

Table 1. Sample Location Summary - 2002 and 2003, Contaminated Sites Water Monitoring Program - East Nunavut

Station	Descriptor	Sample ID [*] (duplicate)	Matrix	Northing ^{**}	Easting	Elevation (m AMSL)	GPS Instrument Error (m)	Location Description
Fox E	Durban Island	FE-GW-1 ¹	Perched	7440135	535554	100	± 5	downgradient (S) of Dump D in muskeg
Fox E	Durban Island	FE-GW-2 ²	Perched	7440352	535626	117	± 5	NW of Dump B in muskeg
Fox E	Durban Island	FE-GW-3 ²	Perched	7439469	535623	10	± 4	downgradient of drums on slope to beach mossy area, at RRM 25
Fox E	Durban Island	FE-GW-4 ¹	Groundwater	7439452	535537	(4 or 5 visual)	± 4	in channel down slope of west side of fuel tank pad rocky in channel, sandy beach
Fox E	Durban Island	FE-SW-1 ¹	Perched Groundwater	7440142	535569	100	± 5	ponded water downgradient (S) of Dump D in muskeg goose droppings in and around pond
Fox E	Durban Island	FE-SW-2 ¹	Surface Water	7440276	535676	127	± 6	main drainage channel at base of mountain, south side rocky, downgradient of Dump D, near barrel
Fox E	Durban Island	FE-SW-3 ¹	Surface Water	7440471	535595	140	± 6	fast flowing water main drainage channel at base of mountain, south side rocky, upgradient of Dump D, at vertical drop
Fox E	Durban Island	FE-SW-4 ¹	Surface Water	7441933	538891	174	± 5	fast flowing water down slope of Dump A on bench, multiple channels in muskeg, sandy bottom, seep water, shallow, fast flowing
Fox E	Durban Island	FE-SW-5 ²	2002 Background Surface Water	7439423	535361	4	± 6	drainage channel about 200 m west of tank pad
Fox E	Durban Island	FE-SW-6 ³	Surface Water replacement for FE GW-3	7439470	535627	4 or 5 as measured at FE-GW-3		fast flowing shallow channel downgradient of drums on slope to beach, mossy area
Fox E	Durban Island	FE-SW-7 ³	2003 Background	7439848	534647	91		incised fast flowing shallow channel draining elevated land to west of site
Fox C	Ekalugad Fjord	FC-GW-1 ¹	Perched Groundwater	7625341	513667	11	± 6	downgradient of drum dump at west end of marine beach, muskeg area
Fox C	Ekalugad Fjord	FC-GW-2	Perched Groundwater	7625793	514080	5.5 (visual)	± 7	downgradient of fuel tanks, west side of pipe to marine muskeg area
Fox C	Ekalugad Fjord	FC-GW-3	Perched Groundwater	7625809	514084	4 (visual)	± 6	downgradient of fuel tanks, east side of pipe to marine muskeg area, drive point only went in half-way
Fox C	Ekalugad Fjord	FC-SW-1 ¹	Surface Water	7625911	517698	174	± 5	main drainage channel downgradient of main dump and sewage outfall flat, mossy area, iron precipitate, some drums fast flowing shallow water
Fox C	Ekalugad Fjord	FC-SW-2 ¹	Surface Water	7623017	516914	380	± 6	drainage area down slope of drum storage areas south side of road
Fox C	Ekalugad Fjord	FC-SW-3 ¹	Surface Water	7623207	516809	391	± 5	rocky, shallow fast flowing water drainage channel north side of road rocky, flowing water
Fox C	Ekalugad Fjord	FC-SW-4 ¹	Surface Water	7622850	513368	28	± 4	downgradient of drum storage area "Freshwater Lake" at mouth of drainage channel base of glacier silty water, sandy bottom, fish in 2002

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Fox C	Ekallugad Fjord	FC-SW-5 ¹	Surface Water 2003 discharging subsurface water	7623602	513577	59.2	± 6	drainage channel from barrel dump north side of road to "Freshwater Lake" very shallow, low flow
Fox C	Ekallugad Fjord	FC-SW-6 ¹ (FC-SW-11 ³)	Surface Water	7625331	513671	13.5	± 5	west end of marine beach at base of drum dump
Fox C	Ekallugad Fjord	FC-SW-7 ¹	Surface Water	7625808	514091	5	± 6	mossy area, ponded water downgradient of fuel tanks, east side of pipe to marine beach, mossy area
Fox C	Ekallugad Fjord	FC-SW-8 ²	2002 Background	7625260	512870		± 7	west side of river, ponded water
Fox C	Ekallugad Fjord	FC-SW-10 ³	2003 Background Surface Water	7625325	511700	37		west side of Freshwater Lake, shallow drainage channel, drains elevated land on west side of river, mossy area
Padloping Island	Padloping Island	PI-SW-1 ¹	Surface Water	7435868	513117	0	± 4	Ponded water at eastern drum site area
Padloping Island	Padloping Island	PI-SW-2 ¹	Surface Water	7435946	511753	36.1	± 4	drainage channel southeast of kitchen fast flowing water, at ESG 65 marker
Padloping Island	Padloping Island	PI-SW-3 ¹	Surface Water	7436043	511742	40.4	± 5	ponded water south of weather station, beside road road covered in metal shavings mossy area
Padloping Island	Padloping Island	PI-SW-4 ¹	Surface Water	7435968	511647	39.3	± 4	ponded water downgradient of maintenance shed, west of accommodations building, muskeg area
Padloping Island	Padloping Island	PI-SW-5 ¹	Surface Water	7436009	511678	38.1	± 4	ponded water southwest of generator building, stained soil, possible sheen in 2002
Padloping Island	Padloping Island	PI-SW-6 ¹	Surface Water	7435981	511694		± 6	ponded water downgradient of maintenance shed and generator building, organics
Padloping Island	Padloping Island	PI-SW-7 ¹	Surface Water	7435889	511647	37.3	± 5	downgradient of old generator building
Padloping Island	Padloping Island	PI-SW-8 ¹	Surface Water	7435640	511633	21.5	± 5	ponded water downgradient of metal dump
Padloping Island	Padloping Island	PI-SW-9 ¹	Surface Water	7435535	511759	7.3 (1 visual)	± 3	ponded water downgradient of western drum site area
Padloping Island	Padloping Island	PI-SW-10 ²	2002 Background	7436635	509972	24.7	± 4	background, lake northwest of site
Padloping Island	Padloping Island	PI-SW-11 ³	2003 Background Surface Water	7436166	512303	38.1		ponded water within muskeg area between original site and main site
Cape Christian	Cape Christian	CC-GW-1 ²	Perched Groundwater	7824489	526382	4.2	± 6	ditch along west edge of airstrip, downgradient of airstrip fuel tanks, sandy
Cape Christian	Cape Christian	CC-SW-1 ²	Surface Water	7824771	526157	7	± 6	ponded water east side of main station building sandy area
Cape Christian	Cape Christian	CC-SW-1R ³	Surface Water	7824841	526221			77 m downstream of CC-SW-1, downstream of second channel, silty bottom
Cape Christian	Cape Christian	CC-SW-2 ²	Surface Water	7824767	526111		± 6	drainage channel southeast of fuel tanks sandy area, previous soil sample hole, stained soil hydrocarbon odor
Cape Christian	Cape Christian	CC-SW-2R ³	Surface Water	7824784	526117			small channel 17.5 m downstream of CC-SW-2 oil sheen, iron precipitates
Cape Christian	Cape Christian	CC-SW-3 ¹	Surface Water	7824845	525977	17.4	± 4	large pond downgradient of fuel tanks to north muskeg area



Surface water samples were grab samples obtained by immersing the sample bottle (or a bottle with no preservative) directly in the water body facing upstream. If the depth of the water body was insufficient for sample collection, the water body was deepened and the disturbed sediment was allowed to settle prior to sampling. Table 2 summarizes the sample collection methods used. Care was taken to minimize disturbance of the substrate to collect samples free of sediment.

Table 2. 2003 Sample Collection Method

Sample ID	Sampling Method	Sample ID	Sampling Method
FE-GW-1	dug hole/pumped	PI-SW-2	grab sample
FE-GW-4	drive point/pumped	PI-SW-3	grab sample
FE-SW-1	grab sample	PI-SW-4	grab sample
FE-SW-2	grab sample	PI-SW-5	grab sample
FE-SW-3	grab sample	PI-SW-6	grab sample
FE-SW-4	grab sample	PI-SW-7	grab sample
FE-SW-6	grab sample	PI-SW-8	grab sample
FE-SW-7	grab sample	PI-SW-9	grab sample
FC-GW-1	drive point/pumped	PI-SW-11	grab sample
FC-SW-1	grab sample	CC-SW-1R	grab sample
FC-SW-2	grab sample	CC-SW-2R	dug hole/grab
FC-SW-3	grab sample	CC-SW-3	grab sample
FC-SW-4	grab sample	CC-SW-4 (CC-SW-5)	grab sample
FC-SW-5	grab sample	CC-SW-6	grab sample
FC-SW-6 (FC-SW-11)	grab sample	CC-SW-7	grab sample
FC-SW-7	grab sample	CC-SW-10	grab sample
FC-SW-10	grab sample	CC-SW-11R	grab sample
PI-SW-1	grab sample		

Perched groundwater samples were collected from drive-point piezometers or shallow dug holes as indicated in Table 2. Disturbed sediments were allowed to settle prior to sample collection. Water was collected through Teflon tubing using a peristaltic pump outfitted with Silicon tubing in the pump head. All tubing was changed between sampling locations to minimize the potential for cross-contamination. Samples collected for metals and mercury were filtered using an in-line 0.45 micron filter.

**Table 3. QA/QC Results
Contaminated Sites Water Monitoring Program - East Nunavut**

Sample ID	Date	Cadmium µg/L	Cobalt µg/L	Chromium µg/L	Copper µg/L	Iron µg/L	Mercury µg/L	Manganese µg/L	Nickel µg/L	Lead µg/L	Zinc µg/L
Field Blanks											
FE-SW-8	19-Aug-03	<0.1	<0.1	38.9	<0.2	<30		0.2	0.5	0.2	<10
FC-SW-12	21-Aug-03	<0.1	<0.1	1	<0.2	<30	<0.05	0.2	<0.1	0.1	<10
PI-SW-12	20-Aug-03	<0.1 [<0.1]	<0.1 [<0.1]	<0.3 [<0.3]	0.4 [<0.2]	<30	<0.05	0.1 [<0.1]	<0.1 [<0.1]	1.3 [<0.1]	<10 [<10]
CC-SW-13	18-Aug-03	<0.1	<0.1	<0.3	<0.2	32	<0.05	0.2	<0.1	<0.1	<10
Travel Blanks											
FE-TB	19-Aug-03	<0.1	<0.1	1.5	<0.2	<30		0.1	<0.1	0.9	<10
FC-TB	21-Aug-03	<0.1	<0.1	0.6	<0.2	<30		<0.1	<0.1	1	<10
PI-TB	20-Aug-03	<0.1	<0.1	1.5	0.3	<30		0.1	0.3	0.8	<10
CC-TB	18-Aug-03	<0.1	<0.1	1.5	6.7	<30		0.3	<0.1	1.3	10
Duplicate Samples											
FC-SW-6 (FC-SW-11)	21-Aug-03	<0.1 (<0.1)	0.3 (0.3)	2.3 (0.6)	2.6 (2.4)	515 (458)	<0.05	5.1 (6.2)	2.5 (2.6)	1.3 (0.5)	<10 (10)
CC-SW-4 (CC-SW-5)	18-Aug-03	<0.1 (0.1)	1.3 (1.3)	3 (2.7)	3.1 (7.4)	6.830 (5.436)	<0.05 (<0.05)	389 (371)	1.2 (1.2)	2.5 (1.6)	12 (14)

Note: () indicates results of duplicate analysis

[] indicates results of laboratory duplicate analysis



Gartner Lee

Table 3. QA/QC Results
Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Date	Total PCB µg/L	Petroleum Hydrocarbons			Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	m/p-Xylenes µg/L	o-Xylenes µg/L
			C ₆ -C ₁₀ µg/L	C ₁₀ -C ₁₆ µg/L	C ₁₆ -C ₃₄ µg/L					
Field Blanks										
FE-SW-8	19-Aug-03		<2	<5	<5	<2	<2	<2	<4	<2
FC-SW-12	21-Aug-03		<2	<5	9	<2	<2	<2	<4	<2
PI-SW-12	20-Aug-03		<2	<5	<5	<2	<2	<2	<4	<2
CC-SW-13	18-Aug-03	0.04	<2	81	996	<2	<2	<2	<2	<2
Travel Blanks										
FE-TB	19-Aug-03	<0.02	<2	<5	<5	<2	<2	<2	<2	<2
FC-TB	21-Aug-03	0.04		<5	<5					
PI-TB	20-Aug-03	<0.02	<2 [<2]	<5	<5	<2 [<2]	<2 [<2]	<2 [<2]	<4 [<4]	<2 [<2]
CC-TB	18-Aug-03	0.09	<2 [2]	5	19	<2 [<2]	<2 [<2]	<2 [<2]	<2 [<2]	<2 [<2]
Duplicate Samples										
FC-SW-6 (FC-SW-11)	21-Aug-03	<0.02 (<0.02)	<2 (<2)	<5 (8)	6 (<5)	<2 (<2)	<2 (<2)	<2 (<2)	<4 (<4)	<2 (<2)
CC-SW-4 (CC-SW-5)	18-Aug-03	<0.02 (<0.02)	<2 (<2)	2,760 (774)	627 (202)	<2 (<2)	<2 (<2)	<2 (<2)	<4 (<4)	<2 (<2)

Note: () indicates results of duplicate analysis
[] indicates results of laboratory duplicate analysis

**Table 5. Sample Description and Field Measurements
Contaminated Sites Water Monitoring Program - East Nunavut**

Sampling Location	Date Sampled	Sample Description	Depth of Sample (m)	Water Temperature (°C)	pH	Electrical Conductivity (µS/cm)
FE-GW-1	22-Sep-02	silty	0.0-0.3	2.2	6.16	51
	19-Aug-03	very silty	0.15-0.3	5.1	6.67	60.6
FE-GW-2	22-Sep-02	very silty	0.03-0.4	5.0	6.04	70
	19-Aug-03	dry				
FE-GW-3	22-Sep-02	clear	0.2-0.4	5.5	6.30	130
	19-Aug-03	replaced with FE-SW-6				
FE-GW-4	22-Sep-02	silty, duplicate FE-GW-5	0.0-1.1	5.8	6.82	184
	19-Aug-03	silty	0.0-1.1	6.5	6.75	174.8
FE-SW-7	19-Aug-03	clear, colourless, background	surface	3.6	7.35	53.1
FE-SW-5	22-Sep-02	clear, background	surface	5.4	6.62	26
FE-SW-1	22-Sep-02	clear, thin ice cover	surface	2.5	6.26	45
	19-Aug-03	clear, colourless	surface	6.1	7.27	60.5
FE-SW-2	22-Sep-02	clear	surface	3.1	6.37	19
	19-Aug-03	clear, colourless	surface	4.5	7.26	34.0
FE-SW-3	22-Sep-02	clear	surface	2.2	6.35	18
	19-Aug-03	clear, colourless	surface	4.3	7.31	349
FE-SW-4	22-Sep-02	clear	surface	1.3	6.75	14
	19-Aug-03	clear, colourless	surface	2.3	7.17	4.01
FE-SW-6	19-Aug-03	clear, colourless	surface	6.2	6.23	65.5
FC-GW-1	23-Sep-02	clear	0.1-0.5	NM	NM	NM
	21-Aug-03	clear	0.06-0.72	3.7	6.78	1124
FC-SW-10	22-Aug-03	clear, background	surface	7.5	6.56	103.9
FC-SW-8	23-Sep-02	clear, background	surface	5.1	6.82	1922
FC-SW-1	23-Sep-02	clear	surface	3.2	5.32	13
	21-Aug-03	clear, colourless	surface	8.4	7.68	17.84
FC-SW-2	23-Sep-02	clear	surface	0.3	5.15	19
	21-Aug-03	clear, colourless	surface	5.3	4.94	25.8
FC-SW-3	23-Sep-02	clear	surface	0.4	5.63	44
	21-Aug-03	clear, colourless	surface	5.8	4.40	44.3
FC-SW-4	23-Sep-02	clear	surface	4.8	5.60	12
	21-Aug-03	silty, some sand, organics	surface	6.5	5.17	50.7
FC-SW-5	23-Sep-02	silty	surface	5.6	4.21	121
	21-Aug-03	some sand, organics	surface	9.0	5.68	26.1
FC-SW-6	23-Sep-02	clear	surface	5.7	7.05	315
	21-Aug-03	clear, duplicate FC-SW-11	surface	7.3	7.51	534
FC-SW-7	23-Sep-02	clear	surface	4.6	5.96	220
	21-Aug-03	clear	surface	7.2	7.10	324
PI-SW-11	20-Aug-03	slightly yellow, organics, background	surface	4.0	6.73	18.58
PI-SW-10	24-Sep-02	clear	surface	3	5.97	10
PI-SW-1	22-Sep-02	clear	surface	3.3	7.05	6
	20-Aug-03	clear, colourless	surface	4.1	3.83	20.6
PI-SW-2	24-Sep-02	clear	surface	2.9	6.16	45
	20-Aug-03	clear, yellow	surface	3.3	6.70	30.0

**Table 5. Sample Description and Field Measurements
Contaminated Sites Water Monitoring Program - East Nunavut**

Sampling Location	Date Sampled	Sample Description	Depth of Sample (m)	Water Temperature (°C)	pH	Electrical Conductivity (µS/cm)
PI-SW-3	24-Sep-02	clear	surface	2.9	7.58	92
	20-Aug-03	clear, colourless	surface	3.3	7.15	54.4
PI-SW-4	24-Sep-02	clear	surface	2.9	6.65	47
	20-Aug-03	clear, yellow	surface	3.2	6.99	56.8
PI-SW-5	24-Sep-02	clear	surface	3.2	6.19	82
	20-Aug-03	yellow, organics	surface	4.2	5.80	644
PI-SW-6	24-Sep-02	clear	surface	2.9	6.70	103
	20-Aug-03	slightly yellow, organics	surface	3.2	5.86	127.6
PI-SW-7	24-Sep-02	silty	surface	2.8	6.71	70
	20-Aug-03	clear, yellow	surface	3.5	6.82	150.8
PI-SW-8	24-Sep-02	clear	surface	2.7	6.90	24
	20-Aug-03	clear, yellow	surface	3.7	5.83	37.6
PI-SW-9	24-Sep-02	silty	surface	2.9	5.70	27
	20-Aug-03	colourless, organics	surface	4.1	5.72	52.1
CC-GW-1	26-Sep-02	silty	0.1-0.8	1.5	5.99	126
CC-SW-12	18-Aug-03	clear, colourless, background	surface	9.8	7.62	75.2
CC-SW-1	25-Sep-02	clear	surface	3.4	6.87	80
	18-Aug-03	dry				
CC-SW-1R	18-Aug-03	silty	surface	12.3	6.52	540
CC-SW-2	25-Sep-02	clear	surface	2.8	6.51	76
	18-Aug-03	dry				
CC-SW-2R	18-Aug-03	silty, orange on organics	surface	9.1	5.95	136.2
CC-SW-3	25-Sep-02	clear	surface	2.8	7.00	248
	18-Aug-03	clear, colourless	surface	11.3	6.90	510
CC-SW-4	25-Sep-02	silty, duplicate CC-SW-5	surface	1.9	6.70	294
	18-Aug-03	silt, yellow, PHC odour, duplicate CC-SW-5	surface	10.6	6.62	460
CC-SW-6	25-Sep-02	silty	surface	2.4	6.23	214
	18-Aug-03	clear, brownish yellow	surface	12.7	6.07	452
CC-SW-7	25-Sep-02	clear	surface	2.6	6.77	87
	18-Aug-03	clear, colourless	surface	6.7	7.45	113.7
CC-SW-8	26-Sep-02	silty	surface	1.7	5.52	87
	18-Aug-03	dry				
CC-SW-9	26-Sep-02	clear	surface	1.4	5.27	61
CC-SW-10	26-Sep-02	silty	surface	2.4	6.61	59
	18-Aug-03	colourless, organics	surface	10.9	7.43	113.9
CC-SW-11	26-Sep-02	silty	surface	2	6.34	122
	18-Aug-03	dry				
CC-SW-11R	18-Aug-03	clear, colourless	surface	10.8	7.47	115.6

Notes: **Bold** indicates 2003 background sample
 NM indicates parameter not measured
 PHC indicates petroleum hydrocarbon

Table 6. Analytical Results: PCB and Petroleum Hydrocarbons - Perched Groundwater Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Sampling Date	PCB Congeners			Total PCB $\mu\text{g/L}$	Petroleum Hydrocarbons			Benzene $\mu\text{g/L}$	Toluene $\mu\text{g/L}$	Ethylbenzene $\mu\text{g/L}$	m/p-Xylenes $\mu\text{g/L}$	o-Xylenes $\mu\text{g/L}$
		Cl-4 total $\mu\text{g/L}$	Cl-5 total $\mu\text{g/L}$	Cl-6 total $\mu\text{g/L}$		C ₆ -C ₁₀ $\mu\text{g/L}$	C ₁₀ -C ₁₆ $\mu\text{g/L}$	C ₁₆ -C ₃₄ $\mu\text{g/L}$					
Drinking Water Quality ¹									5 MAC ²	24 AO	2.4 AO	300 AO	
	22-Sep-02	<0.001	<0.001	0.010		<25	<50	<50					
	19-Aug-03				<0.02	4	<5	6	<2	<2	<2	<2	<2
	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	84					
	22-Sep-02	<0.001	<0.001	<0.001		<25	51	50					
FE-GW-1	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
FE-GW-2	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
FE-GW-3	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
FE-GW-4 (FE-GW-5)	22-Sep-02	<0.001 (<0.001)	<0.001 (<0.001)	<0.001 (<0.001)		<25 (<25)	<50 (<50)	<50 (<50)					
FE-GW-4	19-Aug-03					<2	6	17	<2	<2	<2	<2	<2
FC-GW-1	23-Sep-02					<25	72	100					
	21-Aug-03					<2	<5	123	<2	<2	<2	<4	<2
CC-GW-1	25-Sep-02	<0.001	0.010	0.010		570	8400	490					

- Notes:
1. Drinking Water Quality refers to *Guidelines for Canadian Drinking Water Quality*, Federal-Provincial Subcommittee on Drinking Water, March 2001
 2. MAC = maximum acceptable concentration; AO = aesthetic objective
 3. () indicates results of duplicate analysis
 4. Shaded record indicates values exceed QA/QC value of 7 $\mu\text{g/L}$ for petroleum hydrocarbons C₆-C₃₄ or CCME Criterion



Table 7. Analytical Results: Metals - Perched Groundwater - Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Sampling Date	Cadmium µg/L	Cobalt µg/L	Chromium µg/L	Copper µg/L	Iron µg/L	Mercury µg/L	Manganese µg/L	Nickel µg/L	Lead µg/L	Zinc µg/L
Drinking Water Quality ¹		5 MAC ²		50 MAC	1000 AO	300 AO	1 MAC	50 AO		10 MAC	5000 AO
FE-GW-1	22-Sep-02	<1	<1.0	1	6	40	<0.2	3	1	<1	10
	19-Aug-03	<0.02 [<0.02]	0.288 [0.278]	0.3 [0.14]	1.6 [2.7]	189	<0.05	11.2 [11.4]	2.5 [2.5]	0.78 [0.92]	3.5 [5.1]
FE-GW-2	22-Sep-02	<1	4	5	9	210	<0.2		100	7	10
FE-GW-3	22-Sep-02	<1	<1.0	2	2	210	<0.2	9	2	<1	<10
FE-GW-4 (FE-GW-5)	22-Sep-02	<1 (<1)	7 (1.0)	25 (7)	21 (5)	210	<0.2 (<0.2)		22 (5)	5 (<1)	50 (10)
FE-GW-4	19-Aug-03	0.02	0.155	0.6	3.82	<0.03	<0.05	1	2.36	2.97	7.1
FC-GW-1	21-Aug-03	0.1	0.3	2.4	3.8		<0.05	8.8	2.7	1	<10
CC-GW-1	25-Sep-02						<0.2				

Notes:

1. Drinking Water Quality refers to *Guidelines for Canadian Drinking Water Quality*, Federal-Provincial Subcommittee on Drinking Water, March 2001
2. MAC =maximum acceptable concentration; A= Aesthetic objective
3. () indicates results of duplicate analysis
4. [] indicates results of laboratory duplicate analysis
5. Shaded record indicates value exceeds CCME criterion



Table 8. Analytical Results: PCB and Petroleum Hydrocarbons - Surface Water - Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Sample Date	PCB Congeners			Total PCB µg/L	Petroleum Hydrocarbons			Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	m/p-Xylenes µg/L	o-Xylenes µg/L
		Cl-4 total µg/L	Cl-5 total µg/L	Cl-6 total µg/L		C ₆ -C ₁₀ µg/L	C ₁₀ -C ₁₆ µg/L	C ₁₆ -C ₃₄ µg/L					
CCME Criteria ¹													
FE-SW-7 ²	19-Aug-03				<0.02	<2	<5	<5	370	2.0	90	<2	<2
FE-SW-5 ³	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
FE-SW-1	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	19-Aug-03				<0.02	<2	<5	<5	<2	<2	<2	<2	<2
FE-SW-2	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	19-Aug-03				<0.02	<2	<5	5	<2	<2	<2	<2	<2
FE-SW-3	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	19-Aug-03				<0.02	<2	<5	<5	<2	<2	<2	<2	<2
FE-SW-4	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
FE-SW-6	19-Aug-03				<0.02	<2	<5	<5	<2	<2	<2	<2	<2
FE-SW-10	19-Aug-03				0.12	<2	<5	14	<2	<2	<2	<2	<2
FC-SW-8	21-Aug-03					<25	<50	<50					
FC-SW-1	23-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	21-Aug-03				<0.02	<2	<5	9	<2	<2	<2	<4	<2
FC-SW-2	23-Sep-02	<0.001	<0.001	<0.001		<25	<50	130					
	21-Aug-03				<0.02	<2	<5	6	<2	<2	<2	<4	<2
FC-SW-3	23-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	21-Aug-03				<0.02	<2	<5	160	<2	<2	<2	<4	<2
FC-SW-4	23-Sep-02	<0.001	<0.001	<0.001		<25	<50	63	<2 [<2]	<2	<2	<4	<2
	21-Aug-03				<0.02	<2	<5	37					
FC-SW-5	23-Sep-02												
	21-Aug-03				<0.02	<2	<5	<5	<2	<2	<2	<4	<2
FC-SW-6	23-Sep-02	<0.001	<0.001	<0.001		<25	140	<50					
FC-SW-6 (FC-SW-11)	21-Aug-03				<0.02	<2	<5	6	<2	<2	<2	<4	<2
FC-SW-7	23-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	21-Aug-03				<0.02	<2	<5	8	<2	<2	<2	<4	<2
PI-SW-11	21-Aug-03				<0.02	<2 [<2]	<5	9	<2	<2	<2 [<2]	<4 [<4]	<2
PI-SW-10	24-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
	22-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
PI-SW-1	21-Aug-03				<0.02	<2	<5	5	<2	<2	<2	<4	<2
	24-Sep-02	<0.001	<0.001	<0.001		<25	<50	79					
PI-SW-2	21-Aug-03					<2	<5	8	<2	<2	<2	<4	<2
	24-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50					
PI-SW-3	24-Sep-02	<0.001	<0.001	<0.001		<25	<50	<50	<2	<2	<2	<4	<2
	21-Aug-03				0.05	<2	142	542	<2	<2	<2	<4	<2



Table 8. Analytical Results: PCB and Petroleum Hydrocarbons - Surface Water - Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Sample Date	PCB Congeners			Total PCB µg/L	Petroleum Hydrocarbons			Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	m/p-Xylenes µg/L	o-Xylenes µg/L
		Cl-4 total µg/L	Cl-5 total µg/L	Cl-6 total µg/L		C ₆ -C ₁₀ µg/L	C ₁₀ -C ₁₆ µg/L	C ₁₆ -C ₃₄ µg/L					
CCME Criteria ¹													
PI-SW-4	24-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	<50	370	2.0	90		
	21-Aug-03					<2	<5	<5	<2	<2	<2	<4	<2
PI-SW-5	24-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	290	960	<2	<2	<2	<4	<2
	21-Aug-03					<2	130	213	<2	<2	<2	<4	<2
PI-SW-6	24-Sep-02	<0.001	<0.001	<0.001		<25	<50	110					
	21-Aug-03				<2 [<2]	<5	<5	<5	<2 [<2]	<2 [<2]	<4 [<4]	<4 [<4]	<2 [<2]
PI-SW-7	24-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	1,000	15,000	<2	<2	<2	<4	<2
	21-Aug-03					<2	114	292	<2	<2	<2	<4	<2
PI-SW-8	24-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	<50	<2	<2	<2	<4	<2
	21-Aug-03				<0.02	<2	10	27	<2	<2	<2	<4	<2
PI-SW-9	24-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	<50	<2	<2	<2	<4	<2
	21-Aug-03				<0.02	<2	<5	5	<2	<2	<2	<4	<2
CC-SW-12	18-Aug-03				<0.02	<2	30	146	<2	<2	<2	<4	<2
CC-SW-1	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	200	560	<2	<2	<2	<4	<2
CC-SW-1R	18-Aug-03				<0.02	<2	829	258	<2	<2	<2	<4	<2
CC-SW-2	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	120	<2	<2	<2	<4	<2
CC-SW-2R	18-Aug-03	<0.001	<0.001	<0.001	<0.02	4	11,800	283	<2	<2	<2	<4	<2
CC-SW-3	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	81	<2	<2	<2	<4	<2
	18-Aug-03					<2	<5	9	<2	<2	<2	<4	<2
CC-SW-4	25-Sep-02	<0.001	<0.001	<0.001		<25	3,600	670					
CC-SW-5		<0.001	<0.001	<0.001		<25	(2,800)	(610)					
CC-SW-4	18-Aug-03				<0.02	<2	2,760	627	<2	<2	<2	<4	<2
CC-SW-5					<0.02	<2	(774)	(202)	<2	<2	<2	<4	<2
CC-SW-6	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	1,400	1,600	<2	<2	<2	<4	<2
	18-Aug-03				<0.02	<25	477	830	<2	<2	<2	<4	<2
CC-SW-7	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	<50	<2	<2	<2	<4	<2
	18-Aug-03				<0.02	<2	<5	20	<2	<2	<2	<4	<2
CC-SW-8	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	260	220	<2	<2	<2	<4	<2
CC-SW-9	25-Sep-02	<0.001	<0.001	<0.001		<25	660	370					
CC-SW-10	25-Sep-02	<0.001	<0.001	<0.001	<0.02	<25	<50	<50	<2	<2	<2	<4	<2
	18-Aug-03				<0.02	4	731	277	<2	<2	<2	<4	<2
CC-SW-11	25-Sep-02	0.020	0.040	0.010	<0.02	<25	90	73	<2	<2	<2	<4	<2
CC-SW-11R	18-Aug-03				<0.02	<2	6	27	<2	<2	<2	<4	<2

Notes:

1. Canadian Water Quality Guidelines for the Protection of Aquatic Life, Canadian Council of Ministers of the Environment (CCME), updated 2001

2. **Bold** Sample ID indicates 2003 background sample3. **Bold** and in *italics* Sample ID indicates 2002 background sample

4. () indicates results of duplicate analysis

5. [] indicates results of laboratory duplicate analysis

6. Shaded record indicates values exceed QA/QC value of 7 µg/L for petroleum hydrocarbons C16-C34 or CCME Criterion

Table 9. Analytical Results: Metals - Surface Water - Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Sample Date	Cadmium µg/L	Cobalt µg/L	Chromium µg/L	Copper µg/L	Iron µg/L	Mercury µg/L	Manganese µg/L	Nickel µg/L	Lead µg/L	Zinc µg/L
CCME Criteria ¹		0.017			2	300	0.1		25	1	30
FE-SW-7 ²	19-Aug-03	<0.1	<0.1	1.3		41	<0.05	0.7	0.2		<10
FE-SW-5 ³	22-Sep-02	<10	<10	<10	<10	60	<0.2	<5	<10	<10	
FE-SW-1	22-Sep-02	<10	<10	40			<0.2	160	10		
	19-Aug-03	<0.1	<0.1	4.9	1.7	179	<0.05	2.3	2.7		10
FE-SW-2	22-Sep-02	<10	<10	<10	<10		<0.2	10	<10	<10	20
	19-Aug-03	<0.1	<0.1	1.5		34	<0.05	1	0.2		18
FE-SW-3	22-Sep-02	<10	<10	<10	<10	50	<0.2	<5	<10	<10	20
	19-Aug-03	<0.1 [<0.1]	<0.1 [<0.1]	2.2 [2.1]	0.6 [0.47]	38	<0.05	1.7 [0.96]	0.2 [0.18]		<10 [<10]
FE-SW-4	22-Sep-02	<10	<10	<10	<10	70	<0.2	<5	<10	<10	20
	19-Aug-03	<0.1	1	2.3	1.7		<0.05	15.8	8.4	0.3	<10
FE-SW-6	19-Aug-03	<0.1	2.8	10.6			<0.05	59.1	8.6		12
FC-SW-10	21-Aug-03	<0.1	1.3	<0.3	1.6	<30	<0.05	4.5	10.6	0.7	<10
FC-SW-8	23-Sep-02	<10	<10	<10	<10			<5	<10	<10	20
FC-SW-1	23-Sep-02	<10	<10	<10	<10	60	<0.2	<5	<10	<10	10
	21-Aug-03	<0.1	0.4	<0.3	0.9	<30	<0.05	2.1	2		<10
FC-SW-2	23-Sep-02	<10	<10	<10	<10	50	0.6	<5	<10	<10	
	21-Aug-03	<0.1	1.2	<0.3	0.7	<30 [<30]	<0.05	4.9	5.9	0.9	<10
FC-SW-3	23-Sep-02	<10	<10	<10	<10	60		30	20	<10	
	21-Aug-03	<0.1 [<0.1]	1.9 [1.8]	0.4 [0.47]	1.4 [1.6]	<30	<0.05	14.6 [13.9]	12.7 [12.0]		<10 [<10]
FC-SW-4	23-Sep-02	<10	<10	<10			<0.2	30	10	<10	30
	21-Aug-03	<0.1	2.9	12.4			<0.05	44.9	12.2		18
FC-SW-5	23-Sep-02	<10	0.03	0.03				130		<10	90
	21-Aug-03	<0.1	1	4.8			<0.05	18.7	3.4		11
FC-SW-6 (FC-SW-9)	23-Sep-02	<10 (<10)	<10 (<10)	<10 (<10)	<10 (<10)			<5 (10)	<10 (10)	<10 (<10)	30 (40)
FC-SW-6 (FC-SW-11)	21-Aug-03	<0.1 (<0.1) [<0.1]	0.3 (0.3) [0.28]	2.3 (0.6) [0.53]			<0.05	5.1 (6.2) [6.3]	2.5 (2.6) [2.6]	(0.5) [0.56]	<10 (<10) [<10]
	23-Sep-02	<10	<10	20				80	<10	<10	40
FC-SW-7	21-Aug-03	<0.1	0.3	1.9			<0.05	5	2.4		<10
PI-SW-11	21-Aug-03	<0.1	<0.1	1.3	0.7		<0.05	1.8	0.7		<10
PI-SW-10	24-Sep-02	<10	<10	<10	<10	90		<5	<10	<10	20
PI-SW-1	22-Sep-02	<10	<10	<10	<10	140		<5	<10	<10	
	21-Aug-03	<0.1	<0.1	<0.3	0.4	117	<0.05	1.5	0.1		<10
PI-SW-2	24-Sep-02	<10	<10	<10			<0.2	30	<10	<10	
	21-Aug-03	<0.1	0.5	3.9			<0.05	10.7	3.5		27
PI-SW-3	24-Sep-02	<10	<10	20			<0.2	50	<10	<10	
	21-Aug-03	<0.1	1.1	2.9			<0.05	71	4.1		
PI-SW-4	24-Sep-02	<10	<10	<10			<0.2	10	<10	<10	
	21-Aug-03		1.1	8.7			<0.05	22.5	9.4		
PI-SW-5	24-Sep-02	<10	<10	<10		280		60	<10	<10	
	21-Aug-03		13.3	13.7				627	20.5		
PI-SW-6	24-Sep-02	<10	<10	<10		140		<5	<10	<10	
	21-Aug-03		0.2	2.2		148	<0.05	8.6	6		

Table 9. Analytical Results: Metals - Surface Water - Contaminated Sites Water Monitoring Program - East Nunavut

Sample ID	Sample Date	Cadmium µg/L	Cobalt µg/L	Chromium µg/L	Copper µg/L	Iron µg/L	Mercury µg/L	Manganese µg/L	Nickel µg/L	Lead µg/L	Zinc µg/L
CCME Criteria¹		0.017			2	300	0.1		25	1	30
PI-SW-7	24-Sep-02	<10	10	100			<0.2	340		60	
	21-Aug-03		0.4	3.6		217		16.2	4.7		
PI-SW-8	24-Sep-02	<10	<10	10				20	<10	<10	
	21-Aug-03		0.5	4.5			<0.05	8.9	3.6		
PI-SW-9	24-Sep-02	<10	20	170			<0.2	440			
	21-Aug-03	<0.1	0.8	2.6			0.05	35.3	2.9		18
CC-SW-12	18-Aug-03	<0.1	<0.1	1.4	0.7	200	<0.05	1.7	0.1		<10
CC-SW-1	25-Sep-02	<10	<10	<10			<0.2	60	<10	<10	
CC-SW-1R	18-Aug-03		8.6	16.8			<0.05	589	11.2		
CC-SW-2	25-Sep-02	<10	<10	<10	<10	280	<0.2	20	<10	<10	
CC-SW-2R	18-Aug-03		3.5	8.1			<0.05	207	4.9		
CC-SW-3	25-Sep-02	<10	<10	<10			<0.2	10	<10	<10	
	18-Aug-03	<0.1	0.1	2		129	<0.05	8.6	1.1	0.4	<10
CC-SW-4	25-Sep-02	<10	<10	10				320	<10	<10	
CC-SW-5		(<10)	(<10)	(20)				(310)	(<10)	(<10)	
CC-SW-4	18-Aug-03		1.3	3			<0.05	389	1.2		12
CC-SW-5			(1.3)	(2.7)			(<0.05)	(371)	(1.2)		(14)
CC-SW-6	25-Sep-02	<10	<10	50	<10			330	<10	<10	
	18-Aug-03		5.4	5.3			<0.05	456	2.8		
CC-SW-7	25-Sep-02	<10	<10	<10	<10	140	<0.2	<5	<10	<10	20
	18-Aug-03	<0.1 [<0.1]	<0.1 [<0.1]	0.6 [0.81]		210	<0.05	7.2 [7.2]	<0.1 [<0.1]	0.9 [0.99]	<10 [<10]
CC-SW-8	25-Sep-02	<10	<10	50				160	<10	10	
CC-SW-9	25-Sep-02	<10	<10	10	<10			40	<10	<10	
CC-SW-10	25-Sep-02	<10	<10	20	<10			120	<10	<10	
	18-Aug-03	<0.1	0.5	4			<0.05	15.6	2.7		
CC-SW-11	25-Sep-02	<10	<10	30				80	<10	<10	
CC-SW-11R	18-Aug-03	<0.1	0.4	1.2			<0.05	37	0.5		17

- Notes:
1. Canadian Water Quality Guidelines for the Protection of Aquatic Life, Canadian Council of Ministers of the Environment (CCME), updated 2001. Criteria shown for cadmium, copper, nickel and lead are for waters with low hardness. Low hardness values are expected based on the sources of water and geology of the sites.
 2. **Bold** Sample ID indicates 2003 background sample
 3. **Bold** and in *italics* Sample ID indicates 2002 background sample
 4. () indicates results of duplicate analysis
 5. Shaded record indicates value exceeds CCME criterion

Appendix A. 2003 Analytical Program

Sample ID	Sample Type	Field Conductivity	Field pH	Water Temperature	Total PCBs	Petroleum Hydrocarbons ¹		BTEX ²	Metals ³	Mercury
						Purgeable	Extractable			
FE-GW-1		x	x	x	x	x	x	x	x	x
FE-GW-4		x	x	x		x	x	x	x	x
FE-SW-1		x	x	x	x	x	x	x	x	x
FE-SW-2		x	x	x	x	x	x	x	x	x
FE-SW-3		x	x	x	x	x	x	x	x	x
FE-SW-4		x	x	x	x	x	x	x	x	x
FE-SW-6		x	x	x	x	x	x	x	x	x
FE-SW-7	Background	x	x	x	x	x	x	x	x	x
FE-SW-8	Field Blank	x	x	x		x	x	x	x	
FE-TB	Travel Blank	x	x	x	x	x	x	x	x	
FC-GW-1		x	x	x		x	x	x	x	x
FC-SW-1		x	x	x	x	x	x	x	x	x
FC-SW-2		x	x	x	x	x	x	x	x	x
FC-SW-3		x	x	x	x	x	x	x	x	x
FC-SW-4		x	x	x	x	x	x	x	x	x
FC-SW-5		x	x	x	x	x	x	x	x	x
FC-SW-6		x	x	x	x	x	x	x	x	x
FC-SW-7		x	x	x	x	x	x	x	x	x
FC-SW-10	Background	x	x	x	x		x		x	x
FC-SW-11		x	x	x	x	x	x	x	x	
FC-SW-12	Field Blank	x	x	x		x	x	x	x	x
FC-TB	Travel Blank	x	x	x	x		x		x	
PI-SW-1		x	x	x	x	x	x	x	x	x
PI-SW-2		x	x	x		x	x	x	x	x
PI-SW-3		x	x	x	x	x	x	x	x	x
PI-SW-4		x	x	x	x	x	x	x	x	x
PI-SW-5		x	x	x	x	x	x	x	x	
PI-SW-6		x	x	x		x	x	x	x	x
PI-SW-7		x	x	x	x	x	x	x	x	
PI-SW-8		x	x	x	x	x	x	x	x	x
PI-SW-9		x	x	x	x	x	x	x	x	x
PI-SW-11	Background	x	x	x	x	x	x	x	x	x
PI-SW-12	Field Blank	x	x	x		x	x	x	x	x
PI-TB	Travel Blank	x	x	x	x	x	x	x	x	
CC-SW-1R		x	x	x	x	x	x	x	x	x
CC-SW-2R		x	x	x	x	x	x	x	x	x
CC-SW-3		x	x	x	x	x	x	x	x	x
CC-SW-4		x	x	x	x	x	x	x	x	x
CC-SW-5		x	x	x	x	x	x	x	x	x
CC-SW-6		x	x	x	x	x	x	x	x	x
CC-SW-7		x	x	x	x	x	x	x	x	x
CC-SW-10		x	x	x	x	x	x	x	x	x
CC-SW-11R		x	x	x	x	x	x	x	x	x
CC-SW-12	Background	x	x	x	x	x	x	x	x	x
CC-SW-13	Field Blank	x	x	x	x	x	x	x	x	x
CC-TB	Travel Blank	x	x	x	x	x	x	x	x	

- Notes:
1. Petroleum hydrocarbons were analyzed as purgeable and extractable fractions. Upon request, Taiga reviewed the chromatograms of the extractable fraction and reported the concentrations for the ranges C₁₀-C₁₆ and C₁₆-C₃₄
 2. BTEX compounds are benzene, toluene, ethylbenzene, m/p xylenes and o-xylenes
 3. Metals include cadmium, cobalt, chromium, copper, iron, manganese, nickel, lead and zinc



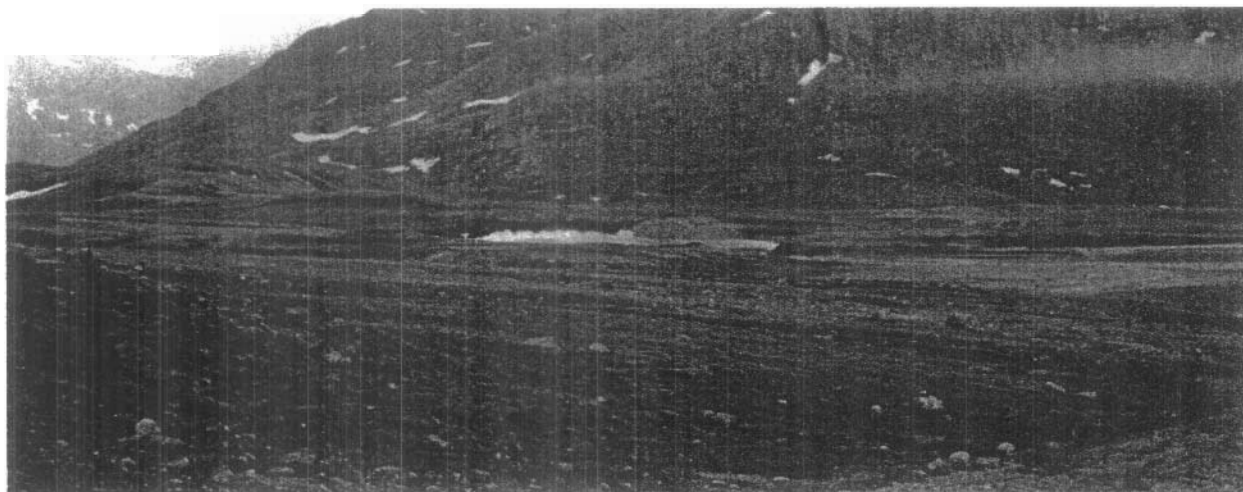
DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
INDIAN AND NORTHERN AFFAIRS CANADA



ENVIRONMENTAL PROTECTION PLAN

CLEAN UP OF EKALUGAD FJORD

FOX-C : ABANDONED DEW LINE MILITARY RADAR STATION



Prepared by:
QIKIQTAALUK CORPORATION
and
SINANNI INC.
March 2001
(Revision-1 October 2001)

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SAMPLE ID	PCB [C] (ppm)	LOCATION	SAMPLING LOCATION	COLOUR	SURFACE TYPE	NOTES
EF-PC-1	13,000	Garage	Generator / Furnace Room	Grey	Metal	
EF-PC-2	13,000	Garage	Overhead Door - Interior	Grey / Red	Metal	
EF-PC-3	6,300	Garage	Beam on East Wall	Grey	Metal	
EF-PC-4	18,200	Garage	Mezzanine Railing	Black / White	Metal	
EF-PC-5	250	Module Train	Exterior Railing at South Entrance	Beige	Wood	
EF-PC-6	460	Module Train	Exterior Door on SW Venting Annex	Red / Green	Wood	
EF-PC-7	140	Module Train	Exterior Pole at West	Red	Metal	
EF-PC-8	1,400	Module Train	Exterior Railing at North Entrance	Beige / Red	Wood	
EF-PC-9	21,000	Module Train	Halfway From South Entrance	Green / Grey / Beige	Wood	Paint Peeling
EF-PC-10	31,300	Garage	Generator Room Wall	Grey / Red	Metal	
EF-PC-11	11,000	Warehouse	Overhead Door - Interior	Grey / White	Wood	Peeling - 30% covered
EF-PC-12	10,100	Warehouse	East Man Door - Interior	Grey	Wood	Peeling - 50% covered
EF-PC-13	220	Warehouse	East Entrance Steps	White	Wood	
EF-PC-14	700	Warehouse	Interior Dividing Wall - South Side	Grey	Wood	
EF-PC-15	2,400	Warehouse	Door Frame at East Entrance	Beige	Wood	80% covered
EF-PC-16	36	POL Tanks - Upper Site	Top of Tank	Grey / Orange	Steel	
EF-PC-17	145	POL Tanks - Upper Site	Side of Tank	Grey / Orange	Steel	
EF-PC-18	134	Paint Shed	Spill on Floor	White	N/A	Shed not Painted
EF-PC-19	9,600	Duplicate	Sample EF-PC-2			
EF-PC-20	8,200	Duplicate	Sample EF-PC-12			
EF-PC-28	5.1	POL Tanks - Beach	Side of Tank	Grey / Orange	Steel	
EF-PC-29	12.7	POL Tanks - Beach	Top of Tank	Grey / Orange	Steel	
EF-PC-30	24,600	Warehouse Annex	Annex Entrance - West Wall	Beige	Cardboard / Wood	
EF-PC-31	24,300	Warehouse Annex	Entrance - Exterior Door Jam	Beige	Wood	80% covered
EF-PC-32	29,500	Warehouse Annex	West Room - North Wall	Beige	Metal Cladding	
EF-PC-33	21,100	Warehouse Annex	East Room - East Wall	Beige	Plywood	Peeling - 50% covered
EF-PC-34	1,400	Warehouse Annex	Door to Furnace Room	Grey	Meal	
EF-PC-35	42,000	Warehouse Annex	Annex Interior Door	Grey	Wood	80% covered
EF-PC-36	44,300	Module Train	Tank #3 at East End	Grey	Metal	
EF-PC-37	14,100	Module Train	Wall At Far East End	Grey	Wood	
EF-PC-38	17,000	Module Train	North Wall of Bedroom	Green	Wood	50% Peeled
EF-PC-39	28,300	Module Train	South Wall in Dining Area	Green / Beige	Wood	50% Peeled
EF-PC-40	14,900	Module Train	East Wall Storage / Laboratory Area	Light Blue	Wood	60% covered - Peeling
EF-PC-41	30,500	Module Train	East Wall Power Room	Blue / Grey	Wood	Peeling
EF-PC-42	940	Module Train	Kitchen Cabinets	White	Wood	
EF-PC-43	6,600	Module Train	Lower Diesel Tank in East Room	Grey / Black	Steel	
EF-PC-44	40	Module Train	Electrical Panels in Storage / Lab Area	Grey	Steel	
EF-PC-45	18,500	Module Train	East Wall Bathroom	Beige	Wood	
EF-PC-46	102	Module Train	North Genset in Power Room	Grey	Steel	
EF-PC-47	4,000	Garage	Ceiling	Grey / Red	Metal Cladding	
EF-PC-48	94	Garage	Barrel Outside Overhead Door	Red / White	Steel	
EF-PC-49	4,530	Garage	Plywood Peg Board	Yellow	Wood	Area Approx. 7 m^2
EF-PC-50	97	POL Tanks - Upper Site	Tank #2 - Top	Grey / Orange	Steel	
EF-PC-51	11.2	Fuel Pump House	Door	Grey	Metal	Building Collapsed
EF-PC-52	36	POL Tanks - Upper Site	Tank #2 - Side	Grey / Orange	Steel	
EF-PC-53	7.5	POL Tanks - Beach	East Tank - Side	Grey / Orange	Steel	
EF-PC-54	14	POL Tanks - Beach	East Tank - Top	Grey / Orange	Steel	
EF-PC-55	14,700	Duplicate	Sample EF-PC-38			
EF-PC-56	21,000	Duplicate	Sample EF-PC-41			
EF-PC-57	5.3	Duplicate	Sample EF-PC-53			

Note: colours listed are from exterior coating to interior coating

EKALUGAD FJORD (FOX-C) CONTAMINATION SAMPLES

SAMPLE NUMBER	LOCATION	SAMPLING LOCATION	COLOUR	TYPE OF SURFACE	NOTES
EF-IM-1	Garage	Flue Pipe in Furnace Room	Pinkish	Pipe Wrap	2 ft Long, 1 ft OD, Metal Grating Present in Insulation
EF-IM-2	Garage	Heating Pipe from Furnace Room	White	Pipe Wrap	Square Pipe 1ft x 1ft x 12 ft long
EF-IM-5	Module Train	Floor of Kitchen		Floor Tile	
EF-IM-6	Module Train	Dining Area	White	Door Insulation	Collected From Decomposing Door On Floor
EF-IM-7	Module Train	Kitchen H2O Pipes	Grey	Pipe Wrap	
EF-IM-8	Module Train	Bathroom Pipes		Pipe Layered	Length = 5 times length of the building with a 10" OD
EF-IM-9	Module Train	Generator Room	White	Pipe Wrap	
EF-IM-11	Warehouse	Furnace Flue Pipe	Grey	Pipe Wrap	
EF-IM-12	Warehouse	Warehouse Annex		Floor Tile	15 ft Long, 10" OD
					20 m*2 tiled

Note: furnace room is covered in asbestos wall board