Date Document	Author	Document Name	Date Filed with NWB	Date to be filed NWB	Comments/Recommendation as provided in the Report	Valid Y/N	Rejected	Already Implemented	Potential for Implementation	Date Implemeted or Proposed	Information Needed	Proponent Comments
Water Use												
[format: old to newest]												
1985	OMM	Municipality of Frobisher Bay - Improvements to Frobisher Bay Water Supply (Proj. No. 84-4508)	2-Dec-04		NA	☑ Yes ☐ No	☐	☐	☐	NA		
1995	OMM	Municipality of Iqaluit- Improvements to Lake Geraldine Water Storage Earth & Concrete Work	2-Dec-04		NA	☑ Yes ☐ No	☐	☐	☐	NA		
1995	OMM	Municipality of Iqaluit - Improvements to Lake Geraldine water Storage Rock Anchors	2-Dec-04		NA	☑ Yes ☐ No	☐	☐	☐	NA		
3-Feb-03	EarthTech	Iqaluit Water Treatment Plant Dwgs: 55524 (Dwg. series A, C, E, I, M, P, S and Electrical/Instrumentation OM Dwgs, Mechanical OM Dwgs, Process OM Dwgs, Plot styles, OM Documents)	2-Dec-04		NA	☐ Yes ☑ No	☐	☐	☐	Sept-Dec 2004	Record Drawings(as builts) August 2004 need to be submitted.	Works substantially completed. Not valid dwgs are tender dwgs. Town to confirm if as-builts submitted.
7-Jan-04	Dillon	Lake Geraldine Dam Safety Inspection PO No. 018967			1. Undertake Dam Safety Inspection DSI 2004	☑ Yes ☐ No	☐	☑	☐	early 2005		
					2. Assess repair performance	☑ Yes ☐ No	☐	☑	☐	early 2005		
					3. Complete remaining outstanding items identified in 2001 DSR: (complete non-compliance requirements fo S. 3 and 4 of the DSR)	☑ **Yes** ☐ **No**	☐	☐	☑			
					a. Permanent File	☐ Yes ☑ No	☐	☐	☑	End summer 2006		Dam Schdedules to be raised 2005/2006
					b. OM and Surveillance Manual	☐ Yes ☑ No	☐	☐	☑	End summer 2006		
					c. Logbook	☐ Yes ☑ No	☐	☐	☑	End summer 2006		
					e. Emergency Preparedness Plan	☐ Yes ☑ No	☐	☐	☑	End summer 2006		
					4. Upgrade embankment portion of the dam- engineering design is required prior to implementation.	☐ Yes ☑ No ☐ Yes ☐ No	☐ ☐	☐ ☐	☑ ☐	End summer 2006		
Mar-02	Earth Tech	Water Treatment Plant Pre-Design Brief (Proj. No. 49745)	11-Mar-04		Final Design 2002 Construction complete 2003	☐ Yes ☑ No	☐	☑	☐	Mar-04	same record dwgs as above to be provided.	Works completed some information may not be valid as-constructed
Mar-02	Trow	Iqaluit Water and Sanitation Study Dwgs - Existing Water Distribution System (MP 14882a-W1)	5-Aug-04			☑ Yes ☐ No	☐	☐	☑	Next 5-10 years		Dwgs may be slightly out of date due to ongoing development w/in city.
May-02	Trow	Water and Sewer Study	5-Aug-04			☑ Yes ☐ No	☐	☐	☐			
May-02	Trow	Water and Sewer Study Technical Annex	5-Aug-04		1. Population and Demand: accurate recording of population and consumption or both piped and trucked services continue.	☑ Yes ☐ No	☐	☑	☐	ongoing		
					2. Raw Water Supply and Storage: Detialed watershed study be undertaken immediately and study be undertaken on expanding the raw water storage capacity.	☑ Yes ☐ No	☐	☐	☑	Completion end summer 2006		
					3. Water Treatment and Storage: treated water storage capacity be upraded by the year 2003 and City re-evaluate fire storage allowance during the next treated water storage upgrade.	☑ Yes ☐ No	☐	☐	☑	completion end summer 2007		

					4. Water Distribution: Recommend City in conjunction with local fire dpartment continue to test the fire flows and that a large diameter watermain be extended to the airport if fire flows are to be improved in this area.	☑ Yes ☑ No	☑	☑	☐			fire flow testing completed. Extension not currently planned
					5. Freeze Protection: recommend boiler and pump capacity be reevaluated prior to a major expansion to determine if additional capacity will be required.	☑ Yes ☐ No	☐	☑	☐	completed for every expansion (i.e 3X)		
					6. Sewage Collection System: recommend that the ability of the sewage collection system to meet demands be reviewed as development advances.	☑ Yes ☐ No	☐	☐	☑	ongoing		upgrade lift station no.1
					7. Access Vaults and Manholes: Recommend regularly review of the Avs and MHs be conducted and that the inventory be maintained and updated.	☑ Yes ☐ No	☐	☑	☐	regularly updated		
					8. Infilling and Redevelopment: Recommend that this phasing [four phase of piped services is proposed and proposed extension] proceed in sequence.	☑ Yes ☐ No	☐	☑	☐	ongoing		Area 1 not being developed; Area 2 being developed this year (2005).
					9. Potential Development Areas: Future devleopment will require major infrastructure to be connected to the existing system. (i.e. Road to Nowhere)	☑ Yes ☐ No	☑	☐	☐			No current plans for Road to Nowhere.
Apr-04	Trow	City of Iqaluit Raw Water Supply and Storage Review	19-Aug-04		1. City should establish a monitoring protocol in the short term whereby snow accumulation and yearly ppt trend recorded then reviewed and impacts on water supply are forecasted. Based on this sinofrmation, total spring runoff from the contributing basin can be estimated and subsequent action to supplement this runoff can be established if required. Water level fluctuations in the reservoir should also be closely monitoirng in conjunction with preceipitation data and consumption records.	☑ Yes ☐ No	☐	☐	☑	2007/2008		
					2. Preliminary design of works to address storage needs via raising of the dam should begin immediately.	☑ Yes ☐ No	☐	☑	☐	Dec-04		Prelim design work completed.
					3. Preliminary design of works required to address reservoir refill should begin immediately.	☑ Yes ☐ No	☐	☑	☐	4-Dec		
					4. The City must consult w/DFO at the preliminary design stage to confirm issues to be addressed regarding withdrawal location and transmission pathway.	☑ Yes ☐ No	☐	☐	☑	unknown		
Waste Disposal					5. Begin preparing interim temporary works installed to address short-term refill needs following the preferred Alternative selected in this report.	☑ Yes ☐ No	☐	☐	☑	unknown		
Sewage Lagoon					6. At the preliminary design stage, the city should review recent population and consumption rates and compare them witht eh findings of this report.	☑ Yes ☐ No	☐	☑	☐	Dec-04		
					7. During the preliminary design stage,a detailed review of dam structural stability and maximum height must be completed. As well the City must consult the Department of DFO regarding downstream impacts related to impoundment.	☑ Yes ☐ No	☐	☑	☑	Dec-04		Stability assessmetn done 2004; Consultation with DFO pending.

					8. Consider excavation of fill material from within Lake Geraldine for purposes of damming and dyking to maximize storage capacity within the reservoir.	☐ Yes ☑ No	☑	☐	☐			Pass history likely not a preferred option.
					9. promote public awareness of the importance of water conservation to reduce growth in demand.	☑ Yes ☐ No	☐	☑	☐	ongoing		Development restriction for new subdivision (Plateau)
(Review date: October 1, 2001)	Trow	City of Iqaluit Dam Safety Review for Lake Geraldine Dam (Proj. No. MU1512BC)	29-Oct-04		1.Structure should have a Dam Safety Inspection DSI conducted in 2002 preferably by Mid Oct. The summary writtten report would form a permanent record document to be included in the Permanenet Record File.	☑ Yes ☐ No	☐	☐	☐	Dsi completed but Permanent record not.		
					2. An underwater inspection, assessemnt, and detialed reporting of the submerged structures should be considered in 2002.I This inspection should be coordinated with Item 1 above. Underwater inspections should be carried out with at least the same frequency as DSR (i.e every 7 yrs).	☑ **Yes** ☐ **No**	☐	☑	☐	2002		Video
					3. The embankment portion of the dam does not meet the DSG(s. 5&8). Recommeded that provision be made for the design of repairs, which should be implemented in 2002. Repairs would likely include flattening of upstream slopes.	☑ **Yes** ☐ **No**	☐	☐	☑	Summer 2006		
					4. The dam in non-compliant with DSG (s. 3 &4) following documetns need to e developed and maintained:	☐ Yes ☐ No	☐	☐	☐	Same as above		
					a. Permanent File	☐ Yes ☐ No	☐	☐	☐	Same as above		
					b. OM and Surveillance Manual	☐ Yes ☐ No	☐	☐	☐	Same as above		
					c. Logbook	☐ Yes ☐ No	☐	☐	☐	Same as above		
					d. Emergency Preparedness Plan.	☐ Yes ☐ No	☐	☐	☐	Same as above		
					5. Conduct a Dam Saety Review by the year 2009	☑ Yes ☐ No	☐	☐	☑	2009		If no raises or changes to infrastructure of the dam.
2-Dec-67	DND	Water Supply Line- [utilador] 1/10	1-Nov-04			☑ Yes ☐ No	☐	☐	☐			
16-Feb-05	CAI	Lake Geraldine Dam Iqaluit, Nunavut Dam Safety Inspection (Proj. No. 04-1166)	16-Feb-05		1. Preparation of required Operation and safety Manual, Emergency Preparedness Plan, Logbook and permanent File remains delinquent repeated non-compliance 2002, 2003, 2004. Steps should be taken to address this issue.	☑ Yes ☐ No	☐	☐	☑	2006		
					2. Undertake next DSI prior to October 2005	☑ Yes ☐ No	☐	☐	☑	Summer 2005		
					3.Reassess the performance of the 2003 crack injection program as part of the 2005 DSI.	☑ Yes ☐ No	☐	☐	☑	Summer 2005		
					4. Upgrade the embankment portion of the dam in 2005 as recommended in previous DSI - engineering design required prior to implementation	☑ Yes ☐ No	☐	☐	☑	Summer 2006		
					5. The ground upwelling at eh south end of the dam, noted in previous DSI reports, is still present, as evidence by an ice outcropping at eh location of leakage. This leakage should be reviewed in the summer of 2005 and if deemed necessary, repaired by excation and injection in the fall of 2005.	☑ Yes ☐ No	☐	☐	☑	Summer 2005/2006		

					6. The proposed dam raising project anticipated for summer 2005 will necissitate a new DSR. DSR recommended within first year after construction; in the interim the DSI recommended for later this year should note and summarize construction activities.	☑ Yes ☐ No	☐	☐	☐	Summer 2007		
Jun-99	HM-OMM & Trow	Iqaluit Water Reclamation Facility Plant Outfall Dwg.(MD13153A-PP2)	Unknown			☑ Yes ☐ No	☑	☐	☐			
?	?	Lake Geraldine Dam Repairs City of Iqaluit	Unknown		[Overview of progress towards proposed dam repairs: 2003 design and tender to Dillon; Construction contract to Bellai Bros Ltd.]	☑ Yes ☐ No	☐	☑	☐		GN requested clarification of author etc.	City to provide clarification.
Mar-05	Trow	Preliminary Design Report-Expansion of Raw Water Storage	NA	13-May-05							Documents to post to ftp for distribution ot parties	Commitment to provide made at pre-hearing
Mar-05	Trow	Geotechnical Investigation Lake Geraldine Reservoir	NA	13-May-05							Documents to post to ftp for distribution ot parties	Commitment to provide made at pre-hearing