6. Protect trees, plants, and foliage on-site and adjacent properties where indicated.
7. Prevent extraneous materials from contaminating air beyond application area, by providing temporary enclosures during excavation work.
8. Fires and burning of rubbish on site not permitted.
9. Do not bury rubbish and waste materials on site.
10. Do not dispose of waste or volatile materials, such as mineral spirits, oil or paint thinner into waterways, storm or sanitary sewers.
11. Provide temporary drainage and pumping as necessary to keep excavations and site free from water.
12. Do not pump water containing suspended materials into waterways, sewer or drainage systems.
13. Control disposal or runoff of water containing suspended materials or other harmful substances in accordance with local authority requirements.
14. Protect trees and plants on site and adjacent properties.
15. Minimize stripping of topsoil and vegetation.
16. Restrict tree removal to areas indicated or designated by Project manager.
17. Do not operate construction equipment in Waterways.
18. Do not use waterway beds for borrow material.
19. Do not dump excavated fill, waste material or debris in waterways.
20. Do not construct temporary crossings over waterways.
21. Do not skid logs or construction materials across waterways
22. Maintain temporary erosion and pollution control features installed under this contract.
23. Control emissions from equipment and plant to local authorities emission requirements.
24. Cover or wet down dry materials and rubbish to prevent blowing dust and debris. Provide dust control for temporary roads.

5.0 Regulatory Framework

The consultant/contractor shall observe all applicable Federal, Provincial, and Municipal legislation, regulations, guidelines and codes of practice including but not limited to the following:

- Canadian Environmental Protection Act;
- Transport of Dangerous Goods Act;
- National Fire Code, 1995;
- Underwriters' Laboratories of Canada;
- National Building Code, 1995 (with all current amendments);
- CCME Guidance Manual on Sampling, Analysis, and Data Management for Contaminated Sites, 1993, Volume I and II;
- Work Site Hazardous Material Information System Regulation (WHMIS);
- CCME Petroleum Hydrocarbons in Soil – Canada Wide Standard, 2001;
- CCME Interim Canadian Environmental Quality Criteria for Contaminated Sites;
- CCME Recommended Canadian Soil Quality Guidelines, 1997;
- GN Environmental Protection Act;
- GN Guideline for Contaminated Site Remediation, 1998; and
- The regulations and standards of other local governing agencies.

In case of conflict or discrepancy, the more stringent requirement shall apply. The consultant/contractor shall meet or exceed requirements of contract documents, specified standards, codes and referenced documents. The contractor/consultant will ensure that all on-site personnel are familiar with the mitigation measures included in the contractor Health and Safety Plan should a spill on-site occur.

6.0 Handling and Transportation of Dangerous Goods

The consultant/contractor will observe and enforce all Acts, Regulations, and Guidelines required by the regulatory agencies of the federal, territorial, and potentially provincial governments including but not limited to Environment Canada, Department of Environment and Transport Canada Transportation of Dangerous Goods Act and Regulations. In the case of conflict, the more stringent requirements will apply. The consultant/contractor will maintain complete records, including Bills of Lading, Manifests, and descriptions of any actions undertaken under the handling and transportation of dangerous goods.

7.0 Quality Assurance

The consultant/contractor agency, in addition to the individual site supervisor assigned to the project, shall have a minimum of five (5) years prior experience in the field of contaminated soils remediation.

The laboratory commissioned to conduct the required soil and groundwater analysis shall be a CAEAL accredited lab. The consultant/contractor must provide details of the field and laboratory QA/QC program for review in the final report.

8.0 Permits and Related Paperwork

The consultant/contractor shall be responsible for paying all costs associated with obtaining permits to complete the work specified under this contract. The consultant/contractor will also have the following paperwork available on-site at all times:

- Contract;
- Addenda;
- Change orders;
- Other modifications to Contract;
- Copy of Contractors' Health and Safety Plan; and
- Permits, licenses, and land use regulations.
- TDG Certification.

The consultant/contractor will also record all off-site removal of materials and provide the following information regarding these materials to the Project Manager:

- Time and date of removal;
- Type of material;
- Head space hydrocarbon vapour monitoring results;

- Weights and quantity of materials;
- Final destination of materials; and,
- All bills of lading concerning the material taken off site.

9.0 Site Supervision

Consultant/contractor will designate a competent and qualified site supervisor to be on-site at all times during work, who has authority to oversee all aspects of the work, including but not limited to, estimating and negotiation of changes to the contract, update of submission requirements, scheduling, manpower and equipment requirements, and direct communication and co-ordination with the Project manager.

Do not replace supervisory personnel without written approval from the Project Manager.

Replace supervisory personnel, with approved replacements, within three (3) working days of a written request from the Project Manager.

10.0 Confidentiality

All information data, material, etc. gathered as part of this project shall be treated as confidential, the property of Transport Canada and shall only be discussed with the Project Manager and Transport Canada personnel unless otherwise directed and authorized by the Project Manager.

11.0 Security

The works covered under this scope are located in a restricted area of the Iqaluit Airport. The consultant/contractor will be responsible for obtaining and fulfilling the necessary access requirements from the Government of Nunavut Department of Transportation, Airports Division.

Only persons employed on the project will be allowed normal access to the site. Unauthorized persons will be permitted on-site only with approval of Project Manager or consultant/contractor.

The consultant shall not disrupt Airport business except as permitted by the Airport representative. As required, the consultant shall provide barricades and lights in order to carry out the project and to ensure all open excavations are properly marked.

12.0 Project Management

Transport Canada will designate a Project Manager for this project. The successful bidder will be made aware of the individual upon contract award.

The Project Manager for this project is:

Mike Molinski, Environmental Officer
3rd Floor, 344 Edmonton Street
P.O. Box 8550
Winnipeg, MB
R3C 0P6

13.0 Reporting

The consultant/contractor, upon completion of the site work shall present a comprehensive written report, which will include methodologies, designs, specifications, and results of all activities. The report issued as a result of this site work must be user-friendly for effective management use. The report and findings must be fully justified and detailed in engineering terms.

One copy of a draft report must be submitted to the Project Manager within three weeks of completion of the site work to provide Transport Canada opportunity to comment on the contents of the document. Upon receiving any comments from Transport Canada, the consultant/contractor will provide three (3) copies of the final report in hard copy and one copy on CD-ROM in MS Word 2000 format or newer.
Final copies are to be submitted to:

Bill Ferguson, Manager
Environmental Affairs
3rd Floor, 344 Edmonton Street
P.O. Box 8550
Winnipeg, MB
R3C0P6

14.0 Schedule

Provide within five (5) days after Contract award, a schedule detailing each task and the estimated timeline to complete it. The Project Manager will be on-site during work.

All personnel, materials, and equipment must be on-site to facilitate a start date to be determined after contractual award, as negotiated between consultant/contractor and Project Manager. All field work should be completed two weeks after start date. All work specified in this contract must be completed by December 15, 2006 or to be determined by Project Manager.

Upon completion of the work required under this RFP, the consultant/contractor's site Superintendent must notify the Project Manager to arrange for a contractual final acceptance to be conducted by the Project Manager. Work not done to the satisfaction of the Project Manager must be redone to the same and the cost will be incurred by the consultant/contractor. Failure to carry out work to the satisfaction of the Project Manager may result in the termination of the contract.

15.0 Submissions

With their proposal, bidders must submit the following:

1. A 'Work Plan' which includes the following:
   a. A detailed breakdown of the work to be completed by the consultant/contractor under this contract.
   b. A detailed description of how each of the tasks will be carried out, ensuring compliance to all applicable legislation and regulations.
   c. A list of all consultant/contractor personnel that will be directly involved with the work under this contract and their relation to the project.
   d. A site specific security plan for works on Airport property.

2. A site specific 'Health and Safety Plan' (HASP) which includes, as a minimum, a document complying with WCB guidelines, outlining the following:
   a. The major hazards that will be encountered on site.
   b. The precautions that will be taken to minimize the hazards (Personal Protective Equipment, signage, barriers, etc.) All cost associated with monitoring and conflict control shall be born by the consultant/contractor.
   c. Medical emergency procedures that will be followed by the consultant/contractor in case of accident or incident requiring medical attention, including a contact list of hospitals, fire department, etc.
   d. A Fire Safety Plan.

3. A site specific Erosion Control Plan that will comply with regulatory requirements.

These plans will be used for the technical evaluation of the bids and will be reviewed by the Transport Canada Project Manager.

16.0 Personnel Protection

1. Personnel entering the area shall be equipped with steel-toed work boots, hard hats, hearing protection, and safety glasses as required by the Occupational Health and Safety Act.
2. Workers shall be equipped with appropriate personal protective gear. Should contamination be encountered and exposure to hazardous materials be encountered the worker must use or wear such gear as appropriate and necessary.
3. Excavation team may be required to wear respirators as directed by Transport Canada if vapour levels exceed regulations for exposure limits. Ensure that all contractor personnel are instructed for the proper use and maintenance of respirators. All personnel are to be fit-tested as well.
4. If in a high traffic area, high visibility vests shall be worn.
5. Use barricades and warning signs where necessary.
6. Avoid skin contact and inhalation of hydrocarbon products.
7. Promptly wash hydrocarbon contaminated soaked cloths and avoid using soaked leather goods. Properly dispose of any soaked rags.
8. Keep work areas clean and well ventilated.

9. Shore and brace excavated slopes and banks according to applicable regulations.
10. Clean up spills promptly.
11. Precautions must be taken to eliminate all potential sources of ignition from the area (i.e. smoking materials and non explosion-proof electrical and internal combustion equipment).
12. Cover or wet down dry materials and waste to prevent blowing dust and debris. Control dust on all temporary roads.
13. Fires and burning of waste or materials are not permitted on-site.
14. Prevent accumulation of vapours at ground level.

17.0 Cost Schedule

The following table is to be used for submission of a bid:

Transport Canada –Iqaluit Airport Apron I Remedial Works

Item No.	Item Description	Estimated Quantity	Unit Cost	Total Cost
1	Removal of piping estimated 50m and shipping out of Iqaluit for recycling	Lump sum		
2	Removal of concrete refuelling box and placement in local landfill			
3	Contaminated Soil Excavation 1. Soil Excavation (m^3) 2. Hauling Soil to LTU (m^3) 3. Soil Backfilling of Clean Material (m^3)	 1,000 1,000 1,100		
4	Soil Sample Analysis 1. Soil Sample Analysis Lead, BTEX, PHC Tier 1, Fraction's #1,#2,#3, & #4	 12		
5	Costs of all permits/authorizations	Lump sum		
6	Mobilization/Demobilization	Lump sum		
7	Reporting Costs	Lump sum		
	Total A			

All quantities listed in the tender form are estimates. Contractor shall confirm all quantities on site. Costs should include all disbursement associated with completing the work including accommodation costs. Disbursements for this work or any other task shall not be marked up.

Additional Work

All additional work outside specification requirement and approved by the technical authority through a Change Order Process will be paid on the all-inclusive unit prices quoted above and below:

Other Unit Price (Submit the following items separately from contracted bid price)

1	Contaminated soil excavation, including hauling to landfill and disposal costs	Per m^3		
2	Supply and backfill of clean material, including compaction and grading	Per m^3		
	Total B			

These items will be used for cost evaluation purposes only and **do not** constitute a guarantee of the award, quantity or amount to be awarded under the contract.

Proposals will be evaluated on the costs in "A"

18.0 Questions/Clarification

Any questions or clarification regarding this request for proposals shall be directed and cleared through the Contracting Authority.

19.0 Evaluation Table

Note: All bids will be rated against the selection criteria sheet and lowest bidder will not necessarily be chosen.

A selection Committee will evaluate all proposals in accordance with the following Selection Criteria. The Committee will initiate the selection process by ensuring the proposal meets all mandatory requirements. If not, the proposal will be declared invalid and rejected. Each technical criterion (not including cost) will be rated based on the information provided in the proposal. The total rating of the proposal must equal at least 70% of the total points available to be considered further. Prorating the proposals will complete the assignment of points for cost, the proposal with the lowest cost will be assigned the most points.

Mandatory Requirements

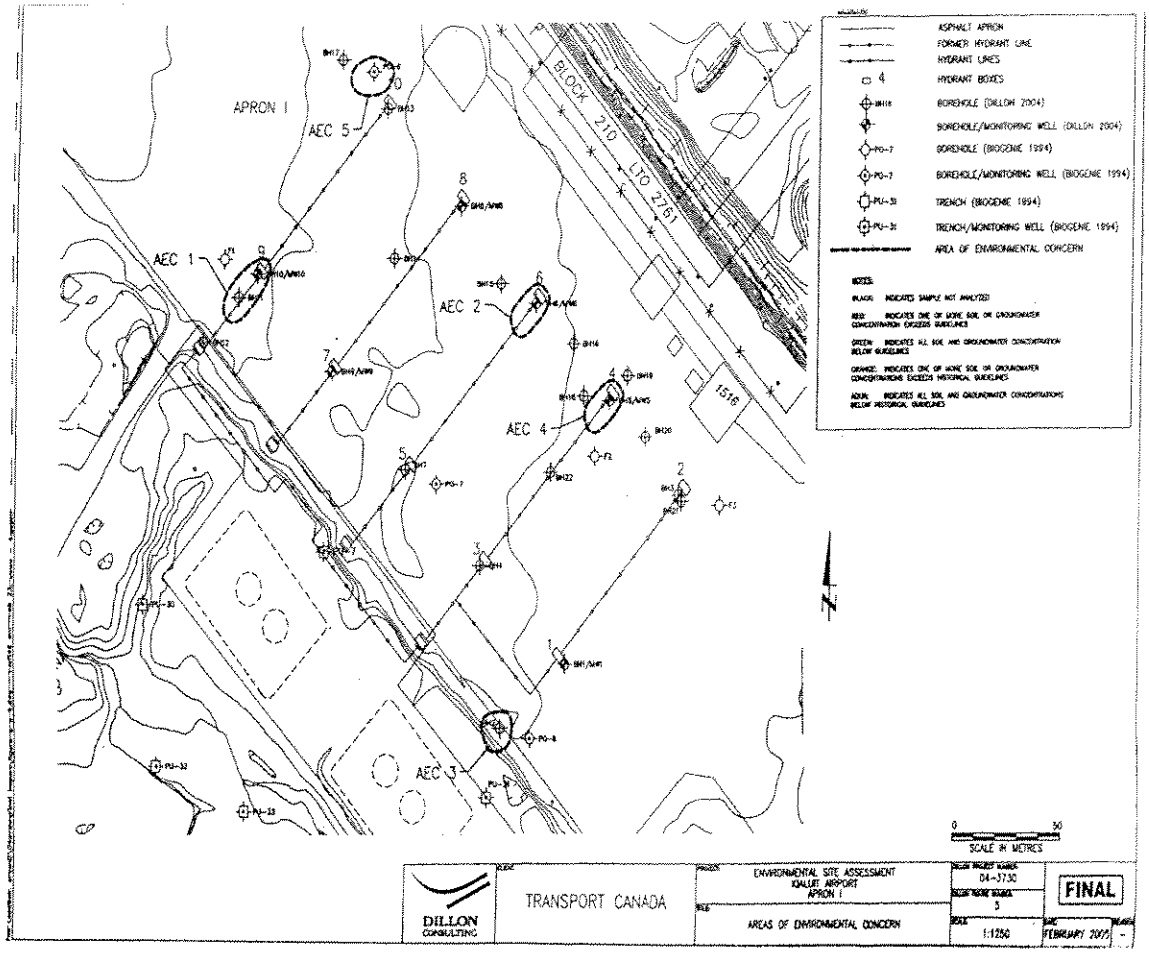
1. Insurance requirements.
2. Bid Bond
3. Submission of the Plan of Operation, which addresses safety and security according to regulatory requirements.
4. A detailed list of projects and experience that reflects the contractor and assigned personnel are qualified for the project.
5. A detailed list of three projects describing previous liner installation experience.
6. Equipment list.

Iqaluit Airport Apron I Soil Remediation and Hydrant System Removal
SELECTION CRITERIA

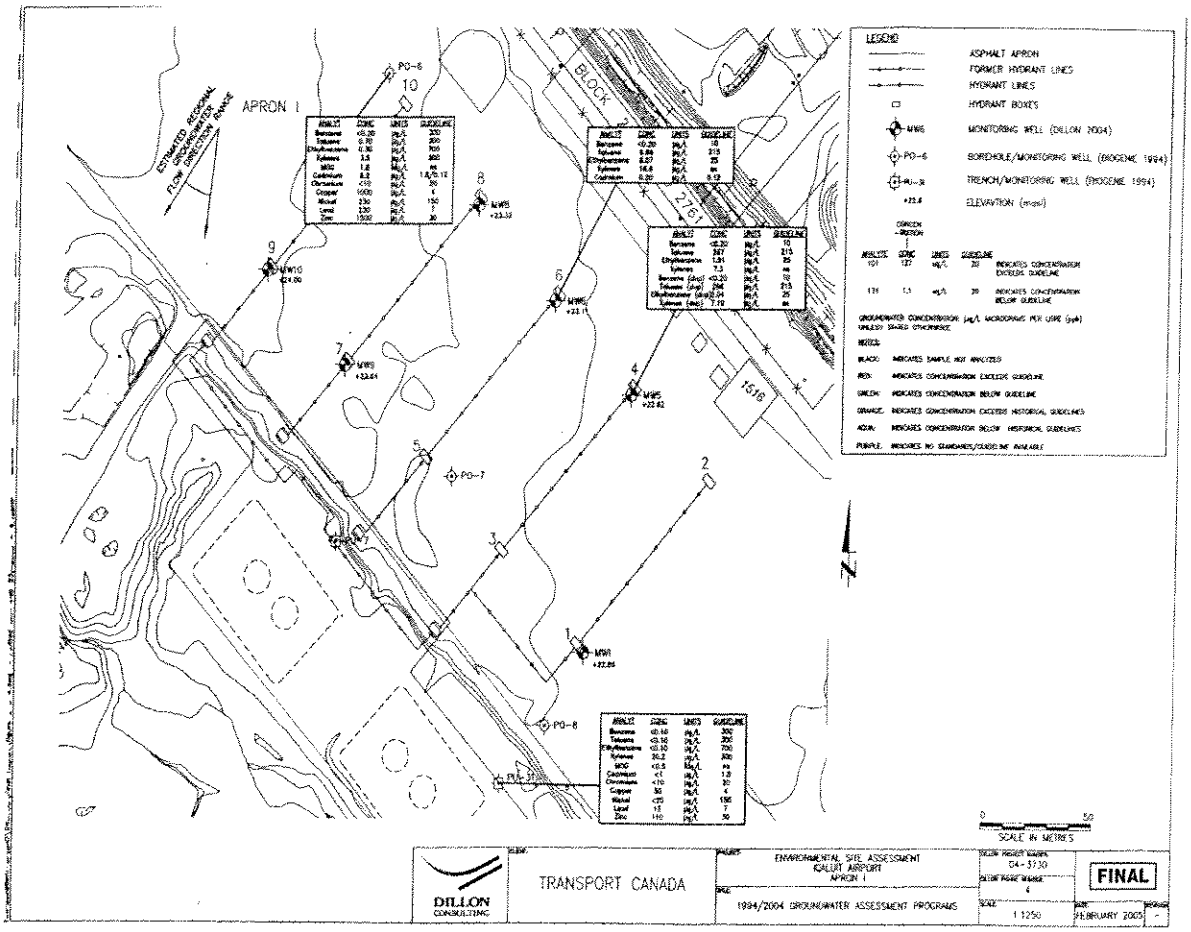
Rated Requirements	Element Weight Factor	Criterion Weight Factor	Rating
1. Capability to accomplish the project		**40**	
Qualification and experience of the firm including the sub-contractor, if any	15		
Qualification and experience of the site supervisor	10		
Qualification and experience of the firm in regards to liner installation	10		
Qualification and experience of the other personnel	5		
2. Methodology		**40**	
Quality and Appropriateness of: Work Plan	20		
Plan of Operation to address Health and safety	10		
Environmental and Erosion Control Plan	10		
3. Quality of Proposal		**5**	
4. Appropriateness of the equipment to be used		**5**	
5. Cost Assessment will be based on the following formula: Lowest Proposed Cost x 10 points Proposed Cost Only those proposals rating 70% (over 63 of the 90 points available for technical evaluation, Items 1-4) will be considered for evaluation		**10**	
	TOTAL	**100**	

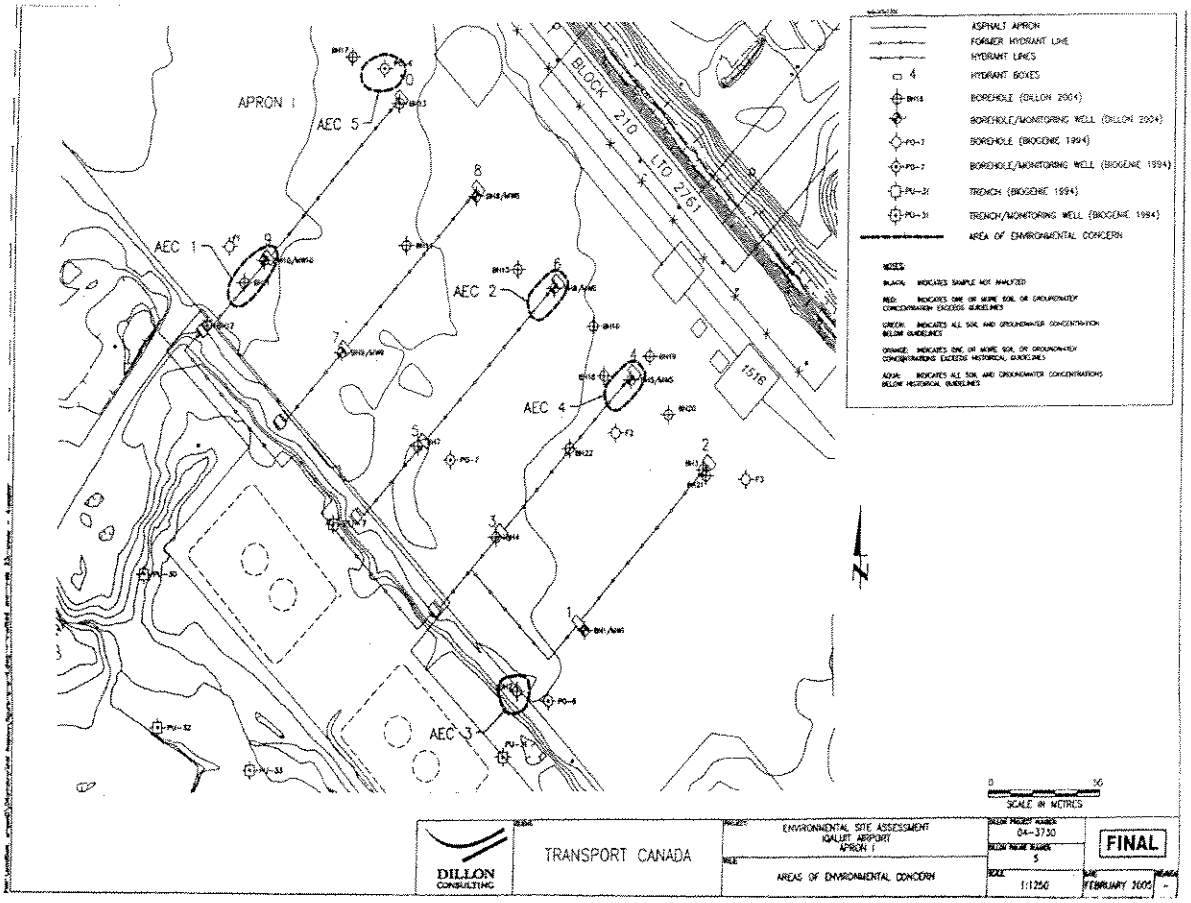
Annex A

Iqaluit Apron I Abandoned Hydrant System and Contaminated Soil Borehole Logs



DILLON CONSULTING	TRANSPORT CANADA	ENVIRONMENTAL SITE ASSESSMENT IQALUIT AIRPORT APRON I	DILLON PROJECT NUMBER: 04-3730 FINAL
		AREAS OF ENVIRONMENTAL CONCERN	SCALE: 1:1250 DATE: FEBRUARY 2005


APRON I
BLOCK
2761
1516
PO-6
PO-7
PO-8
MW1
MW5
MW6
MW8
MW9
MW10
ESTIMATED REGIONAL GROUNDWATER FLOW DIRECTION RANGE
LEGEND
ASPHALT APRON
FORMER HYDRANT LINES
HYDRANT LINES
HYDRANT BOXES
MONITORING WELL (DILLON 2004)
BOREHOLE/MONITORING WELL (EXOGENIC 1994)
TRENCH/MONITORING WELL (EXOGENIC 1994)
ELEVATION (masl)
INDICATES CONCENTRATION EXCEEDS GUIDELINE
INDICATES CONCENTRATION BELOW GUIDELINE
GROUNDWATER CONCENTRATION (µg/L MICROGRAMS PER LITRE (ppb) UNLESS STATED OTHERWISE
NOTES:
BLACK: INDICATES SAMPLE NOT ANALYZED
RED: INDICATES CONCENTRATION EXCEEDS GUIDELINE
GREEN: INDICATES CONCENTRATION BELOW GUIDELINE
ORANGE: INDICATES CONCENTRATION EXCEEDS HISTORICAL GUIDELINES
AQUA: INDICATES CONCENTRATION BELOW HISTORICAL GUIDELINES
PURPLE: INDICATES NO STANDARDS/GUIDELINE AVAILABLE
SCALE IN METRES
DILLON CONSULTING
TRANSPORT CANADA
ENVIRONMENTAL SITE ASSESSMENT
GAULT AIRPORT
APRON I
1994/2004 GROUNDWATER ASSESSMENT PROGRAMS
04-3930
4
FINAL
1:1250
FEBRUARY 2005



DILLON CONSULTING

TRANSPORT CANADA

PROJECT: ENVIRONMENTAL SITE ASSESSMENT IQALUIT AIRPORT APRON 1

TITLE: AREAS OF ENVIRONMENTAL CONCERN

DILLON PROJECT NUMBER: 04-3730

DILLON FIGURE NUMBER: 5

SCALE: 1:1250

DATE: FEBRUARY 2005

REVISION: -

FINAL

Annex B

Location Maps and Site Plans

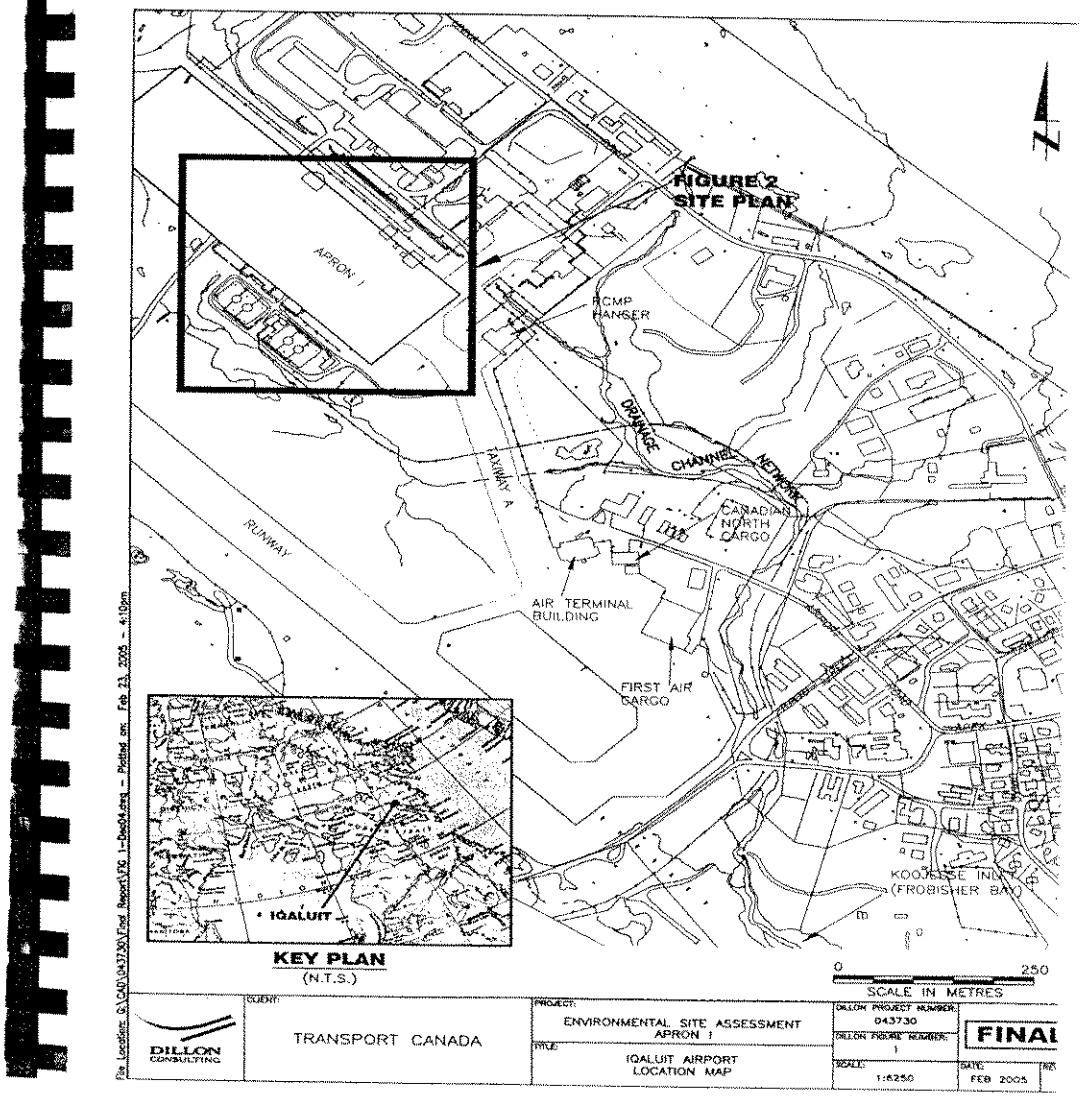
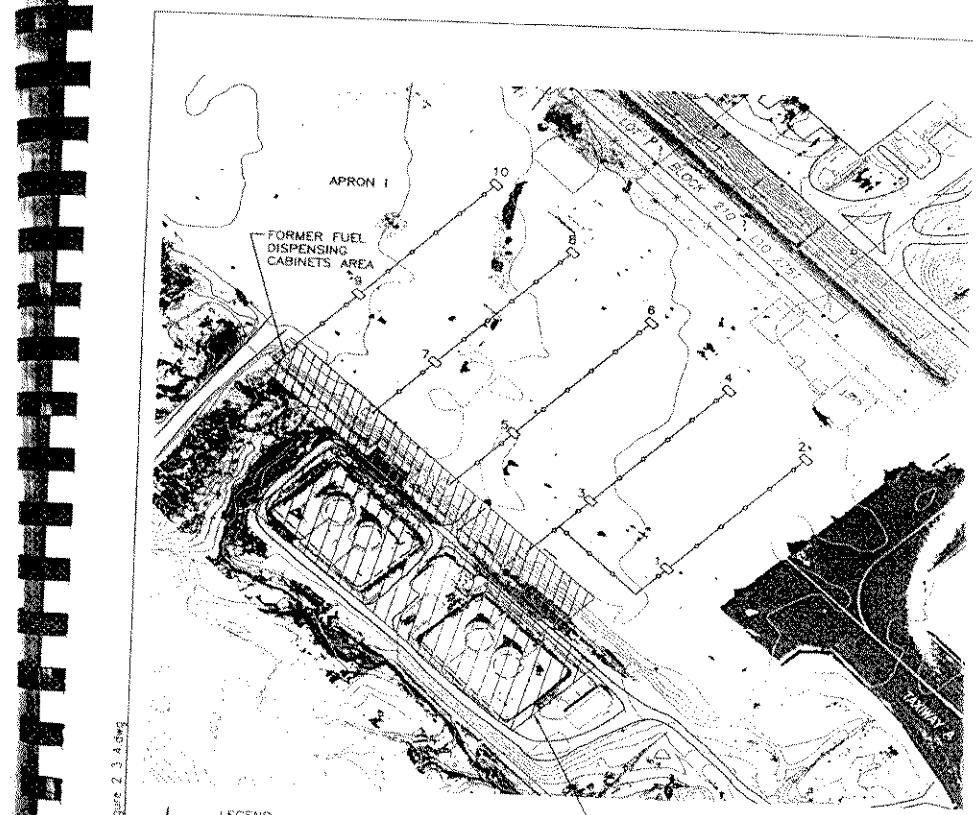


FIGURE 2
SITE PLAN
APRON 1
RCMP
HANSER
DRAINAGE
CHANNEL
NETWORK
TAXIWAY A
RUNWAY
CANADIAN
NORTH
CARGO
AIR TERMINAL
BUILDING
FIRST AIR
CARGO
KOOJESSE INLET
(FROBISHER BAY)
IQALUIT
KEY PLAN
(N.T.S.)
0
250
SCALE IN METRES
DILLON CONSULTING
CLIENT:
TRANSPORT CANADA
PROJECT:
ENVIRONMENTAL SITE ASSESSMENT
APRON 1
TITLE:
IQALUIT AIRPORT
LOCATION MAP
DILLON PROJECT NUMBER:
043730
DILLON FIGURE NUMBER:
1
SCALE:
1:6250
DATE:
FEB 2005
FINAL



FILE: G:\CAD\04-1730\Final Report\figure 2-3-4.dwg

DILLON CONSULTING	CLIENT: TRANSPORT CANADA	PROJECT: ENVIRONMENTAL SITE ASSESSMENT IQALUIT AIRPORT APRON I	DILLON PROJECT NUMBER: 04-1730	FINA
		TITLE: SITE PLAN	DILLON FIGURE NUMBER: 2	
			SCALE: 1:2000	DATE: FEB 2005

Photo 1: View North-west looking at concrete structure of Hydrant 1 with Apron I located in the background

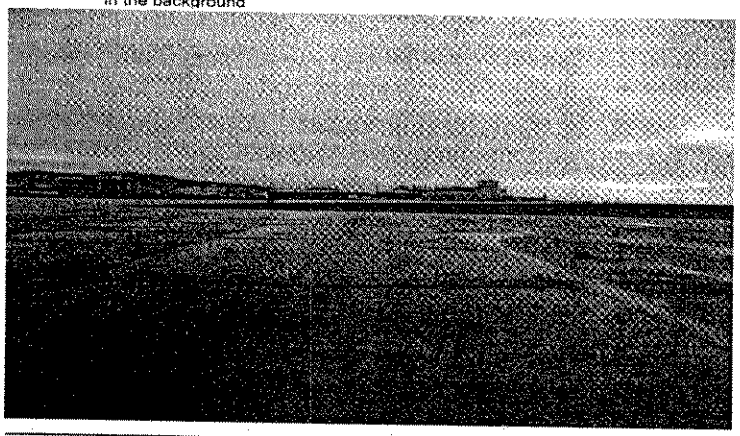


Photo 2: Apron I looking East towards the main terminal building located at far end of Taxiway 1.

DILLON CONSULTING	Enviromental Site Assessment - Apron I, Iqaluit Airport Transport Canada	PROJECT NO. 04-3730
February 2005	Iqaluit, Nunavut SITE PHOTOGRAPHS	PHOTO NOS. 1,2