yes, Hamlet has not created anything causing bank erosion.	No action	No action	Will be maintained this protocol	Will be maintained this protocol
C-6	Sediment and erosion control measures shall be implemented prior to and maintained during the operation to prevent entry of sediment into water.	Nothing done in the existing facilities.	No action	No action	This will be addressed in the design and construction of all the licensed facilities.	This will be addressed in the design and construction of all the licensed facilities at the different stages because the individual project is implemented at different years.

Part D:	Conditions applying to waste disposal					
D-1	The Licensee shall direct all sewage to the Sewage Disposal Facilities or as otherwise approved by the Board in writing.	Yes, All sewage produced in the Community is directed only to the sewage disposal Facilities which are three cells Sewage Lagoons.	This process will be followed	This process will be followed	This process will be followed	This process will be followed
D-2	The Licensee shall provide notice to an Inspector annually when flow is observed from the sewage disposal facility and upon commencing the monitoring Program at Montitoring Program Station IGL-4.					
D-3	All Effluent discharged from the Sewage Disposal Facilities at Monitoring Program Station IGL-4 shall meet the following effluent quality standards: as described	In Compliance. The Lab test results for July 03,2013 is self explanatory.	Will be followed.	Hamlet will collect sample from the Station IGL-4 every four weeks thereafter when flow is observed.	Will be continued this process.	This process will be continued during the life time of the licence.
D-3	A Freeboard limit of 1.0 meter, 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 wastes.	Yes, 1m free board is mainatained all the time in all three cells.	Will be maintained	Will be maintained	Will be maintained	Will be maintained
D-4	The Licensee shall advise an Inspector at least ten (10) days prior to initiating any decant of the sewage lagoon.	All the cells are exfiltration in nature. Seepgae through the berm starts sometime in early June. However, to maintain free board 1m,emergency decanting sometimes is required.For Annual decanting and for emmergency decanting, AANDC inspector is notified	Guidelines will be followed. Ten days notice is provided to the inspector for annual decanting.	Guidelines will be followed	Guidelines will be followed	Guidelines will be followed
D-5	The Sewage Disposal Facility shall be maintained and operated, to the satisfaction of an Inspector in such a manner as to prevent structural failure.	Non Compliance. The sea side berms are vulnerable.Minor maintenance works are carried out annually to maintain structural integrity.	Minor Maintenance works will be carried out as required.	The Design for rehabilitation of the sewage lagoon is complete.	This project is on hold due to funding.	The future status of the project is expected to be declared by March 31,2015.
D-6	The Licensee shall dispose of and permanently contain all solid wastes at the Solid Waste Disposal Facilities or as otherwise approved by the Board in writing.	Yes, this is being done all the time.	Will be continued as it is.	A new site has been selected for the solidwaste management.	The consultant started design works. But this project is on hold due to funding.	The future status of the project is expected to be declared by March 31,2015.
D-7	The Lincensee shall segregate and store all hazardous materials and /or hazardous waste within the Solid waste disposal Facilities in a manner as to prevent the deposit of deleterious substances into any water until such time a proper disposal arrangements are made.	Hamlet is planning segregation of Hazardous wastes like batteries etc. in summer 2014.	CGS is developing a manual for segregation of Hazardous wastes.	This manual will be avaiable by June 31,2014.	The Capital Project for Solidwastes is on hold due to funding.	If funds is released in 2015, design will be completed in 2015/2016 and construction is expected to be completed in 2017. At time on, no deleterious substances are expected to enter into water body.

D-8	The Licensee shall implement measures to control wind-blown litter at the Solidwaste Disposal Facility.	Yes, Hamlet burns domestic wastes few times in summer and cover up with imported soil to control wind-blown litter.	This process will be followed	This process will be followed	This process will be followed	No design might have a different direction which is unknown right now.
D-9	The Licensee shall implement measures to ensure leachate or runoff from the Solid Waste Disposal Facility does not enter water.	Practically no work was carried out physically to control leachate or hazardous wastes entering into water body. But leachate is being planned to be tested as per the requirements of the Water Licence. Samples shall be analyzed for the parameters under Part H, item-3 of the Water Licence.	This process will be followed	A new site has been selected for the solidwaste management. This hazardous/leachate issues will be dealt appropriately in this new facility.	The consultant started design works. But this project is on hold due to funding. Right now Hamlet only monitors the quality of the Leachate.	The future status of the project is expected to be declared by March 31, 2015.
Part E:	<u>Conditions Applying to Modifications and Constructions</u>					
E - 1	The Licensee shall submit to the Board for approval in writing, construction drawings stamped and signed by an Engineer, prior to the construction of any dams, dykes or structures intended to contain, withhold, divert or retain Water or Wastes.	The design for water supply and wastewater facilities have been fully completed. Hamlet will follow this requirement once funding is available for construction of these projects.	Follow the requirements	Follow the requirements	The Water truck fill stations is ready for construction this summer 2014.	No construction is expected for Sewage Lagoon and solidwaste facility in 2014/15. Design will be submitted to NWB prior to construction of these facilities subject to fund availability in 2015. At that time, the construction drawings will be stamped by the Engineer.
E - 2	The Licensee may, without written approval from the Board, carry out Modifications to the Water Supply Facilities, and Sewage Disposal Facility provided that such Modifications are consistent with the terms of this Licence and the following requirements are met:	No modification works were carried out under this licence.	The requirements will be followed	Will be followed	Will be followed	Will be followed
E-2-a	the Licensee has notified the Board in writing of such proposed Modifications at least sixty (60) days prior to beginning the modifications;	This direction will be followed	Will be followed	Will be followed	Will be followed	Will be followed
E-2-b	These modifications do not place the Licensee in contravention of the Licence or the Act;	Yes, this requirement will be followed	Will be followed	Will be followed	Will be followed	Will be followed
E-2-c	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	This was not happened under this licence.	The requirement will be followed.	The requirement will be followed.	The requirement will be followed.	The requirement will be followed.
E-2-d	the Board has not rejected the proposed Modifications.	Not applicable.	No action	No action	No action	No action

E-3	Modifications for which all of the conditions referred to in Part E, Item 1, have not been met, may only be carried out upon approval from the Board. The Licensee shall provide as-built plans and drawings of the Modifications referred to in the Licence within ninety (90) days of completion of the Modifications. These plans and drawings shall be stamped by an Engineer.	Will be followed	Will be followed	exp consultant Inc is designing the Sewage lagoon and waste management sites. Their Engineer in charge will stamp the drawings for constrction. Artkis Engineer will stamp their construction drawings for water supply system.	These requirements will be followed.	This is not anticipated until 2015 earliest.
E-4	The Licensee shall provide to the NWB for review ,as-built plans and drawings, stamped and signed by an Engineer, within ninety (90) days of completion of the Modification.	The as -built Plans and drawings of the Modifications will be be submitted to NWB along with the O&M Manual.	Will be followed	The Projects are on hold due to funding	exp solution Inc has been retained on the job and everything is put on hold due to funding.	These documents will be ready once the facilities are constructed. The commissioning is not expected until 2016 subject to fund avaialability.
E-5	All activities shall be conducted in such a way as to minimize impacts on surface drainage and the License shall immediately undertake any corrective mesaure in the event of any impacts on surface drainage.	Yes, will be followed.	No action	No action	These requirements will be addressed in the future design for all three licensed facilities.	These requirements will be addressed in the future design for all three licensed facilities tentatively in 2016/2017.
E-6	The Licensee shall implement sediment and erosion control mesaures prior to and during all cativities carried out under this Part to prevent the release of sediment and minimize erosion.	Partially managed in sewage lagoon.	Will be maintained for all three facilities.	Will be maintained for all three facilities.	Will be maintained for all three facilities.	Will be maintained for all three facilities.
Part F:	<u>Conditions Applying to Operations and Maintenance</u>					
F - 1	The Licensee shall,submit to the Board for approval, within ninety (90) days of issuance of the Licence ,a Operation and Maintenance Manual prepared where appropriate ,in accordance with "Guidelines for preparing an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories;" 1996.The Manual shall take into consideratoion the components received during the application review process and shall contain the following plans: 1(a,b,c,d,e, and f).	Not done. The design works for the facilities are on hold.	The projects are on hold due to funding.But the Consultant exp Services Inc is still retained on the job.	No commitment yet for funding	O&M Manuals for Sewage Lagoon and Waste management facilities will be prepared once these are built.	No construction is expected for Sewage Lagoon and solidwaste facility in 2016/17. Design will be submitted to NWB prior to construction of these facilities subject to fund availability in 2015/2016.The construction may start in 2016 subject to fund availabaility.In that case, O& M manuals will be ready for 1(a,b,c,d,e and f) in 2017 for the new facilities.

F - 2	The Licensee shall review the O&M Manual referred to in Part F, Item 1 as required by changes in operation and /or technology and modify accordingly. Revisions are to be submitted in the form of an Adendum to be included with the Annual Report.	No O&M manual exists for sewage lagoon and waste management site.The annual reports submitted in time. This year the annual report was submitted in January 30, 2014.	Not done	The Reports of item 1( a,b,c,d,e and f) of Part F were not prepared when the sewage lagoons were initially built.	The Reports of item 1( a,b,c,d,e and f) of Part F will be prepared under the current contract with exp Services Inc.	The Projects can not proceed further until funds are made avaialbe. This is anticipated in 2015.
F - 3	An inspection of all Engineered facilities related to the mangeemnt of water and waste shall be carried out annually in July or August by a Geotechnical Engineer. 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 eah of the Engineer's recommnedations.	Inspection was not done by the geotechniacl Engineer. But Municipal Engineer does annual inspection and reports to the department.	No action	Geotechnical Engineer may visit at every 3 yrs and reports will be submitted to NWB.	Hamlet and CGS will have to make his decision.	The accepted decision will be carried out.
F-4	The Licensee shall perform more frequent inspections of the engineered facilities at the request of an inspector.	Yes, this requirement will be followed asdirected.	No action	No action	No action	No action
F - 5	If, during the period of this Licence, an unauthorized discharge of waste occurs, or if such a discharge is foreseeeable, the Licensee shall:					
F -5-a	employ the appropriate contingency measures as approved under an approved Operation and Maintenance Manual for the Hamlet of Igloolik.	Sewage lagoons are exfiltration in nature. Sewage seeps out every summer which are allowed in intial design. However, for emergency decanting , AANDC inspector is informed rightway. 10 days advance notice is given to the AANDC inspector for annual decanting.	Will be followed	Will be followed	Will be followed	Will be followed
F -5-b	report the incident immediately via the 24-Hour Spill Reporting Line at (867) 920-8130 and to an Inspector; and	Hamlet follows the Standard Spill response procedure. The spill report for 2013 is attched.	Will be followed	Will be followed	Will be followed	Will be followed



F -5-c	submit to the inspector, a detailed report on each occurrence, not later than thirty (30) days after initially reporting the event, that provides the necessary information on the location (including GPS coordinates), initial response action, remediation/clean up, status of response (on going, complete), proposed disposal options for dealing with contaminated materials and preventive measures to be implemented.	Will be followed	Will be followed	Will be followed	Will be followed	Will be followed
Part G:	<u>Conditions Applying to Abandonment, Restoration and Closure</u>					
G - 1	The Licensee shall submit to the Board for approval in writing, an Abandonment and Restoration Plan at least six (6) months prior to abandoning any facilities or upon submission of the final design drawings for construction of any new facilities to replace existing ones. The Plan shall incorporate, where applicable, information on the following: G-1(a,b,c,d,e,f,g,h,i,j,k and l).					
G-1-a	Water intake facilities;	Not ready for A and R plan.	Design is complete	99% construction drawings are under review.	The New water Truck fill station will be built next to the existing one.	The existing water Truckfill station will be demolished and abandoned once the new facility is built.
G-1-b	The waste treatment and sewage treatment sites and facilities;	No design was done yet for waste management facility. Design for sewage lagoon is ready.	No funding, no plan.	These projects are on hold due to funding.	The Protocol for Item G-1 will be followed once building of the new facilities are scheduled.	A&R plan is expected in 2016/17
G-1-c	Petroleum and chemical storage areas;	Nothing changed	No action	No action	Will be notified as required	Will be notified as required.
G-1-d	Any site affected by waste spills;	No, Spills report is attached.	No action	No action	The spills reporting procedure will be followed all the time.	The spills reporting procedure will be followed all the time.
G-1-e	Leachate prevention;	No action	No action	No action	The leachate issue will be addressed in the future design of the waste management site.	The design will be started once Capital dollars are available sometime in 2015 (anticipated). Leachate will be addressed once construction is complete, may be 2016/17.
G-1-f	An implementation schedule;	Yes, new facility will be built to accommodate this issue.	The consultant Arktis solutions Inc is working right now to address this issue for existing Water Truck fill station.	The A&R Plan for Water Truck fill station is expected to be ready in 2015	The A&R plan for Sewage Lagoon and waste management facilities will be prepared once funding is available.	Subject to fund availability, the A&R plans for Sewage Lagoons and Waste management facilities will be developed. There are expected in 2016/2017.
G-1-g	Maps delineating all disturbed areas, and site facilities;	A Site Map will be developed for each facility at the same time A&R plan is developed.	No work	No Work	Site Map will be prepared once Plan is developed.	It is anticipated in 2015/16.
G-1-h	Consideration of altered drainage patterns;	The new design will dictate the drainage path	No action	No action	No action	2016/17.
G-1-i	Type and source of cover materials;	Available gravel materials will be used as cover material.	Used right now.	Will be used all the time	Will be used all the time	Will be used all the time

G-1-j	Future area use;	Zonal Map developed by Regional Land Divisions will show the residential and commercial zones in the Map.	Available right now	Available	Available	Available
G-1-ki	Hazardous wastes;and	Hamlet is planning to segregates the Hazardous wastes like batteries etc. in summer 2014.	No action	The design for Hazadous waste management will be a part of future waste management facility.Hamlet is planning for initial segreagtion this summer 2014.	This Capital project is on hold.	By March 31,2015, a direction is expected for the future design of this facility.
G-1-l	A proposal identifying measures by which restoration costs will be financed by the Licensee upon abandonment.	The restoration plan of the old facility is the part of the design and construction of the new facility. Both designs are approved by NWB at the same time.The Construction for abandonment will be taken place once new facility is built and commissioned under the same contractual agreement.	No action	No action	No action	This item is a part of Capital projects expected in 2016/17.
G - 2	The Licensee shall complete the restoration work within the time schedule specified in the Plan, or as subsequently revised and approved by the Board.	Not applicable	No action	No action	Part of main design works	Expected in 2015/2016.
G - 3	All disturbed areas shall be stabilized and re-vegetaed as required , upon completion of work, and restored as prcatically as possible to a pre-disturbed state.	No action right now	No action	No action	No action	Part of Capital Project and expected in 2016/2017
Part H:	<u>Conditions Applying to the Monitoring Program</u>					
H - 1	The Licensee shall maintain Monitoring Program Stations at the following locations: IGL-1 Raw water supply at South Lake and Airport Lake prior to treatment IGL-2 Runoff from the Solid Waste Disposal Facilities IGL-3 Raw Sewage from pump-out truck IGL-4 Effluent discharge from the Sewage Disposal Facilities	In Compliance. Hamlet is continuing this work.	Will be continued	Will be continued	Will be continued and improved	Will be continued
H - 2	The Licensee shall measure and record in cubic meters the monthly and annual quantities of water pumped from Monitoring Program Station IGL-1 for all purposes.	No meter is availalbe in the intake pipe.Extraction volume is roughly estimated only. Seepage and evaporation loss are non ancounted.	Practically no accurate recording possible right now.	Meter will be installed for the optimization of the intake system.	This will be part of design and construction of the inatke system.	The scheduled construction is 2014/2015.
H - 3	The Licensee shall sample at Monitoring Program stations IGL-4 and IGL-5 upon providing notice to the inspector and every four weeks thereafter when flow is observed.Samples shall be analyzed for the following parameters .	Hamlet started sampling Leachate and testing in the Caduceon Lab in Ottawa. Test test results are attached.	The requirement of the licence will be followed	This process will be optimized from summer 2014.	This process will be maintained	This process will be maintined.

H-4	The Licensee shall sample at Monitoring Program Station IGL-2 once annually during periods of runoff or seepage.Samples shall be analyzed for the parameters under Part h,item-3.	Hamlet has done this test in July 2013 and attached.	No action	Will be improved and continued	Will be improved and continued	Will be improved and continued
H - 5	The Licensee shall measure and record the annual quantities of sewage solids removed from the Sewage Disposal Facility.Details of the protocol for monitoring quantities of sewage sludge removed from the Sewage Disposal Fcailities shall be provided in the Sewage Sludge Management Plan, as part of the O&M manual.	Not applicable.	This was never done.	The sewage solid remains at the bed of the lagoon the way the system was designed.	The Future design will be followed the same concept	The Future design will be followed the same concept
H - 6	If, during the term of the Licence, additional Final Discharge points are identified, the Licensee shall submit ,along with the Annual Report, information including:	Not applicable.	No action	No action	In the final design of the sewage lagoon, there are possibilities for additional discharge points.	These additional discharge points will be established once construction of the lagoon is complete.Expected in 2016/20017.
H-6,a	Plans, specifications, geographic coordinates and a general description of each Final discharge Point: and	No action	No action	No action	The plan and specifications are the part of the design of the lagoon project.	This plan will be submitted for NWB approval along with the design work of the new sewage lagoon facility.Expected in 2015.
H-6.b	A description of how each Final Discharge point is designed and manitained,if required.	No action	No action	No action	Specificatons will be developed with the design document of the New sewage lagoon facility.	This is expecyted in 2017
H - 7	All Sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of Standards Methods for the Examination of Water and Wastewater, or by such other methods approved by the Board in writing.	Hamlet is using an accredited Lab named Caduecon Lab in Ottawa and following their protocol for sampling , preservation ,shipping and testing.	Hamlet is using an accredited Lab named Caduceon Lab in Ottawa.	Hamlet is using an accredited Lab named Caduceon Lab in Ottawa.	Hamlet is using an accredited Lab named Caduceon Lab in Ottawa.	Hamlet is using an accredited Lab named Caduceon Lab in Ottawa.
H - 8	All analyses shall be performed in a Canadian Association of Environmental Analytical Laboratories (CAEAL) Certified Laboratories.	Yes, Caduceon is a certified Environmental Laboratory of Ontario and a member of CAEAL.	Hamlet will be usng the sevicees of this Lab in future as well.	Hamlet will be usng the sevicees of Lab in future as well.	Hamlet will be usng the sevicees of Lab in future as well.	Hamlet will be usng the sevicees of Lab in future as well.

H - 9	The Licensee shall submit to the Board upon approval by an analyst, for inclusion with the O&M Manual, required under Part F, item 1(f), a Quality Assurance/Quality Control (QA/QC) Plan. The Plan shall include up to date sampling methods to all applicable standards, acceptable to an accredited Laboratory as required by Part H,item 7 and Part H, item 8. The Plan shall include a covering letter from the accreditaed laboratory and analyst, confirming acceptance of the Plan for analysis to be performed under this licence.	No QA/QC Plan was developed. Hamlet follows the guidelines of the Caduceon Lab for sampling, preservation and testing protocol.	This will be continued	QA/QC document will be developed at the same time of the design for new Sewage Lagoon and new Waste management facilities.	These document will not be ready until 2015 subject to avaiability of Capital funding.	Waiting for Capital dollars to develop a schedule for design and construction.
H - 10	The Licensee shall annually review the Qaulity Assurance/Quality Control Plan in Part H, Item 9 and modify the Plan as necessary. Proposed modifications shall be performed under this licence.	Not applicable right now. But Follows guidelines of the CAEAL.	Will be continued	Will be continued	Will be continued	Will be continued
H - 11	The Licensee shall include all of the data and information required by the "Monitoring Program" in the Licensee's annual Report, as required per Part B, Item 1, or as requested by an inspetor.	Yes, the lab testt results are attached also in 2013 Annual report.	Will be continued	Will be continued	Will be continued	Will be continued
H - 12	Modifications to the Monitoring Program may be made only upon written approval from the Board.	The Modifications might be required once the new Sewage Lagoon and waste mangement site are built and commissioned.	These projects are on hold rightnow.	Will be continued	Will be continued	Modifications of the monitoring program is expected once design and construction is complete. The construction of sewage lagoon might not be completed until 2017.
H - 13	Modifications to the Monitoring Program may be made only upon written approval from the Board.	The Modifications might be required once the new Sewage Lagoon and waste mangement site are built and commissioned.	These projects are on hold rightnow.	Will be continued	Will be continued	Modifications of the monitoring program is expected once design and construction is complete. The construction of sewage lagoon might not be completed until 2017.