

DECISION

LICENCE NUMBER: NWB5RES9803

This is the decision of the Nunavut Water Board (NWB) with respect to an application for a Licence dated May 19, 1998, made by:

Qikiqtaaluk Corporation

for the operation of the maintenance camp, general road repairs, barrel and debris consolidation, POL incineration, waste sorting of the furniture dump, asbestos removal in buildings and disposal, contamination and decontamination zone set-up, tank farm set-up, road construction including stream crossings, blasting and restoration of maintenance buildings at the Resolution Island Dew Line Site.

With respect to this application, the NWB gave notice to the public that the Qikiqtaaluk Corporation had filed an application with the NWB, and no public concerns were expressed to the Board.

DECISION

After having been satisfied that the application had been screened pursuant Article 12 of the Nunavut Land Claims Agreement and pursuant to NIRB decision to allow licensing to proceed under Article 12,10.2 (b), the NWB decided that the application could proceed through the regulatory process. After reviewing the submission of the Applicant, the NWB, having given due regard to the facts and circumstances, and to the purpose, scope and intent of the Nunavut Land Claims Agreement, determined that:

Licence Number NWB5RES9803 be issued subject to the terms and conditions contained therein.

SIGNED this day _____ day of July 1998 at Sanikiluaq, NT.

Peter Kattuk
Vice-Chairperson

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1. INTRODUCTION

Following an application filed by Qikiqtaaluk Corporation on May 19, 1998 to the Nunavut Water Board, the Nunavut Impact Review Board (NIRB) conducted an environmental screening of Qikiqtaaluk Corporation's request for a water licence for water use and waste disposal to conduct environmental clean-up at the Resolution Island Dew Line site. The screening was conducted pursuant to Article 12, Section 12.4.4 of the Nunavut Land Claims Agreement and the NIRB concluded in its screening decision dated June 29, 1998 that the project, in accordance with Section 12.4.4 (b), required review under part 5 or 6.

The Minister of Indian Affairs and Northern Development subsequently responded by indicating in a letter dated July 2, 1998 that terms of reference for an Article 12 review would be developed. However, the Minister requested that NIRB "promptly identify a process whereby the protection of Nunavut's environment can immediately begin without, in the opinion of NIRB, sacrificing the integrity of the eventual review process under Article 12 of the NLCA"

The NIRB responded on July 3, 1998 that "the NLCA Article 12.10.2 (b) can immediately be used for authority to allow the current licensing of all activities that are needed for the mitigation or containment of hazardous wastes into the Resolution Island ecosystem."

The NWB decided to proceed with the regulatory process by licensing water use and the disposal of waste for the operation of the maintenance camp, general road repairs, barrel and debris consolidation, POL incineration, waste sorting of the furniture dump, asbestos removal in buildings and disposal, contamination and decontamination zone set-up, tank farm set-up, road construction including stream crossings, blasting and restoration of maintenance buildings. The impending options for treatment, transportation, storage and disposal of hazardous materials that will be subject to the NIRB review, is excluded from this licence.

In accordance with the *Nunavut Land Claims Agreement*, Article 13, Section 13.7.2, the NWB shall hold a public hearing before approving any application. The NWB may, where there is no public concern expressed, waive the requirement for a public hearing. Notice of the application was posted in the Nunatsiaq News newspaper. The NWB determined that a public hearing was not required, since no public concerns were expressed. Furthermore, in consideration of that fact, the NWB delegated its authority to its Chief Administrative Officer.

II. GENERAL CONSIDERATIONS

1. Term of the Licence

Based on the powers held by the Northwest Territories Water Board under the Northern Inland Waters Act, the NWB may issue a licence for a term not exceeding twenty-five years. The NWB believes that a term of five years is appropriate and will allow the licensee to carry out its proposed work pending Article 12 review.

B. Reporting Requirements

The NWB requests that the Licensee provide an executive summary in Inuktitut of all studies and reports prepared under this licence. The Board feels that it is important that the information collected and analyzed as requirements of this licence be summarized in the appropriate languages and given back to the residents of nearby communities.

3. Spill Prevention

The Board generally requires that all licensee's prepare comprehensive Spill Contingency Plans to establish a state of readiness which will ensure prompt and effective response to possible spills or system failure events. The contingency plan will assist the licensee in responding to emergencies such that the impacts to the environment and public health are minimized.

4. Studies

To measure the performance of the reclamation measures and the effectiveness of impact mitigation applied over the short and long term the Board requests that the licensee develop and implement an Environmental Monitoring Program.

5. Abandonment and Restoration (A&R)

The NWB would like to ensure that no complications are encountered and that all required data are available well before final abandonment and reclamation. To accomplish these objectives, the NWB considers that additional detailed information from the licensee and progressive A&R is necessary.

6. Other

Authority of the Board

The Nunavut Land Claims Agreement (NLCA) specifically states that no person may use water or dispose of waste into water without the approval of the NWB. Contrary to the Northwest Territories Water Board which has the authority to approve only certain types of licences under the Northwest Territories Waters Act, other types of uses being subject to ministerial approval under the same Act, the Nunavut Water Board has the authority to approve any use of water and disposal of waste under the NLCA. Such an approval by the Board is not subject to the review, concurrence, validation, or approval by the Minister of Indian and Northern Affairs.

III. LICENCE NWB5RES9803

Pursuant to the Agreement Between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada, the Nunavut Water Board, hereinafter referred to as the Board, hereby grants to

(Licensee) Qikiqtaaluk Corporation
of P.O. Box 1228
(Mailing Address) Iqaluit, NT X0A 0H0

hereinafter called the Licensee, the right to alter, divert or otherwise use water for a period subject to restrictions and conditions contained within this licence:

Licence Number NWB5RES9803

Water Management Area NORTHWEST TERRITORIES 04

Location RESOLUTION ISLAND, NT
(Latitude/Longitude: 61°36' N / 64 °38' W)

Purpose WATER USE AND WASTE DISPOSAL

Description CAMP MOBILIZATION & OPERATION, ENVIRONMENTAL CLEAN UP AND ASSOCIATED USES

Quantity of Water Not to be Exceeded 400 CUBIC METRES MONTHLY

Date of Licence JULY 31, 1998

Expiry Date of Licence AUGUST 1, 2003

Dated this ____ of July 1998 at Sanikiluaq, NT.

Peter Kattuk
Vice-Chairperson _____

PART A: SCOPE AND DEFINITIONS

1. SCOPE

1. This licence entitles Qikiqtaaluk Corporation to use water and dispose of waste for the operation of the maintenance camp, general road repairs, barrel and debris consolidation, POL incineration, waste sorting of the furniture dump, asbestos removal in buildings and disposal, contamination and decontamination zone set-up, tank farm set-up, road construction including stream crossings, blasting and restoration of maintenance buildings. This operation is required for the preparation of the future clean up of Resolution Island, Northwest Territories, (61°35' N / 60°40' W) as shown in Figure 1, appended to this licence.
- 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 Regulations are amended by the Governor in Council under a future Nunavut Waters Act, 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.
- b. Compliance with the terms and conditions of this Licence does not absolve the Licensee from responsibility for compliance with all applicable legislation, including the Public Health Act.
2. The Licensee shall have applied for and received a new Licence for the treatment, transportation, storage and disposal of hazardous materials prior to carrying out such activities.

2. DEFINITIONS

In this Licence: **NWB5RES9803**

“Average Concentration” means the concentration as determined in Part B, Item 6 of the “Surveillance Network Program” submitted to the Board in accordance with the sampling and analysis requirements specified in the “Surveillance Network Program”;

“Bagged Toilet Waste Disposal Facilities” comprises the area and associated structures designed to contain bagged toilet wastes (honeybags);

“Board” means the Nunavut Water Board established under the Nunavut Land Claims

PART A: DEFINITIONS (contd.)

Agreement;

“Freeboard” means the vertical distance between water line and crest on a dam or dyke’s upstream slope;

“Grab Sample” means a single water or wastewater sample taken at a time and place representative of the total discharge;

“Greywater” means all liquid wastes from showers, baths, sinks, kitchens and domestic washing facilities, but does not include toilet wastes;

“Inspector” means an Inspector designated by the Department of Indian and Northern Affairs Canada in a manner consistent with the Memorandum of Understanding between the Department of Indian and Northern Affairs and the Board;

“Licensee” means the individual or organization to whom licence NWB5RES9803 is issued or assigned;

“Liquid Waste Water” means water and associated waste generated by the operation of contamination and decommissioning activities, but does not include toilet wastes and greywater;

“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;

“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;

“Pumpout Sewage” means all toilet wastes and/or greywater collected by means of a vacuum truck for disposal at an approved facility;

“Sewage” means all toilet wastes and greywater;

“Sewage Disposal Facilities” comprises the area and engineered structures designed to contain and treat sewage;

“Solid Waste Disposal Facilities” comprises the area and associated structures designed to contain solid wastes;

“Toilet Wastes” means all human excreta and associated products, but does not include greywater;

“Waste” means any substance that, by itself or in combination with other substances found in water, would have the effect of altering the quality of any water to which the substance is added to an extent that is detrimental to its use by people or by any animal, fish or plant, or any water that would have that effect because of the quantity or concentration of the substance contained in it or because it has been treated or changed, by heat or other means;

“Waste Disposal Facilities” means all facilities designated for the disposal of waste, includes the Sewage Disposal Facilities Solid Waste Disposal Facilities, and Bagged Toilet Waste Disposal Facilities;

“Water Supply Facilities” comprises the Water Supply Lake area and associated infrastructure designed to collect, treat and supply water.

PART B: GENERAL CONDITIONS

1. The licensee shall file an Annual Report with the Board no later than March 31 of the year following the calendar year reported, which shall contain the following information:
 1. The monthly and annual quantities (in cubic metres) of fresh water obtained from all sources;
 2. The monthly and annual quantities (in cubic metres) of Sewage Waste discharged from the Sewage Disposal Facilities;
 3. The monthly and annual quantities in cubic metres of each and all waste discharged;
 4. A summary of any construction work, modification and major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures;
 5. Tabular summaries for all data and information generated under the “Surveillance Network Program”;
 6. A progress report on the Environmental Monitoring Program study and a brief description of any future studies planned by the licensee;

7. A summary of any abandonment and restoration work undertaken during the year and an outline of any work anticipated for the next year;
 8. A summary of any studies requested by the Board that relate to Waste disposal, water use or reclamation, and a brief description of any future studies planned;
 9. A list of unauthorized discharges and summary of follow-up actions taken;
 10. An outline of any spill training or communication exercises carried out;
 11. Updates or revisions to the approved Operation and Maintenance plans;
 12. Any revisions to the approved Contingency Plan;
 13. A description of any trenches and sumps excavated;
 14. A summary of all clean up procedures to date; and
 15. A public consultation/participation report describing consultation with local organizations and the residents of the nearby communities;
 16. A brief summary of work done to address concerns or deficiencies listed in the inspection reports and/or compliance reports;
 17. Any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and
 18. An executive summary in terms understandable to the general public translated into Inuktitut of all plans, reports, or studies conducted under this licence.
2. All research and studies undertaken by the Licensee shall follow the “Ethical Principles for the Conduct of Research in the North”, Association of Canadian Universities for Northern Studies (1982).
 3. The Licensee shall comply with the “Surveillance Network Program” annexed to this Licence, and any amendment to the said “Surveillance Network Program” as may be made from time to time, pursuant to the conditions of this Licence.
 4. The “Surveillance Network Program” and compliance dates specified in the Licence may be modified at the discretion of the Board.
 5. The Licensee shall install meters or such devices, or use such methods as

approved by the Board for measuring the volumes of water used and waste discharged. The meters and measuring devices or methods shall be operated and maintained to the satisfaction of an Inspector.

6. The Licensee shall, within sixty (60) days of issuance of this Licence, post signs in the appropriate area to inform the public of Water Supply Facilities, Waste Disposal Facilities, contaminated sites and storage facilities, and the necessary signs to identify the stations of the "Surveillance Network Program". All postings shall be located and maintained to the satisfaction of an Inspector.
7. The Licensee shall ensure a copy of this Licence is maintained at the site of operation at all times.

PART C: CONDITIONS APPLYING TO WATER USE

1. The Licensee shall obtain all freshwater for domestic purposes from the unnamed lake known as Water Supply Lake using the Water Supply Facilities or as otherwise approved by the Board.
2. The monthly quantity of water used for all purposes shall not exceed 400 cubic metres.
3. The water intake hose use on the water pumps drawing water from the freshwater lake shall be equipped with a screen with a mesh size sufficient to ensure no entrainment of fish.
4. The potable water supply shall meet the *Guidelines for Canadian Drinking Water Quality*.

PART D: CONDITIONS APPLYING TO WASTE DISPOSAL

1. The Licensee shall direct and contain all piped and pumpout sewage to the Sewage Disposal Facilities or as otherwise approved by the Board.
2. A freeboard limit of one (1) metre shall be maintained at all dykes and earth fill structures associated with the Sewage Disposal Facilities.
3. The Licensee shall maintain the Sewage Disposal Facilities to the satisfaction of an Inspector.
4. The Sewage Disposal Facility shall be fenced for protection of public health.

5. The Licensee shall dispose of all solid Wastes at the Solid Waste Disposal Facilities or as otherwise approved by the Board.
6. The Licensee shall collect and temporarily store, in preparation for future disposal, Liquid Waste Water from decontamination procedures.
7. All pumpout water from excavation and borrow pits shall be pumped to an area approved by an Inspector.

PART E: CONDITIONS APPLYING TO THE UNDERTAKING

1. The Licensee shall ensure that the construction of the roads, stream crossings and any other structures conform to the plans submitted to the Board. Temporary crossings shall be appropriately designed and constructed to minimize erosion or contamination to waterways.
2. The Licensee shall ensure that the existing creek channels are maintained at their normal width and depth to the extent possible, both during and after construction.
3. Granular materials and rock rip-rap shall be used for the temporary stream crossings, approaches or as may be required for bank stabilization and must be obtained from a source approved by an inspector and be clean and free of contaminants. Such material must not be removed or gathered from below the ordinary high water mark of the creek, stream or from any nearby water body.
4. All sites affected by construction or removal activities shall be stabilized, landscaped as necessary, and suitable erosion control measures implemented to minimize sediment deposition into the creeks. Land-based geo-textile silt barriers shall be established along the temporary stream crossing approaches and silt fences shall be erected downstream of the construction site, at the request of an Inspector.
5. The licensee shall restore and stabilize all areas affected by the undertaking upon completion of the work, to the satisfaction of an Inspector.
6. As-built drawing of the stream crossings shall be stamped by a qualified engineer registered in the Northwest Territories and submitted to the Board within ninety (90) days of completion of the facility.
8. The Licensee shall not deposit any waste in any body of water, or on the banks thereof, which may impair the quality, quantity, or flow of water.

9. Areas designated for waste disposal shall not be located within thirty (30) metres of the ordinary high water mark of any body of water, unless otherwise authorized.
10. All scrap metal, discarded machinery and parts, and other bulky material shall be disposed of in an approved disposal site.
11. The Licensee shall not bury any scrap metal and other bulky wastes.
12. The Licensee shall ensure that:
 1. In-stream construction is carried out during low water period;
 2. Instream activity is limited and machinery is prohibited from travelling up the streambed;
 3. Fording the streams is minimized;
 4. Equipment is clean and free of oil and grease.
 5. Mechanized clearing is not permitted within thirty (30) metres of the normal high water mark of a watercourse in order to maintain a vegetative mat for bank stabilization;
 6. Debris from clearing activities should not be dragged or skidded across watercourses and all slash and debris is to be disposed of above the high water mark so that it does not enter the water;

PART F: CONDITIONS APPLYING TO STUDIES

1. The Licensee shall submit to the Board for approval by March 31, 1999, an Environmental Monitoring Program designed to measure the performance of the reclamation measures and the effectiveness of impact mitigation applied over the short and long term. The proposed study shall include an implementation schedule.
2. The Licensee shall implement the study referred to in Part F, Item 1, as and when approved by the Board.

PART G: CONDITIONS APPLYING TO SPILL PREVENTION AND

CONTINGENCY PLANNING

1. The Licensee shall ensure that any fuels, chemicals, or wastes associated with this undertaking do not enter any waters. All fuel is to be stored at a location that is a minimum of thirty (30) metres from the ordinary high water mark of any water source.
2. The Licensee shall submit to the Board for approval by September 1, 1998, a Spill Contingency Plan in accordance with the Northwest Territories Water Board's "Guidelines for Contingency Planning, January 1987".
3. The Licensee shall revise the Spill Contingency Plan referred to in Part G, Item 1, if not acceptable to the Board. The revised Plan shall be submitted to the Board for approval within thirty (30) days after notification.
4. The Licensee shall annually review the Spill Contingency Plan and modify the Plan to reflect changes in operation, technology and personnel. Any proposed modification shall be re-submitted to the Board for approval.
5. If, during the period of this Licence, an unauthorized discharge of waste occurs, or if such a discharge is foreseeable, the Licensee shall:
 - a. Employ the Contingency Plan;
 - b. Report the incident immediately via the 24-Hour NWT Spill Reporting Line (867) 920-8130; and
 - c. Submit to an Inspector a detailed report on each occurrence no later than thirty (30) days after initially reporting the event.

PART H: CONDITIONS APPLYING TO MODIFICATIONS

1. The Licensee may carry out modification to the planned undertakings without the written approval from the Board, providing that such modifications are consistent with the terms of this Licence, and the Licensee has notified an Inspector of such proposed modifications at least fifteen (15) days prior to beginning the modifications and an Inspector has not rejected the proposed modifications.
2. 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.

PART I: CONDITIONS APPLYING TO OPERATION AND MAINTENANCE

1. The Licensee shall submit to the Board for approval by January 1, 1999, a revised plan for the Operation and Maintenance of the Waste Disposal facilities in accordance with the Government of the Northwest Territories' "Guidelines for Preparing an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities, October 1996".
2. The Licensee shall implement the plan specified in Part I, Item 1, as and when approved by the Board.
3. The Licensee, if any constructed facilities were to fail, shall repair such facilities immediately.

PART J: CONDITIONS APPLYING TO ABANDONMENT AND RESTORATION

1. The Licensee shall submit to the Board for approval at least six (6) months prior to abandoning any Waste Disposal Facilities, an Abandonment and Restoration Plan. The Plan shall include, but not be limited to:
 1. Contaminated site remediation;
 2. Leachate prevention;
 3. An implementation schedule;
 4. Maps delineating all disturbed areas, barrow material locations, and site facilities;
 5. Consideration of altered drainage patterns;
 6. Type and source of cover materials;
 7. Future area use;
 8. Hazardous wastes;
 9. Roads;
 10. Buildings and associated infrastructure; and
 11. Stream culvert removal and site restoration.
2. The Licensee shall revise the Abandonment and Restoration Plan referred to in Part J, Item 1, if not acceptable by the Board. The revised Plan shall be submitted to the Board for approval within sixty (60) days after notification.
3. The Licensee shall implement the plans referred to in Part H, Item 1 as and when approved by the Board.

6. The Licensee shall complete all reclamation work within the time schedule specified in the Abandonment and Restoration Plan, unless revisions to the Plan have been approved by the Board.
7. The Licensee shall annually review the Abandonment and Restoration Plan and shall modify the Plan to reflect changing operations, technology and the results of reclamation and other studies. The proposed modifications shall be submitted to the Board for approval.

SCHEDULE I

SURVEILLANCE NETWORK PROGRAM

Licence Number: NWB5RES9803

Effective Date of Licence: July 31st, 1998

SNP SAMPLING LOCATIONS, SAMPLING REQUIREMENTS, AND ANALYSIS REQUIREMENT. (Amendment 01)

Station Numbers	Description	Sampling Requirements	Analysis Requirements	
RES - 1	Raw water intake at the Freshwater Lake. (Unnamed water supply lake)	Once annually in July or August or more frequently at the request of an Inspector	pH Total Mercury Total Cadmium Total Copper Total Nickel Total Iron Phenol Nitrate/Nitrite BOD ₅	Total Suspended Solids Total Chromium Total Colbalt Total Manganese Total Lead Total Zinc Oil and Grease Faecal Coliform
RES - 2	Effluent discharge from the Sewage Disposal Facilities	Not required	Not required	
RES - 3	Final effluent discharge before entering	Not required	Not required	
RES - 4	Runoff from the active Solid Waste Disposal Site in the Lower Level	Once annually in July or August or more frequently at the request of an Inspector	pH Total Mercury Total Cadmium Total Copper Total Nickel Total Iron Phenol Nitrate/Nitrite	Total Suspended Solids Total Chromium Total Colbalt Total Manganese Total Lead Total Zinc Oil and Grease
RES - 5	Runoff from the active Solid Waste Disposal Site in the summit area	Once annually in July or August or more frequently at the request of an Inspector	pH Total Mercury Total Cadmium Total Copper Total Nickel Total Iron Phenol Nitrate/Nitrite	Total Suspended Solids Total Chromium Total Colbalt Total Manganese Total Lead Total Zinc Oil and Grease

**The pH, temperature and specific conductivity of the sample shall be recorded at the time of sampling.*

B. SNP GENERAL REQUIREMENTS

1. The Licensee shall, by March 31, 1999 submit to the Board for approval a Quality Assurance/Quality Control plan which addresses analysis of field blanks and certified reference material, and replicate sampling in order to assess accuracy, precision and field contamination.
1. The plan referred to in Part B, Item 1 of the SNP, shall be implemented as approved by the Board.
2. All analyses shall be conducted in accordance with methods prescribed in the current edition of "Standard Methods for the Examination of Water and Wastewater", or by such other methods as approved by the Board.
3. All analyses shall be performed in a laboratory approved by the Board.
4. The following example is provided to illustrate the procedures for calculating the average concentration. If the effluent stream is sampled weekly for each substance, the following lead values may be obtained:

Week 1	Sample #1	.15
Week 2	Sample #2	.12
Week 3	Sample #3	.10
Week 4	Sample #4	.18
<i>Running Average= (.15+.12+.10+.18)/4=.137</i>		
Week 5	Sample #5	.20
<i>Running Average= (.12+.10+.18+.20)/4=.150</i>		
Week 6	Sample #6	.16
<i>Running Average= (.10+.18+.20+.16)/4=.160</i>		

C. FLOW MEASUREMENT REQUIREMENTS

1. The monthly and annual quantities of water pumped from SNP Station Number RES - 1 for domestic and associated uses shall be measured and recorded in cubic metres.
2. The monthly and annual quantity of sewage solids discharged from the Sewage Disposal Facilities (SNP Station Number RES - 2) shall be measured and recorded in cubic metres during periods of flow.

D. REPORTS

1. The Licensee shall submit to the Board within thirty (30) days following the month being reported, all data and information required by the “Surveillance Network Program”, including the results of the approved quality assurance plan.
5. MODIFICATIONS TO THE SNP
1. Modifications to the Surveillance Network Program may be made only upon written approval of the Board.

SCHEDULE II - LICENSING CONSIDERATIONS

I. APPLICATIONS FOR LICENCE AMENDMENT, RENEWAL, ASSIGNMENT OR CANCELLATION.

1. An Application for an amendment or renewal shall be in the form set out by the Board and shall contain the information identified therein and be accompanied by a deposit equal to any water use fee that would be payable under subsection II (1) in respect of the first year of the licence that is being applied for.
5. The fee payable on the submission of an application for the amendment, renewal, cancellation or assignment of this licence is thirty (30) dollars. (Cheque c/o Receiver General for Canada)
6. An application for authorization for the assignment of the licence shall be submitted to the Board, accompanied by the fee set out in (2), no less than 45 days before the date on which the applicant proposes to assign the licence, and shall:
 1. Be signed by the assignor and the assignee; and
 - d. Include the name and address of the assignee.
7. An application for cancellation of a licence shall be in writing and shall set out the reason for the requested cancellation and a description of the measures taken or proposed to be taken, prior to cancellation, for abandonment of the appurtenant undertaking.

**SCHEDULE III - GENERAL CONDITIONS FOR THE ADMINISTRATION OF LICENCES
ISSUED BY THE NUNAVUT WATER BOARD (NWB)**

1. At the time of issuance, a copy of the Licence is placed on the Water Register in the NWB Head Office in Gjoa Haven, and is available to the public.
2. To enforce the terms and conditions of the Licence, the Department of Indian Affairs and Northern Development designates Inspectors in a manner consistent with the Memorandum of Understanding between the Department of Indian and Northern Affairs and the NWB. The Inspectors coordinate their activities with the NWB staff and officials of the Water Resources Division of DIAND. The Inspector responsible for Licence No. NWB5RES9803 is located in the Nunavut District office.
3. To keep the NWB and members of the public informed of the Licensee's conformity to Licence conditions, the Inspectors prepare inspection and compliance reports which detail observations on how the Licensee has met each condition in the Licence. These reports are forwarded to the Licensee with a covering letter requesting what action, if any, should be taken. The inspection reports and covering letters are placed on the public Water Register, as are any responses received from the Licensee pertaining to the inspection reports. It is therefore of importance that the Licensee react in all areas of concern regarding inspection reports so that these concerns may be clarified.
4. If the Licensee contemplates the renewal of Licence No. NWB5RES9803, it is the responsibility of the licensee to apply to the NWB for renewal of the licence. The past performance of the licensee, new documentation and information, and issues raised during a public hearing, if the NWB is required to hold one, will be used to determine the terms and conditions of the Licence renewal. If the licence expires before the NWB issues a new one, then water use and waste disposal must cease, or the Licensee will be in contravention of the Nunavut Land Claims Agreement. The NWB recommends that an application for the renewal of Licence No. NWB5RES9803 be filed at least six months before the Licence's expiry date.
5. If Licence No. NWB5RES9803 requires amendment, then a public hearing may be required. The Licensee should submit applications for amendment as soon as possible to give the NWB sufficient time to go through the amendment process. The duration of the process may vary depending on the scope of the amendment requested.
6. The NWB can modify the Surveillance Network Program annexed to the licence without a public hearing. Requests for changes to the Surveillance Network Program should be forwarded to the NWB in writing, and should include the justification for the change.
7. Any communication with respect to this licence shall be made in writing to the attention of:
Philippe di Pizzo
Executive Director
Nunavut Water Board
P. O. Box 119

Gjoa Haven, NT. X0E 1J0
Telephone No:(867) 360-6338
Fax No: (867) 360-6369

8. Inspection and enforcement of the terms and conditions of this licence are performed by:

Nunavut District Office
Northern Affairs Program
Department of Indian Affairs
and Northern Development
P. O. Box 100
Iqaluit, NT. X0A 0H0
Telephone No:(867) 979-4405
Fax No: (867) 979-6445

9. The licensee shall submit all report, plans and studies to the Board in **three** copies.

FIGURE 1 SITE MAP - PROJECT ENVIRONMENTAL IMPACT AREA WITH SNP STATIONS (*Courtesy of: Report on: Environmental Risk Assessment for Resolution Island, Northwest Territories by Golder Associates and Royal Roads University, October 1997*)