

**Supplemental information to the FOX-C, at Ekalugad Fiord, Water Approval
Application March 2006**

Attachments Index

1. Summary table of changes
2. Appendix
 - i. *Health and Safety Plan, Clean Up and Camp Service, FOX-C Dew Line Site, Ekalugad Fjord Project*, Qikiqtaaluk Corporation, December 2005
(Abbreviation H&S)
 - ii. *Archaeological Impact Assessment, FOX-C DEW Line Site Remediation Program, Permit 05-028A*, Prepared for Jacques Whitford Limited by FMA Heritage Consultants Inc., October 2005 .
NOTE: Translation of the summary is provided in the appendix
(Abbreviation AA)
 - iii. UMA Sewage Lagoon Design Memo dated January 12, 2006 and construction drawing.
QC Grey and Black water management prior to lagoon installation
(Abbreviation SEW)
 - iv. Qikiqtaaluk Corporation letter *Supplemental Information from Nunavut Water Board* dated November 30, 2005.
(Abbreviation SI)
 - v. Qikiqtaaluk Corporation letter, *List of Subcontractors* dated November 30, 2005.
(Abbreviation SL)
 - vi. Qikiqtaaluk Corporation Year 2 and Year 3 project schedules.
(Abbreviation PS)
 - vii. *Proposed Potable Water System, As Part of the Remediation of the FOX-C Intermediate DEW Line Site*, Qikiqtaaluk Corporation, January 2006.
(Abbreviation PW)
 - viii. PWGSC Memo *FOX-C Site Observations and Agreements* dated January 13, 2006
(Abbreviation SV)

- ix. *Screening of the Proposed Site Remediation at the Former FOX-C DEW Line Site at Ekalugad Fjord, Nunavut*, Jacques Whitford, March 31, 2005
(Abbreviation SC)
- x. A) UMA Design Brief Letter dated January 16, 2006
B) UMA Issued For Construction Site Restoration Drawings (C01 to C16 and S1 to S5)
C) QC Design Drawings for the waste processing area (4)
(Abbreviation Design)
- xi. *Proposed Road Upgrade Plan, For the cleanup of the FOX-C Intermediate DEW Line Site*, Qikiqtaaluk Corporation, January 2006.
(Abbreviation RU)
- xii. Department of Fisheries and Oceans letter dated May 4, 2005.
(DFO)
- xiii. Environmental Protection Plan - Removal Of Fuel Drums Within Watershed And Culvert Installation, PWGSC.
(Abbreviation EEP)
- xiv. Natural Environment of The FOX-C DEW Line Site, Ekalugad Fjord, Baffin Island, Jacques Whitford, October 2004.
(Abbreviation NE)
- xv. Heavy Equipment List
(Abbreviation EL)
- xvi. Land Farm Application Follow-up Information
(Abbreviation LF)
- xvii. Consultations With Government of Nunavut Department of Environment
(Abbreviation CG)
- xviii. FOX-C Emissions comments
(Abbreviation EMM)
- xix. Monitoring Plans
 - Table 1: FOX-C Sample, and Quality Control, Quality Assurance Plan
 - Confirmatory and long term monitoring

Summary Table: Supplemental Information and Modifications to the Water Use Application

Application Section	Mod.	Add.	Details of Modification or Addition	Document	Appendix Section in this submission
7. Quantity of Water involved (Application)	x		An average of 40 people (maximum of 47 persons) will be present at the camp during the work season, plus occasional visitors using 200 L/person/day.	UMA Lagoon Design Rationale	iii
			Work seasons are estimated to last approximately 105 days in 2006 and 77 days in 2007. Season duration may vary depending on weather	QC Project Schedule	vi
8 Waste		x	Provides construction details and justification for the landfills and landfarm proposed to be constructed at FOX-C.	UMA Design Brief and Construction drawings	x
				QC Waste Processing Area Design	x
				LF	xvi
10. Predicted environmental impacts of undertaking and proposed mitigation measures		x	Plans to repair the badly eroded existing road up the mountain and the construction plan	<i>Proposed Road Upgrade Plan, For the cleanup of the FOX-C Intermediate DEW Line Site, Qikiqtaaluk Corporation, January 2006.</i>	xi
				Fisheries Letter of Authorization	xii
				EMM	xviii
				Operational, confirmatory and long term monitoring	xix
			Monitoring Plans		

Application Section	Mod.	Add.	Details of Modification or Addition	Document	Appendix Section in this submission
12 Contractors and Subcontractors		x	Qikiqtaaluk Corporation (QC) has been awarded the restoration and camp supply contracts. QC has provided a letter detailing all of their sub consultants.	QC Letter - <i>List of Subcontractors</i>	v
13 Studies Undertaken		x	No archaeological or historic sites were identified during the archeological assessment of the site. No further study was recommended	Archaeological Impact Assessment	ii
		x	Natural conditions at the site were documented to better anticipate potential fisheries issues and other issues relating to the flora and the fauna at the site.	Natural Environment of The FOX-C DEW Line Site, Ekalugad Fjord, Baffin Island, Jacques Whitford, October 2004.	xiv
		x	Discussions with Government of Nunavut	GN	xvii
Questionnaire					
6. Type of Camp		x	The camp will be seasonally occupied from June to October in 2006 and from July to October in 2007.	QC Project Schedule	vi
7. Camp Population	x		A maximum of 47 or an average of 40 persons will use the camp during work season, plus occasional visitors.	QC Letter - <i>Supplemental Information from Nunavut Water Board</i>	lv
			The duration of the field season will range from 105 days in 2006 to 77 days in 2007. Season duration dependant on the weather	QC Project Schedule	Vi
9 & 10 Camp Location		x	Camp location was based primarily on site conditions encountered in 2005 following mobilization.	PWGSC Memo - FOX-C Site Observations and Agreements	viii

Application Section	Mod.	Add.	Details of Modification or Addition	Document	Appendix Section in this submission
11 Project Location			Site restoration activities will be completed on Crown Land (Land Use Permit #N2005X0009) and on Inuit Owned Land (Exemption #Q05XX17)	Not Applicable	Not Applicable
23, 24, 25 Spill Contingency Planning	x		Updated Spill Contingency Plan prepared by QC	QC Health and Safety Plan, Appendix 6	i
26, 28, 29, 30 Water Supply and Treatment		x	QC has prepared a plan detailing the potential water sources and a description of the water treatment system present at FOX-C construction camp	QC Proposed Potable Water System	vii.
27 Water Demand		x	200 Litres per person per day.	UMA Lagoon Design Rationale	iii
31 Water Storage		x	The camp is equipped with a 32,000 litre cylindrical steel tank with inner surfaces coated with a polymeric liner. A mobile polyethylene tank (15,645 L capacity) has been installed on a roll-off platform to transport water from the source to the camp	QC Letter - Supplemental Information from Nunavut Water Board, Response .11	iv
32 a Sewage		x	Camp sewage will be directed to an on-site lagoon for treatment	UMA Lagoon Design Rationale	iii
32 b Grey Water		x	Camp grey water will be directed to an on-site lagoon for treatment	UMA Lagoon Design Rationale	iii
33 Incinerator		x	Provided details on the incineration system present at FOX-C	QC Letter - Supplemental Information from Nunavut Water Board Response .13	iv
35 Dimensions of sumps		x	Lagoon details provided in UMA design brief	UMA Lagoon Design Rationale	iv
37 Water and cold climate		x	Water treatment system contained within the camp trailers and sewage lagoons have been used successfully at numerous DND DEW Line sites	QC Proposed Potable Water System and UMA Lagoon Design Rationale	iii and iv

Application Section	Mod.	Add.	Details of Modification or Addition	Document	Appendix Section in this submission
38 Abandonment		x	Site restoration activities to return the site to preconstruction conditions where possible.	Environmental Screening of the Proposed Site Remediation at the Former FOX-C DEW Line Site at Ekalugad Fjord, Nunavut Section 6.15	ix