



June 28th, 2006

Chief Administrative Officer
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

RE: Water License NWB1JER0410 Monthly SNP Report – May 2006

General

During the month of May 2006, JER-SW1, JER-SW3, and JER-SW4 were collected as part of the Surveillance Network Program associated with Water License NWB1JER0410. Please find in Appendix A, thermistor locations on the East and West Dams and their respective readings in Table 3.

Results

A) Water Sampling and Analysis Results

1. Table 1 provides the results for samples related to the SNP sampling requirements for the month of May 2006.

B) Flow and Volume Measurements

1. Table 2 provides a breakdown of flow and volume measurements and solid material moved as required under Part K, Item 12 and 13 of the water license. Volumes of treated sewage effluent reporting to the PKC are provided in a calculated value. The flow meter within the Waste Water Treatment Plant is not functioning properly a replacement meter has been ordered.

Regards,

Cheryl Wray
Environmental Supervisor

Harold Gates
Operations Manager

Cc: George Taptuna, DIAND Land Use Inspector

Table 1. May Water Chemistry

Sample ID	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW4	5/29/2006	Acidity-W	4	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW4	5/29/2006	Al-MetDWMS	0.023	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW4	5/29/2006	Al-MetTWMS	0.166	mg/L (ppm)	0.0025	APHA 3030E/3125B	Aluminum
JER-SW4	5/29/2006	NH3-PW	1.53	mg/L (ppm)	0.01	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW4	5/29/2006	SB-MetDWMS	0.0004	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW4	5/29/2006	Sb-MetTWMS	0.00029	mg/L (ppm)	0.00005	APHA 3030E/3125B	Antimony
JER-SW4	5/29/2006	As-MetDWMS	0.0005	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW4	5/29/2006	As-MetTWMS	0.0004	mg/L (ppm)	0.0002	APHA 3030E/3125B	Arsenic
JER-SW4	5/29/2006	Bal-PW	0.80	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
JER-SW4	5/29/2006	Ba-MetDWMS	0.0196	mg/L (ppm)	0.00005	APHA 3125B	Barium
JER-SW4	5/29/2006	Ba-MetTWMS	0.0145	mg/L (ppm)	0.00005	APHA 3030E/3125B	Barium
JER-SW4	5/29/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW4	5/29/2006	Be-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Beryllium
JER-SW4	5/29/2006	HCO3-W	45	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW4	5/29/2006	B-MetDWMS	0.011	mg/L (ppm)	0.001	APHA 3125B	Boron
JER-SW4	5/29/2006	B-MetTWMS	0.008	mg/L (ppm)	0.001	APHA 3030E/3125B	Boron
JER-SW4	5/29/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW4	5/29/2006	Cd-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Cadmium
JER-SW4	5/29/2006	Ca-MetTWMS	6.75	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW4	5/29/2006	Ca-PW	5.4	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW4	5/29/2006	TIC-Tot-W	6.6	mg/L (ppm)	0.1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW4	5/29/2006	TOC-PW	3.6	mg/L (ppm)	0.1	APHA 5310-b	Carbon (Total Organic)
JER-SW4	5/29/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
JER-SW4	5/29/2006	Cl-PW	4.8	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW4	5/29/2006	Cr-MetDWMS	0.0007	mg/L (ppm)	0.0003	APHA 3125B	Chromium
JER-SW4	5/29/2006	Cr-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Chromium
JER-SW4	5/29/2006	Co-MetDWMS	0.00012	mg/L (ppm)	0.00002	APHA 3125B	Cobalt
JER-SW4	5/29/2006	Co-MetTWMS	0.00022	mg/L (ppm)	0.00005	APHA 3030E/3125B	Cobalt
JER-SW4	5/29/2006	EC-PW	0.126	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW4	5/29/2006	Cu-MetDWMS	0.0050	mg/L (ppm)	0.0001	APHA 3125B	Copper
JER-SW4	5/29/2006	Cu-MetTWMS	0.0013	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW4	5/29/2006	F-PW	0.09	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW4	5/29/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW4	5/29/2006	Fe-MetDWMS	<0.10	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW4	5/29/2006	Fe-PW	0.29	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW4	5/29/2006	Pb-MetDWMS	0.00031	mg/L (ppm)	0.00005	APHA 3125B	Lead
JER-SW4	5/29/2006	Pb-MetTWMS	0.00015	mg/L (ppm)	0.00005	APHA 3030E/3125B	Lead
JER-SW4	5/29/2006	Mg-MetTWMS	4.49	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW4	5/29/2006	Mg-PW	4.0	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW4	5/29/2006	Mn-MetDWMS	0.010	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW4	5/29/2006	Mn-PW	0.06	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW4	5/29/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW4	5/29/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW4	5/29/2006	Mo-MetDWMS	0.00185	mg/L (ppm)	0.00005	APHA 3125B	Molybdenum
JER-SW4	5/29/2006	Mo-MetTWMS	0.00188	mg/L (ppm)	0.00005	APHA 3030E/3125B	Molybdenum
JER-SW4	5/29/2006	Ni-MetDWMS	0.00283	mg/L (ppm)	0.00005	APHA 3125B	Nickel
JER-SW4	5/29/2006	Ni-MetTWMS	0.00033	mg/L (ppm)	0.0001	APHA 3030E/3125B	Nickel
JER-SW4	5/29/2006	NO3-PW	2.35	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW4	5/29/2006	NO2-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
JER-SW4	5/29/2006	pH-PW	7.57	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW4	5/29/2006	PIC-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW4	5/29/2006	TP-PW	0.04	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW4	5/29/2006	K-MetTWMS	2.9	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW4	5/29/2006	K-PW	3.3	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW4	5/29/2006	Se-MetDWMS	<0.0006	mg/L (ppm)	0.0006	APHA 3125B	Selenium
JER-SW4	5/29/2006	Se-MetTWMS	<0.0010	mg/L (ppm)	0.001	APHA 3030E/3125B	Selenium
JER-SW4	5/29/2006	Si-MetDWMS	2.17	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW4	5/29/2006	Si-MetTWMS	2.39	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW4	5/29/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW4	5/29/2006	Ag-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Silver
JER-SW4	5/29/2006	Na-MetTWMS	6.0	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW4	5/29/2006	Na-PW	5.4	mg/L (ppm)	0.5	APHA 3120 B	Sodium
JER-SW4	5/29/2006	Sr-MetDWMS	0.0591	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW4	5/29/2006	Sr-MetTWMS	0.0486	mg/L (ppm)	0.0005	APHA 3030E/3125B	Strontium
JER-SW4	5/29/2006	SO4-PW	5.1	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW4	5/29/2006	Alk-W	37	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW4	5/29/2006	TDS-180-PW	60	mg/L (ppm)	4	APHA 2540 C	T-Dissolved Solids180°C
JER-SW4	5/29/2006	Th-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Thallium
JER-SW4	5/29/2006	Th-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW4	5/29/2006	Hard-PW-Calc	29.9	mg/L (ppm)	6	APHA 2340-b	T-Hardness as CaCO3
JER-SW4	5/29/2006	TSS-PW	4	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW4	5/29/2006	Turb-PW	9	NTU	1	APHA 2130-b	Turbidity
JER-SW4	5/29/2006	U-MetDWMS	0.00086	mg/L (ppm)	0.00005	APHA 3125B	Uranium
JER-SW4	5/29/2006	U-MetTWMS	0.00052	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW4	5/29/2006	V-MetDWMS	0.0006	mg/L (ppm)	0.0001	APHA 3125B	Vanadium
JER-SW4	5/29/2006	V-MetTWMS	0.0009	mg/L (ppm)	0.0005	APHA 3030E/3125B	Vanadium
JER-SW4	5/29/2006	Zn-MetDWMS	0.008	mg/L (ppm)	0.001	APHA 3125B	Zinc
JER-SW4	5/29/2006	Zn-MetTWMS	<0.001	mg/L (ppm)	0.001	APHA 3030E/3125B	Zinc
JER-SW3	5/25/2006	Acidity-W	4	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW3	5/25/2006	Al-MetDWMS	0.003	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW3	5/25/2006	Al-MetTWMS	4.35	mg/L (ppm)	0.0025	APHA 3030E/3125B	Aluminum
JER-SW3	5/25/2006	NH3-PW	1.21	mg/L (ppm)	0.01	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW3	5/25/2006	SB-MetDWMS	0.0020	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW3	5/25/2006	Sb-MetTWMS	0.00125	mg/L (ppm)	0.00005	APHA 3030E/3125B	Antimony
JER-SW3	5/25/2006	As-MetDWMS	0.0008	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW3	5/25/2006	As-MetTWMS	0.0012	mg/L (ppm)	0.0002	APHA 3030E/3125B	Arsenic
JER-SW3	5/25/2006	Bal-PW	0.89	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
JER-SW3	5/25/2006	Ba-MetDWMS	0.140	mg/L (ppm)	0.00005	APHA 3125B	Barium
JER-SW3	5/25/2006	Ba-MetTWMS	0.298	mg/L (ppm)	0.00005	APHA 3030E/3125B	Barium
JER-SW3	5/25/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW3	5/25/2006	Be-MetTWMS	0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Beryllium
JER-SW3	5/25/2006	HCO3-W	41	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW3	5/25/2006	B-MetDWMS	0.027	mg/L (ppm)	0.001	APHA 3125B	Boron
JER-SW3	5/25/2006	B-MetTWMS	0.028	mg/L (ppm)	0.001	APHA 3030E/3125B	Boron
JER-SW3	5/25/2006	Cd-MetDWMS	0.00074	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW3	5/25/2006	Cd-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Cadmium
JER-SW3	5/25/2006	Ca-PW	24.2	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW3	5/25/2006	Ca-PW	12.9	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW3	5/25/2006	TIC-Tot-W	5.7	mg/L (ppm)	0.1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW3	5/25/2006	TOC-PW	1.3	mg/L (ppm)	0.1	APHA 5310-b	Carbon (Total Organic)
JER-SW3	5/25/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
JER-SW3	5/25/2006	Cl-PW	5.5	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW3	5/25/2006	Cr-MetDWMS	0.0005	mg/L (ppm)	0.0003	APHA 3125B	Chromium
JER-SW3	5/25/2006	Cr-MetTWMS	0.0683	mg/L (ppm)	0.0005	APHA 3030E/3125B	Chromium
JER-SW3	5/25/2006	Co-MetDWMS	0.00020	mg/L (ppm)	0.00002	APHA 3125B	Cobalt
JER-SW3	5/25/2006	Co-MetTWMS	0.0190	mg/L (ppm)	0.00005	APHA 3030E/3125B	Cobalt
JER-SW3	5/25/2006	EC-PW	0.263	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW3	5/25/2006	Cu-MetDWMS	0.0021	mg/L (ppm)	0.0001	APHA 3125B	Copper
JER-SW3	5/25/2006	Cu-MetTWMS	0.0149	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW3	5/25/2006	F-PW	0.22	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW3	5/25/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW3	5/25/2006	Fe-MetDWMS	<0.10	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW3	5/25/2006	Fe-PW	16	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW3	5/25/2006	Pb-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Lead

Sample ID	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW3	5/25/2006	Pb-MetTWMS	0.00278	mg/L (ppm)	0.00005	APHA 3030E/3125B	Lead
JER-SW3	5/25/2006	Mg-MetTWMS	37	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW3	5/25/2006	Mg-PW	6.6	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW3	5/25/2006	Mn-MetDWMS	<0.010	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW3	5/25/2006	Mn-PW	0.26	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW3	5/25/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW3	5/25/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW3	5/25/2006	Mo-MetDWMS	0.0303	mg/L (ppm)	0.00005	APHA 3125B	Molybdenum
JER-SW3	5/25/2006	Mo-MetTWMS	0.0280	mg/L (ppm)	0.00005	APHA 3030E/3125B	Molybdenum
JER-SW3	5/25/2006	Ni-MetDWMS	0.0200	mg/L (ppm)	0.00005	APHA 3125B	Nickel
JER-SW3	5/25/2006	Ni-MetTWMS	0.344	mg/L (ppm)	0.0001	APHA 3030E/3125B	Nickel
JER-SW3	5/25/2006	NO3-PW	11.9	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW3	5/25/2006	NO2-PW	0.34	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
JER-SW3	5/25/2006	pH-PW	7.55	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW3	5/25/2006	PIC-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW3	5/25/2006	TP-PW	0.13	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW3	5/25/2006	K-MetTWMS	12.7	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW3	5/25/2006	K-PW	11.2	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW3	5/25/2006	Se-MetDWMS	<0.0006	mg/L (ppm)	0.0006	APHA 3125B	Selenium
JER-SW3	5/25/2006	Se-MetTWMS	<0.0010	mg/L (ppm)	0.001	APHA 3030E/3125B	Selenium
JER-SW3	5/25/2006	Si-MetDWMS	67.4	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW3	5/25/2006	Si-MetTWMS	67.4	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW3	5/25/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW3	5/25/2006	Ag-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Silver
JER-SW3	5/25/2006	Na-MetTWMS	40.7	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW3	5/25/2006	Na-PW	14	mg/L (ppm)	1	APHA 3120 B	Sodium
JER-SW3	5/25/2006	Sr-MetDWMS	0.392	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW3	5/25/2006	Sr-MetTWMS	0.414	mg/L (ppm)	0.0005	APHA 3030E/3125B	Strontium
JER-SW3	5/25/2006	SO4-PW	30.1	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW3	5/25/2006	Alk-W	34	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW3	5/25/2006	TDS-180-PW	152	mg/L (ppm)	4	APHA 2540 C	T-Dissolved Solids180°C
JER-SW3	5/25/2006	Ti-MetDWMS	0.00007	mg/L (ppm)	0.00005	APHA 3125B	Thallium
JER-SW3	5/25/2006	Ti-MetTWMS	0.00006	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW3	5/25/2006	Hard-PW-Calc	59.5	mg/L (ppm)	6	APHA 2340-b	T-Hardness as CaCO3
JER-SW3	5/25/2006	TSS-PW	60	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW3	5/25/2006	Turb-PW	39	NTU	1	APHA 2130-b	Turbidity
JER-SW3	5/25/2006	U-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Uranium
JER-SW3	5/25/2006	U-MetTWMS	0.00130	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW3	5/25/2006	V-MetDWMS	0.0004	mg/L (ppm)	0.0001	APHA 3125B	Vanadium
JER-SW3	5/25/2006	V-MetTWMS	0.0099	mg/L (ppm)	0.0005	APHA 3030E/3125B	Vanadium
JER-SW3	5/25/2006	Zn-MetDWMS	<0.001	mg/L (ppm)	0.001	APHA 3125B	Zinc
JER-SW3	5/25/2006	Zn-MetTWMS	0.010	mg/L (ppm)	0.001	APHA 3030E/3125B	Zinc
JER-SW1	5/31/2006	Acidity-W	-301	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW1	5/31/2006	Al-MetDWMS	0.033	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW1	5/31/2006	Al-MetTWMS	0.0987	mg/L (ppm)	0.0025	APHA 3030E/3125B	Aluminum
JER-SW1	5/31/2006	NH3-PW	82.7	mg/L (ppm)	0.01	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW1	5/31/2006	Sb-MetDWMS	0.0020	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW1	5/31/2006	Sb-MetTWMS	0.00224	mg/L (ppm)	0.00005	APHA 3030E/3125B	Antimony
JER-SW1	5/31/2006	As-MetDWMS	0.0011	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW1	5/31/2006	As-MetTWMS	0.0007	mg/L (ppm)	0.0002	APHA 3030E/3125B	Arsenic
JER-SW1	5/31/2006	Bal-PW	0.55	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
JER-SW1	5/31/2006	Ba-MetDWMS	0.00535	mg/L (ppm)	0.00005	APHA 3125B	Barium
JER-SW1	5/31/2006	Ba-MetTWMS	0.00890	mg/L (ppm)	0.00005	APHA 3030E/3125B	Barium
JER-SW1	5/31/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW1	5/31/2006	Be-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Beryllium
JER-SW1	5/31/2006	HCO3-W	465	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW1	5/31/2006	B-MetDWMS	0.035	mg/L (ppm)	0.001	APHA 3125B	Boron
JER-SW1	5/31/2006	B-MetTWMS	0.0228	mg/L (ppm)	0.001	APHA 3030E/3125B	Boron
JER-SW1	5/31/2006	Cd-MetDWMS	0.00008	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW1	5/31/2006	Cd-MetTWMS	0.00011	mg/L (ppm)	0.00005	APHA 3030E/3125B	Cadmium
JER-SW1	5/31/2006	Ca-MetTWMS	7.16	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW1	5/31/2006	Ca-PW	5.3	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW1	5/31/2006	TiC-Tot-W	81.8	mg/L (ppm)	0.1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW1	5/31/2006	TOC-PW	40.5	mg/L (ppm)	0.1	APHA 5310-b	Carbon (Total Organic)
JER-SW1	5/31/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
JER-SW1	5/31/2006	Cl-PW	44.6	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW1	5/31/2006	Cr-MetDWMS	0.0072	mg/L (ppm)	0.0003	APHA 3125B	Chromium
JER-SW1	5/31/2006	Cr-MetTWMS	0.0038	mg/L (ppm)	0.0005	APHA 3030E/3125B	Chromium
JER-SW1	5/31/2006	Co-MetDWMS	0.00024	mg/L (ppm)	0.00002	APHA 3125B	Cobalt
JER-SW1	5/31/2006	Co-MetTWMS	0.00034	mg/L (ppm)	0.00005	APHA 3030E/3125B	Cobalt
JER-SW1	5/31/2006	EC-PW	1.11	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW1	5/31/2006	Cu-MetDWMS	0.0583	mg/L (ppm)	0.0001	APHA 3125B	Copper
JER-SW1	5/31/2006	Cu-MetTWMS	0.105	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW1	5/31/2006	F-PW	0.06	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW1	5/31/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW1	5/31/2006	Fe-MetDWMS	0.50	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW1	5/31/2006	Fe-PW	0.62	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW1	5/31/2006	Pb-MetDWMS	0.00147	mg/L (ppm)	0.00005	APHA 3125B	Lead
JER-SW1	5/31/2006	Pb-MetTWMS	0.00188	mg/L (ppm)	0.00005	APHA 3030E/3125B	Lead
JER-SW1	5/31/2006	Mg-MetTWMS	3.26	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW1	5/31/2006	Mg-PW	2.5	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW1	5/31/2006	Mn-MetDWMS	0.015	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW1	5/31/2006	Mn-PW	0.03	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW1	5/31/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW1	5/31/2006	Hg-MetCDVTW	0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW1	5/31/2006	Mo-MetDWMS	0.00109	mg/L (ppm)	0.00005	APHA 3125B	Molybdenum
JER-SW1	5/31/2006	Mo-MetTWMS	0.00143	mg/L (ppm)	0.00005	APHA 3030E/3125B	Molybdenum
JER-SW1	5/31/2006	Ni-MetDWMS	0.00399	mg/L (ppm)	0.00005	APHA 3125B	Nickel
JER-SW1	5/31/2006	Ni-MetTWMS	0.0060	mg/L (ppm)	0.0001	APHA 3030E/3125B	Nickel
JER-SW1	5/31/2006	NO3-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW1	5/31/2006	NO2-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
JER-SW1	5/31/2006	pH-PW	7.89	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW1	5/31/2006	PIC-PW	7.90	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW1	5/31/2006	TP-PW	0.42	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW1	5/31/2006	K-MetTWMS	23.2	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW1	5/31/2006	K-PW	26.8	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW1	5/31/2006	Se-MetDWMS	0.0026	mg/L (ppm)	0.0006	APHA 3125B	Selenium
JER-SW1	5/31/2006	Se-MetTWMS	<0.0010	mg/L (ppm)	0.001	APHA 3030E/3125B	Selenium
JER-SW1	5/31/2006	Si-MetDWMS	2.23	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW1	5/31/2006	Si-MetTWMS	3.09	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW1	5/31/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW1	5/31/2006	Ag-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Silver
JER-SW1	5/31/2006	Na-MetTWMS	120	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW1	5/31/2006	Na-PW	105	mg/L (ppm)	0.5	APHA 3120 B	Sodium
JER-SW1	5/31/2006	Sr-MetDWMS	0.0185	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW1	5/31/2006	Sr-MetTWMS	0.0188	mg/L (ppm)	0.0005	APHA 3030E/3125B	Strontium
JER-SW1	5/31/2006	SO4-PW	72.6	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW1	5/31/2006	Alk-W	382	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW1	5/31/2006	TDS-180-PW	428	mg/L (ppm)	4	APHA 2540 C	T-Dissolved Solids180°C
JER-SW1	5/31/2006	Ti-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Thallium
JER-SW1	5/31/2006	Ti-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW1	5/31/2006	Hard-PW-Calc	23.4	mg/L (ppm)	6	APHA 2340-b	T-Hardness as CaCO3
JER-SW1	5/31/2006	TSS-PW	33	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW1	5/31/2006	Turb-PW	14	NTU	1	APHA 2130-b	Turbidity
JER-SW1	5/31/2006	U-MetDWMS	0.00022	mg/L (ppm)	0.00005	APHA 3125B	Uranium

Sample ID	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW1	5/31/2006	U-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW1	5/31/2006	V-MetDWMS	0.0095	mg/L (ppm)	0.0001	APHA 3125B	Vanadium
JER-SW1	5/31/2006	V-MetTWMS	0.0031	mg/L (ppm)	0.0005	APHA 3030E/3125B	Vanadium
JER-SW1	5/31/2006	Zn-MetDWMS	0.031	mg/L (ppm)	0.001	APHA 3125B	Zinc
JER-SW1	5/31/2006	Zn-MetTWMS	0.052	mg/L (ppm)	0.001	APHA 3030E/3125B	Zinc
JER-SW-1	5/31/06	BOD-ED	30	mg/L	2	APHA 5210 B-5 day Incub.-O2 ek	Biochemical Oxygen Demand
JER-SW-1	5/31/06	FCC-MF	160000	CFU/100mL	1	APHA 9222D MF	MF - Fecal Coliforms
JER-SW1	5/31/2006	pH-F	7.91	pH units			pH - Field Measurement
JER-SW1	5/31/2006	Cond-F	1159	µs/cm			Conductivity - Field Measurement
JER-SW1	5/31/2006	ORP-F	114.50	mV			Oxidation-Reduction Potential -
JER-SW1	5/31/2006	Temp-F	20.9	°C			Degrees Celcius - Field Measurement
JER-SW4	5/29/2006	pH-F	7.08	pH units			pH - Field Measurement
JER-SW4	5/29/2006	Cond-F	125	µs/cm			Conductivity - Field Measurement
JER-SW4	5/29/2006	ORP-F	194.10	mV			Oxidation-Reduction Potential -
JER-SW4	5/29/2006	Temp-F	3.57	°C			Degrees Celcius - Field Measurement

Table 2. Flow Measurements - May 2006

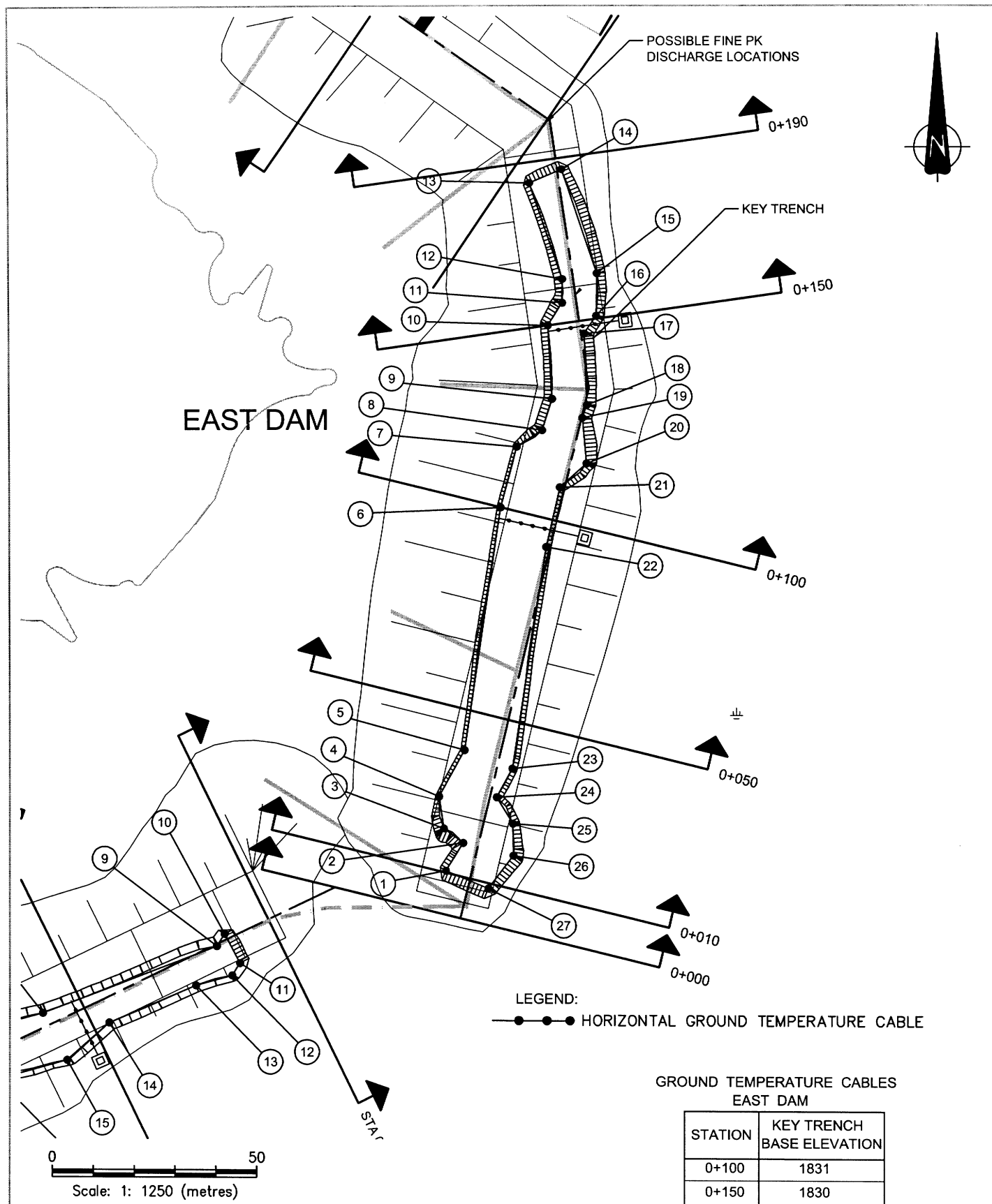
DATE	Carat Lake Freshwater Use (m3) (Camp and Emulsion Plant) Daily	Treated Sewage Effluent to PKC (Long Lake) (m3) Daily Calculated	Sewage Sludge Removed (m3)	Pit Pond Water to East Sump (m3) - Daily	Other waters from East Sump (m3) * - Daily	East Sump pond to PKC (Long Lake) (m3) - Daily	PKC Water Recycled (m3)	Process Plant Fresh Water (m3)	Process Plant Water Discharged to PKC (m3)	Coarse Rejects (tonnes)	Fine Rejects to PKC (tonnes)	Ore Processed (tonnes)	Quantity of Waste Rock (tonnes)	Quantity of Esker (tonnes)	Quantity of fill (tonnes)
1-May	21.1	14.8	Monthly	0	0	0	Monthly	1037.8	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
2-May	26.8	18.8		0	0	0		1068.0							
3-May	32.1	22.5		0	0	0		1065.1							
4-May	20.9	14.6		0	0	0		1096.2							
5-May	20.8	14.6		0	0	0		628.1							
6-May	23.7	16.6		0	0	0		1165.2							
7-May	26.5	18.6		0	0	0		1202.0							
8-May	21.9	15.3		0	0	0		1060.8							
9-May	19.0	13.3		0	0	0		1123.3							
10-May	26.6	18.6		0	0	0		1202.4							
11-May	25.4	17.8		0	0	0		1418.3							
12-May	20.5	14.4		1429.0	0	0		1236.9							
13-May	19.5	13.7		2461.0	0	0		1100.5							
14-May	17.8	12.5		2552.0	0	0		658.6							
15-May	18.5	13.0		2518.0	0	1742.0		1054.8							
16-May	34.0	23.8		1741.0	0	1742.0		1052.8							
17-May	39.0	27.3		1906.0	0	1742.0		1090.9							
18-May	12.6	8.8		1430.0	0	1742.0		1114.9							
19-May	17.2	12.0		1441.0	0	1742.0		951.9							
20-May	20.0	14.0		1090.0	0	1850.0		1108.5							
21-May	17.9	12.5		1879.0	0	1850.0		1559.9							
22-May	20.1	14.1		2858.0	0	1850.0		1365.5							
23-May	21.7	15.2		2820.0	0	0.0		1212.0							
24-May	26.5	18.6		2298.0	0	0.0		1388.6							
25-May	32.8	23.0		2287.0	0	0.0		1175.7							
26-May	18.9	13.2		2780.0	0	0.0		1126.3							
27-May	16.9	11.8		1466.0	0	1958.0		1212.3							
28-May	24.5	17.2		581.0	0	1638.0		506.2							
29-May	17.8	12.5		886.0	0	1176.0		1084.0							
30-May	22.6	15.8		265.0	0	0.0		983.2							
31-May	26.7	18.7		554.0	0	983.0		1058.5							
Total	710.3	478.5	54.0	34848.0	0	20913.0	0.0	34119.2	34119.2	40813.0	8058.0	48,871	94,400	1700	57,900

* Dust Suppression on Haul Roads

Table 3. Thermistor Readings - May

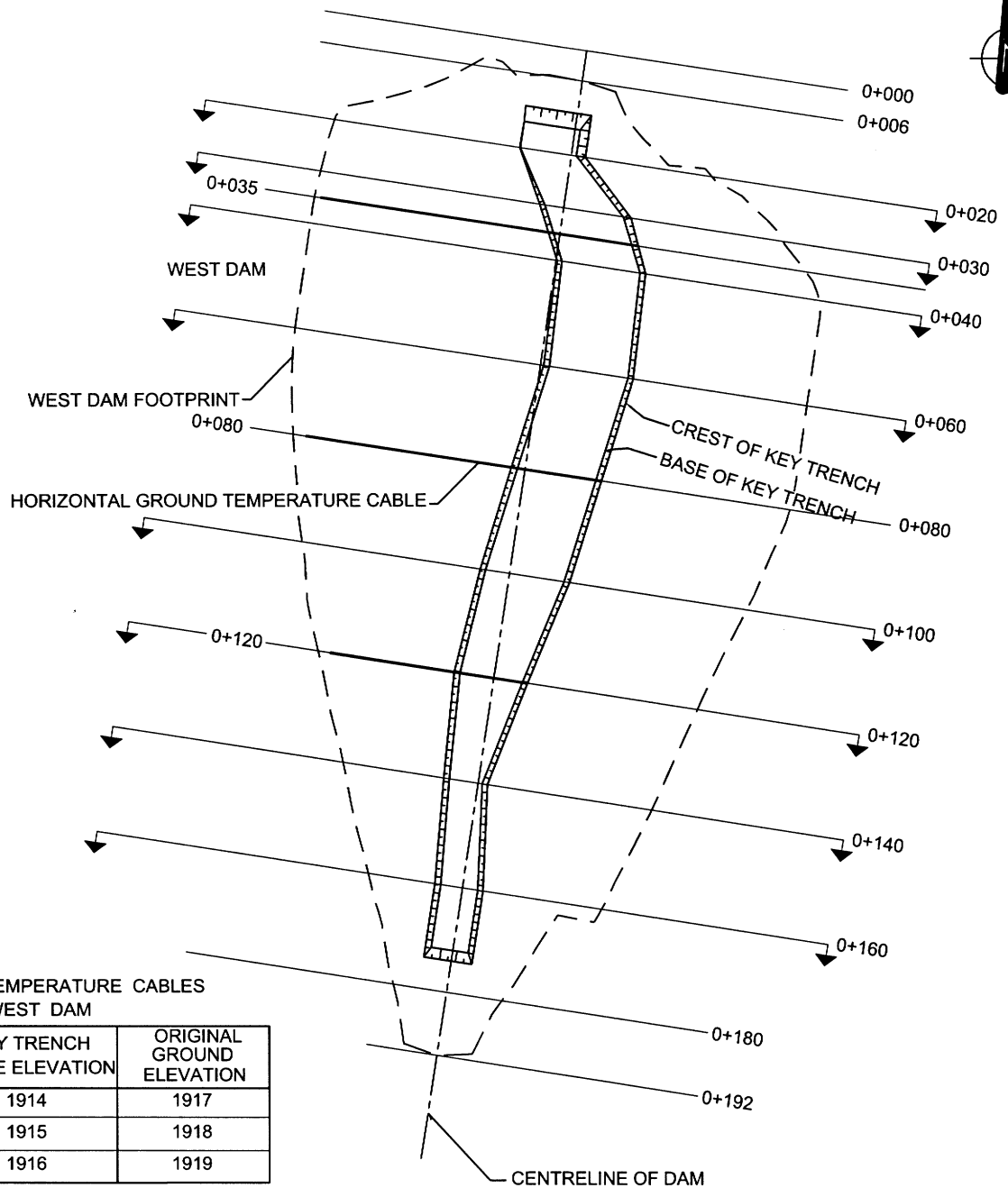
Thermistor Location	Thermistor ID#	Bead Number	Elevation (m)	Date	Temperature Reading °C
East Dam	1830	1	521.6	May 19/06	21.03
East Dam	1830	2	521.6	May 19/06	-3.27
East Dam	1830	3	520.5	May 19/06	-4.02
East Dam	1830	4	519.5	May 19/06	-5.63
East Dam	1830	5	518.1	May 19/06	-5.93
East Dam	1830	6	517.6	May 19/06	-6.14
East Dam	1830	7	517.5	May 19/06	-6.06
East Dam	1830	8	517.5	May 19/06	-5.98
East Dam	1830	9	517.4	May 19/06	-5.92
East Dam	1830	10	517.4	May 19/06	-5.69
East Dam	1830	11	517.4	May 19/06	-5.42
East Dam	1830	12	517.2	May 19/06	-5.29
East Dam	1830	13	517.3	May 19/06	-5.37
East Dam	1830	1	521.6	May 30/06	24.29
East Dam	1830	2	521.6	May 30/06	-1.18
East Dam	1830	3	520.5	May 30/06	-2.43
East Dam	1830	4	519.5	May 30/06	-4.89
East Dam	1830	5	518.1	May 30/06	-5.17
East Dam	1830	6	517.6	May 30/06	-5.38
East Dam	1830	7	517.5	May 30/06	-5.29
East Dam	1830	8	517.5	May 30/06	-5.21
East Dam	1830	9	517.4	May 30/06	-5.14
East Dam	1830	10	517.4	May 30/06	-4.98
East Dam	1830	11	517.4	May 30/06	-4.83
East Dam	1830	12	517.2	May 30/06	-4.84
East Dam	1830	13	517.3	May 30/06	-5.01
East Dam	1831	1	519.6	May 19/06	1.99
East Dam	1831	2	519.5	May 19/06	-0.02
East Dam	1831	3	515.6	May 19/06	-0.56
East Dam	1831	4	515.5	May 19/06	-6.48
East Dam	1831	5	515.5	May 19/06	-7.32
East Dam	1831	6	515.5	May 19/06	-7.91
East Dam	1831	7	515.4	May 19/06	-8.26
East Dam	1831	8	515.4	May 19/06	-8.08
East Dam	1831	9	515.3	May 19/06	-8.27
East Dam	1831	10	515.3	May 19/06	-8.79
East Dam	1831	11	515.3	May 19/06	-9.22
East Dam	1831	12	515.4	May 19/06	-9.41
East Dam	1831	1	519.6	May 30/06	9.73
East Dam	1831	2	519.5	May 30/06	0.42
East Dam	1831	3	515.6	May 30/06	-0.08
East Dam	1831	4	515.5	May 30/06	-5.89
East Dam	1831	5	515.5	May 30/06	-6.51
East Dam	1831	6	515.5	May 30/06	-7.10
East Dam	1831	7	515.4	May 30/06	-7.60
East Dam	1831	8	515.4	May 30/06	-7.49
East Dam	1831	9	515.3	May 30/06	-7.91
East Dam	1831	10	515.3	May 30/06	-8.53
East Dam	1831	11	515.3	May 30/06	-9.01
East Dam	1831	12	515.4	May 30/06	-9.16
West Dam	1914	1		May 18/06	3.12
West Dam	1914	2	518.47	May 18/06	-4.52
West Dam	1914	3	518.54	May 18/06	-3.05
West Dam	1914	4	517.31	May 18/06	-5.51
West Dam	1914	5	516.37	May 18/06	-4.70
West Dam	1914	6	516.28	May 18/06	-4.80
West Dam	1914	7	516.20	May 18/06	-5.05
West Dam	1914	8	513.48	May 18/06	-5.49
West Dam	1914	9	512.62	May 18/06	-5.94
West Dam	1914	10	512.81	May 18/06	-5.93
West Dam	1914	11	513.04	May 18/06	-5.73
West Dam	1914	12	513.82	May 18/06	-5.14
West Dam	1914	13	514.74	May 18/06	-4.37
West Dam	1914	14	515.59	May 18/06	-3.40
West Dam	1914	15	516.55	May 18/06	-2.65
West Dam	1914	16	517.53	May 18/06	-1.60
West Dam	1914	1		May 30/06	2.37
West Dam	1914	2	518.47	May 30/06	-2.46
West Dam	1914	3	518.54	May 30/06	-1.72
West Dam	1914	4	517.31	May 30/06	-4.37
West Dam	1914	5	516.37	May 30/06	-4.54
West Dam	1914	6	516.28	May 30/06	-4.89
West Dam	1914	7	516.20	May 30/06	-5.07
West Dam	1914	8	513.48	May 30/06	-5.40
West Dam	1914	9	512.61	May 30/06	-5.74
West Dam	1914	10	512.81	May 30/06	-5.70
West Dam	1914	11	513.04	May 30/06	-5.51
West Dam	1914	12	513.82	May 30/06	-4.95
West Dam	1914	13	514.74	May 30/06	-4.31
West Dam	1914	14	515.59	May 30/06	-3.24
West Dam	1914	15	516.55	May 30/06	-2.26
West Dam	1914	16	517.53	May 30/06	-1.26
West Dam	1915	1		May 18/06	-1.52
West Dam	1915	2	520.09	May 18/06	-3.29
West Dam	1915	3	519.94	May 18/06	-8.00
West Dam	1915	4	518.60	May 18/06	-8.53
West Dam	1915	5	517.74	May 18/06	-8.79
West Dam	1915	6	517.22	May 18/06	-8.21
West Dam	1915	7	517.26	May 18/06	-8.45
West Dam	1915	8	514.75	May 18/06	-8.71
West Dam	1915	9	514.24	May 18/06	-9.01
West Dam	1915	10	514.32	May 18/06	-9.09
West Dam	1915	11	514.38	May 18/06	-9.09
West Dam	1915	12	514.21	May 18/06	-8.99
West Dam	1915	13	514.77	May 18/06	-8.82
West Dam	1915	14	515.30	May 18/06	-8.34
West Dam	1915	15	516.06	May 18/06	-7.00
West Dam	1915	16	516.73	May 18/06	-10.06
West Dam	1915	1		May 30/06	-0.18
West Dam	1915	2	520.09	May 30/06	-2.16
West Dam	1915	3	519.94	May 30/06	-4.67
West Dam	1915	4	518.60	May 30/06	-5.37
West Dam	1915	5	517.74	May 30/06	-7.51
West Dam	1915	6	517.22	May 30/06	-8.20
West Dam	1915	7	517.26	May 30/06	-8.39
West Dam	1915	8	514.75	May 30/06	-8.56
West Dam	1915	9	514.24	May 30/06	-8.79
West Dam	1915	10	514.32	May 30/06	-8.86
West Dam	1915	11	514.38	May 30/06	-8.82
West Dam	1915	12	514.21	May 30/06	-8.66
West Dam	1915	13	514.77	May 30/06	-8.34
West Dam	1915	14	515.30	May 30/06	-7.65
West Dam	1915	15	516.06	May 30/06	-6.00
West Dam	1915	16	516.73	May 30/06	-3.36

Thermistor Location	Thermistor ID#	Bead Number	Elevation (m)	Date	Temperature Reading °C
West Dam	1916	1		May 18/06	2.32
West Dam	1916	2	520.25	May 18/06	1.82
West Dam	1916	3	520.35	May 18/06	-2.43
West Dam	1916	4	520.53	May 18/06	-4.02
West Dam	1916	5	520.54	May 18/06	-1.18
West Dam	1916	6	520.52	May 18/06	1.34
West Dam	1916	7	520.31	May 18/06	1.34
West Dam	1916	8	520.33	May 18/06	-1.93
West Dam	1916	9	517.81	May 18/06	-7.10
West Dam	1916	10	517.69	May 18/06	-8.20
West Dam	1916	11	517.69	May 18/06	-8.06
West Dam	1916	12	518.08	May 18/06	-7.83
West Dam	1916	13	518.98	May 18/06	-6.74
West Dam	1916	14	519.74	May 18/06	-4.55
West Dam	1916	15	520.49	May 18/06	-1.41
West Dam	1916	1		May 30/06	0.95
West Dam	1916	2	520.25	May 30/06	0.34
West Dam	1916	3	520.35	May 30/06	0.18
West Dam	1916	4	520.53	May 30/06	0.12
West Dam	1916	5	520.54	May 30/06	0.15
West Dam	1916	6	520.52	May 30/06	0.08
West Dam	1916	7	520.31	May 30/06	-0.56
West Dam	1916	8	520.33	May 30/06	-3.51
West Dam	1916	9	517.81	May 30/06	-8.53
West Dam	1916	10	517.69	May 30/06	-8.93
West Dam	1916	11	517.69	May 30/06	-9.42
West Dam	1916	12	518.08	May 30/06	-9.35
West Dam	1916	13	518.98	May 30/06	-8.50
West Dam	1916	14	519.74	May 30/06	-6.45
West Dam	1916	15	520.49	May 30/06	-3.10
West Dam	1917	1	516.30	May 18/06	-5.69
West Dam	1917	2	516.83	May 18/06	-5.06
West Dam	1917	3	516.79	May 18/06	-4.99
West Dam	1917	4	517.01	May 18/06	-4.69
West Dam	1917	5	516.38	May 18/06	-5.30
West Dam	1917	6	516.32	May 18/06	-5.28
West Dam	1917	7	516.34	May 18/06	-5.05
West Dam	1917	8	516.36	May 18/06	-4.59
West Dam	1917	9	516.35	May 18/06	-4.17
West Dam	1917	10	516.40	May 18/06	-3.84
West Dam	1917	11	516.44	May 18/06	-3.56
West Dam	1917	12	516.43	May 18/06	-2.96
West Dam	1917	1	516.30	May 30/06	-4.68
West Dam	1917	2	516.83	May 30/06	-4.94
West Dam	1917	3	516.79	May 30/06	-5.04
West Dam	1917	4	517.01	May 30/06	-4.72
West Dam	1917	5	516.38	May 30/06	-5.28
West Dam	1917	6	516.32	May 30/06	-5.20
West Dam	1917	7	516.34	May 30/06	-4.93
West Dam	1917	8	516.36	May 30/06	-4.46
West Dam	1917	9	516.35	May 30/06	-4.04
West Dam	1917	10	516.40	May 30/06	-3.57
West Dam	1917	11	516.44	May 30/06	-3.04
West Dam	1917	12	516.43	May 30/06	-2.30
West Dam	1918	1	517.92	May 18/06	-8.14
West Dam	1918	2	518.11	May 18/06	-8.89
West Dam	1918	3	518.03	May 18/06	-8.39
West Dam	1918	4	518.09	May 18/06	-7.96
West Dam	1918	5	517.54	May 18/06	-8.11
West Dam	1918	6	517.59	May 18/06	-8.21
West Dam	1918	7	517.63	May 18/06	-8.43
West Dam	1918	8	517.63	May 18/06	-8.40
West Dam	1918	9	517.60	May 18/06	-8.06
West Dam	1918	10	517.58	May 18/06	-7.29
West Dam	1918	11	517.62	May 18/06	-6.10
West Dam	1918	12	517.57	May 18/06	-4.54
West Dam	1918	1	517.92	May 30/06	-4.11
West Dam	1918	2	518.11	May 30/06	-5.49
West Dam	1918	3	518.03	May 30/06	-8.03
West Dam	1918	4	518.09	May 30/06	-7.94
West Dam	1918	5	517.54	May 30/06	-8.03
West Dam	1918	6	517.59	May 30/06	-8.06
West Dam	1918	7	517.63	May 30/06	-8.17
West Dam	1918	8	517.63	May 30/06	-8.00
West Dam	1918	9	517.60	May 30/06	-7.53
West Dam	1918	10	517.58	May 30/06	-6.67
West Dam	1918	11	517.62	May 30/06	-5.44
West Dam	1918	12	517.57	May 30/06	-4.03
West Dam	1919	1	520.55	May 18/06	-3.81
West Dam	1918	2	520.63	May 18/06	-6.03
West Dam	1918	3	520.55	May 18/06	-4.13
West Dam	1918	4	520.31	May 18/06	-0.09
West Dam	1918	5	520.33	May 18/06	-0.25
West Dam	1918	6	520.33	May 18/06	-1.03
West Dam	1918	7	520.34	May 18/06	-5.86
West Dam	1918	8	520.40	May 18/06	-7.31
West Dam	1918	9	520.43	May 18/06	-8.69
West Dam	1918	10	520.49	May 18/06	-7.44
West Dam	1918	11	520.59	May 18/06	-6.57
West Dam	1918	12	520.72	May 18/06	-1.57
West Dam	1919	1	520.55	May 30/06	-0.63
West Dam	1919	2	520.63	May 30/06	-0.03
West Dam	1919	3	520.55	May 30/06	-0.01
West Dam	1919	4	520.31	May 30/06	-0.01
West Dam	1919	5	520.33	May 30/06	-0.04
West Dam	1919	6	520.33	May 30/06	-1.15
West Dam	1919	7	520.34	May 30/06	-5.12
West Dam	1919	8	520.40	May 30/06	-5.92
West Dam	1919	9	520.43	May 30/06	-6.99
West Dam	1919	10	520.49	May 30/06	-7.21
West Dam	1919	11	520.59	May 30/06	-6.18
West Dam	1919	12	520.72	May 30/06	-3.43



EBA Engineering Consultants Ltd. 		CLIENT TAHERA Diamond Corporation	PROJECT JERICO MINE EAST DAM	
DWN. JLS	CHKD. JP		TITLE GROUND TEMPERATURE CABLE LAYOUT PLAN AND DETAILS	
EBA JOB NO.	1100060.007	FILE: 1100060007J02a.dwg	REVISION NO.: 1	DATE: June 2006

Figure 1

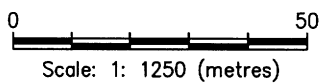


GROUND TEMPERATURE CABLES
WEST DAM

STATION	KEY TRENCH BASE ELEVATION	ORIGINAL GROUND ELEVATION
0+035	1914	1917
0+080	1915	1918
0+120	1916	1919

LEGEND:

— HORIZONTAL GROUND TEMPERATURE CABLE



NOTE: CABLE LOCATIONS BASED ON
ORIGINAL DESIGN,
ACTUAL LOCATIONS VARY
AND WILL BE SHOWN ON AS
BUILT DRAWINGS

EBA Engineering
Consultants Ltd.



CLIENT

TAHERA
Diamond Corporation

PROJECT

JERICHO MINE
WEST DAM

TITLE

GROUND TEMPERATURE CABLE
LAYOUT PLAN AND DETAILS

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June 2006

Figure 1