TABLE 4-1

SAMPLE ANALYSES SUMMARY
CANOL PUMPSTATION J
MILE POST 1285.5, ALASKA HIGHWAY

AREA	SURFACE SOIL/SEDIMENT							SUBSURFACE SOIL							WATER					
	GRO (AK 101)	DRO (AK 102)	RRO (AK 103)	Pest/PCB (CLPAS OLM03.1)	VOC (CLPAS OLM03.1)	SVOC (CLPAS OLM03.1)	TAL Metals (CLPAS ILM04.0)	GRO (AK 101)	DRO (AK 102)	RRO (AK 103)	Pest/PCB (CLPAS OLM03.1)	VOC (CLPAS OLM03.1)	SVOC (CLPAS OLM03.1)	TAL Metals (CLPAS ILM04.0)	GRO (AK 101)	DRO (AK 102)	Pest/PCB (CLPAS OLM03.1)	VOC (CLPAS OLM03.1)	SVOC (CLPAS OLM03.1)	TAL Metals (CLPAS ILM04.0)
Pump Station Complex																				
Gas fill/debris area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Oil filter area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Drum bunker 1	1	1	1	1	1	1	1													
Drum bunker 2	1	1	1	1	1	1	1													
Electric facility area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Garage area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Pump station area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Debris South of the Highway																				
Building debris area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
engines/pumps/drum area	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
AST Pads																				
Lower pad	1	1	1					1	1	1										
Upper pad	1	1	1					1	1	1										
Water Well																				
															1	1	1	1	1	1
Wetlands																				
Pond	1	1	1	1	1	1	1								1	1	1	1	1	1
North of highway	1	1	1	1	1	1	1								1	1	1	1	1	1
South of highway	1	1	1	1	1	1	1								1	1	1	1	1	1
Tetlin NWR	1	1	1	1	1	1	1								1	1	1	1	1	1
Background																				
Ridge	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
Upgradient wetland	1	1	1	1	1	1	1								1	1	1	1	1	1
Subtotal Samples																				
	17	17	17	15	15	15	15	10	10	10	8	8	8	8	6	6	6	6	6	6
QA/QC																				
Trip Blank	5				5										2			2		
Rinsate[a]															2	2	2	2	2	2
MS/MSD[b]	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Samples																				
	22	17	17	15	20	15	15	10	10	10	8	8	8	8	12	10	10	12	10	10

AK = Alaska
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
CLPAS = Contract Laboratory Program Analytical Service.
MS/MSD = Matrix Spike/Matrix Spike Duplicate
Pest/PCB = Chlorinated Pesticides/Polychlorinated Biphenyls
SVOC = Semivolatile organic compounds
QA/QC = Quality Assurance/Quality Control.
VOC = Volatile organic compounds

[a] 1 rinsate per 20 samples per nondedicated devices (1 hand auger; 1 van veen sampler).

[b] 1 MS/MSD per 20 samples per matrix. No extra volume is required for soil/sediment samples. Triple volume is required for aqueous organic analyses and double volume is required for aqueous inorganic analyses.