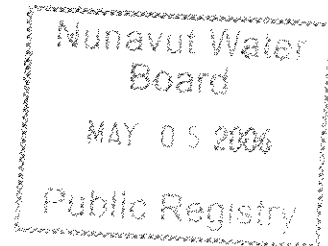




April 30th, 2006

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



RE: Water License NWB1JER0410 Monthly SNP Report – March 2006

General

During the month of March 2006, JER-SW1, JER-SW3, and JER-SW4 and applicable QA/QC were collected as part of the Surveillance Network Program associated with Water License NWB1JER0410. Water sampling results and field measurements are included in Table 1.

Results

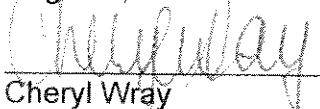
A) Water Sampling and Analysis Results

1. Table 1 provides the results for samples related to the SNP sampling requirements for the month of March 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 both calculated and metered values. The flow meter within the Waste Water Treatment Plant is not functioning properly and maintenance is in progress.

Regards,


Cheryl Wray
Environmental Supervisor


Roland Jones
Mine Manager

Cc: George Taptuna, DIAND Land Use Inspector

Table 1 - Water Chemsitry Results - March 2006

Sample ID	Sample Type	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW1	G	3/16/2006	Acidity-W	-313	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW1	G	3/16/2006	Al-MetDWMS	0.041	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW1	G	3/16/2006	Al-MetTWMS	0.149	mg/L (ppm)	0.005	APHA 3030E/3125B	Aluminum
JER-SW1	G	3/16/2006	NH3-PW	75.7	mg/L (ppm)	0.1	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW1	G	3/16/2006	Sb-MetDWMS	0.0008	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW1	G	3/16/2006	Sb-MetTWMS	0.0023	mg/L (ppm)	0.0001	APHA 3030E/3125B	Antimony
JER-SW1	G	3/16/2006	As-MetDWMS	0.0009	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW1	G	3/16/2006	As-MetTWMS	0.0012	mg/L (ppm)	0.0004	APHA 3030E/3125B	Arsenic
JER-SW1	G	3/16/2006	Bal-PW	0.55	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
JER-SW1	G	3/16/2006	Ba-MetDWMS	0.012	mg/L (ppm)	0.003	APHA 3125B	Barium
JER-SW1	G	3/16/2006	Ba-MetTWMS	0.013	mg/L (ppm)	0.005	APHA 3030E/3125B	Barium
JER-SW1	G	3/16/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW1	G	3/16/2006	Be-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Beryllium
JER-SW1	G	3/16/2006	HCO3-W	446	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW1	G	3/16/2006	B-MetDWMS	0.032	mg/L (ppm)	0.004	APHA 3125B	Boron
JER-SW1	G	3/16/2006	B-MetTWMS	0.035	mg/L (ppm)	0.01	APHA 3030E/3125B	Boron
JER-SW1	G	3/16/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW1	G	3/16/2006	Cd-MetTWMS	0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cadmium
JER-SW1	G	3/16/2006	Ca-MetTWMS	7.95	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW1	G	3/16/2006	Ca-PW	6.3	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW1	G	3/16/2006	TIC-Tot-W	80	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW1	G	3/16/2006	TOC-PW	47	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Organic)
JER-SW1	G	3/16/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
JER-SW1	G	3/16/2006	Cl-PW	44.5	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW1	G	3/16/2006	Cr-MetDWMS	0.0056	mg/L (ppm)	0.0004	APHA 3125B	Chromium
JER-SW1	G	3/16/2006	Cr-MetTWMS	0.0072	mg/L (ppm)	0.0009	APHA 3030E/3125B	Chromium
JER-SW1	G	3/16/2006	Co-MetDWMS	0.00012	mg/L (ppm)	0.00005	APHA 3125B	Cobalt
JER-SW1	G	3/16/2006	Co-MetTWMS	0.0003	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cobalt
JER-SW1	G	3/16/2006	EC-PW	1.10	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW1	G	3/16/2006	Cu-MetDWMS	0.0654	mg/L (ppm)	0.001	APHA 3125B	Copper
JER-SW1	G	3/16/2006	Cu-MetTWMS	0.110	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW1	G	3/16/2006	F-PW	0.07	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW1	G	3/16/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW1	G	3/16/2006	Fe-MetDWMS	0.24	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW1	G	3/16/2006	Fe-PW	0.54	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW1	G	3/16/2006	Pb-MetDWMS	0.00083	mg/L (ppm)	0.00005	APHA 3125B	Lead
JER-SW1	G	3/16/2006	Pb-MetTWMS	0.0023	mg/L (ppm)	0.0001	APHA 3030E/3125B	Lead
JER-SW1	G	3/16/2006	Mg-MetTWMS	3.20	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW1	G	3/16/2006	Mg-PW	2.6	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW1	G	3/16/2006	Mn-MetDWMS	0.015	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW1	G	3/16/2006	Mn-PW	0.03	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW1	G	3/16/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW1	G	3/16/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW1	G	3/16/2006	Mo-MetDWMS	0.0007	mg/L (ppm)	0.0003	APHA 3125B	Molybdenum
JER-SW1	G	3/16/2006	Mo-MetTWMS	0.0015	mg/L (ppm)	0.0005	APHA 3030E/3125B	Molybdenum
JER-SW1	G	3/16/2006	Ni-MetDWMS	0.0030	mg/L (ppm)	0.0001	APHA 3125B	Nickel
JER-SW1	G	3/16/2006	Ni-MetTWMS	0.0045	mg/L (ppm)	0.0006	APHA 3030E/3125B	Nickel
JER-SW1	G	3/16/2006	NO3-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW1	G	3/16/2006	NO2-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
JER-SW1	G	3/16/2006	pH-PW	7.70	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW1	G	3/16/2006	Ph-PW	7.16	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW1	G	3/16/2006	TP-PW	18.5	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW1	G	3/16/2006	K-MetTWMS	20.7	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW1	G	3/16/2006	K-PW	19.8	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW1	G	3/16/2006	Se-MetDWMS	0.0010	mg/L (ppm)	0.0004	APHA 3125B	Selenium
JER-SW1	G	3/16/2006	Se-MetTWMS	0.0009	mg/L (ppm)	0.0008	APHA 3030E/3125B	Selenium
JER-SW1	G	3/16/2006	Si-MetDWMS	3.09	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW1	G	3/16/2006	Si-MetTWMS	4.10	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW1	G	3/16/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW1	G	3/16/2006	Ag-MetTWMS	<0.00002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Silver
JER-SW1	G	3/16/2006	Na-MetTWMS	111	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW1	G	3/16/2006	Na-PW	109	mg/L (ppm)	0.5	APHA 3120 B	Sodium
JER-SW1	G	3/16/2006	Sr-MetDWMS	0.0264	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW1	G	3/16/2006	Sr-MetTWMS	0.0277	mg/L (ppm)	0.0002	APHA 3030E/3125B	Strontium
JER-SW1	G	3/16/2006	SO4-PW	93.7	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW1	G	3/16/2006	Alk-W	365	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW1	G	3/16/2006	TDS-180-PW	400	mg/L (ppm)	10	APHA 2540 C	T-Dissolved Solids180°C
JER-SW1	G	3/16/2006	Th-MetDWMS	<0.00002	mg/L (ppm)	0.00002	APHA 3125B	Thallium
JER-SW1	G	3/16/2006	Th-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW1	G	3/16/2006	Hard-PW-Calc	26.3	mg/L (ppm)	6	APHA 2340-b	T-hardness as CaCO3
JER-SW1	G	3/16/2006	TSS-PW	38	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW1	G	3/16/2006	Turb-PW	26	NTU	1	APHA 2130-b	Turbidity
JER-SW1	G	3/16/2006	U-MetDWMS	0.00009	mg/L (ppm)	0.00005	APHA 3125B	Uranium
JER-SW1	G	3/16/2006	U-MetTWMS	0.00016	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW1	G	3/16/2006	V-MetDWMS	0.0022	mg/L (ppm)	0.0005	APHA 3125B	Vanadium
JER-SW1	G	3/16/2006	V-MetTWMS	0.0021	mg/L (ppm)	0.0001	APHA 3030E/3125B	Vanadium
JER-SW1	G	3/16/2006	Zn-MetDWMS	0.032	mg/L (ppm)	0.002	APHA 3125B	Zinc
JER-SW1	G	3/16/2006	Zn-MetTWMS	0.086	mg/L (ppm)	0.002	APHA 3030E/3125B	Zinc
JER-SW1	G	3/16/2006	BOD-CL-Biochemical Oxygen Demand	15	mg/L	2	5210 B-5 day Incub -O2 elec	Biochemical Oxygen Demand
JER-SW1	G	3/16/2006	FCC-MF-PB-MF - Fecal Coliforms	100000	CFU/100mL	1	APHA 9222D MF	MF - Fecal Coliforms
JER-SW3	G	3/14/2006	Acidity-W	3	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW3	G	3/14/2006	Al-MetDWMS	0.013	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW3	G	3/14/2006	Al-MetTWMS	0.018	mg/L (ppm)	0.005	APHA 3030E/3125B	Aluminum
JER-SW3	G	3/14/2006	NH3-PW	0.3	mg/L (ppm)	0.1	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW3	G	3/14/2006	Sb-MetDWMS	0.0019	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW3	G	3/14/2006	Sb-MetTWMS	0.0022	mg/L (ppm)	0.0001	APHA 3030E/3125B	Antimony
JER-SW3	G	3/14/2006	As-MetDWMS	0.0004	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW3	G	3/14/2006	As-MetTWMS	0.0007	mg/L (ppm)	0.0004	APHA 3030E/3125B	Arsenic
JER-SW3	G	3/14/2006	Bal-PW	0.93	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
JER-SW3	G	3/14/2006	Ba-MetDWMS	0.111	mg/L (ppm)	0.003	APHA 3125B	Barium
JER-SW3	G	3/14/2006	Ba-MetTWMS	0.187	mg/L (ppm)	0.005	APHA 3030E/3125B	Barium
JER-SW3	G	3/14/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW3	G	3/14/2006	Be-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Beryllium
JER-SW3	G	3/14/2006	HCO3-W	69	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW3	G	3/14/2006	B-MetDWMS	0.024	mg/L (ppm)	0.004	APHA 3125B	Boron
JER-SW3	G	3/14/2006	B-MetTWMS	0.026	mg/L (ppm)	0.01	APHA 3030E/3125B	Boron
JER-SW3	G	3/14/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW3	G	3/14/2006	Cd-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cadmium
JER-SW3	G	3/14/2006	Ca-MetTWMS	17.8	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW3	G	3/14/2006	Ca-PW	7.3	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW3	G	3/14/2006	TIC-Tot-W	8	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW3	G	3/14/2006	TOC-PW	2	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Organic)
JER-SW3	G	3/14/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate

Sample ID	Sample Type	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW3	G	3/14/2006	Cl-PW	4.3	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW3	G	3/14/2006	Cr-MetDWMS	0.0011	mg/L (ppm)	0.0004	APHA 3125B	Chromium
JER-SW3	G	3/14/2006	Cr-MetTWMS	0.0438	mg/L (ppm)	0.0009	APHA 3030E/3125B	Chromium
JER-SW3	G	3/14/2006	Co-MetDWMS	0.00011	mg/L (ppm)	0.00005	APHA 3125B	Cobalt
JER-SW3	G	3/14/2006	Co-MetTWMS	0.0083	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cobalt
JER-SW3	G	3/14/2006	EC-PW	0.133	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW3	G	3/14/2006	Cu-MetDWMS	0.0046	mg/L (ppm)	0.001	APHA 3125B	Copper
JER-SW3	G	3/14/2006	Cu-MetTWMS	0.0139	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW3	G	3/14/2006	F-PW	0.22	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW3	G	3/14/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW3	G	3/14/2006	Fe-MetDWMS	<0.10	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW3	G	3/14/2006	Fe-PW	5.37	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW3	G	3/14/2006	Pb-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Lead
JER-SW3	G	3/14/2006	Pb-MetTWMS	0.0020	mg/L (ppm)	0.0001	APHA 3030E/3125B	Lead
JER-SW3	G	3/14/2006	Mg-MetTWMS	22.7	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW3	G	3/14/2006	Mg-PW	7.1	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW3	G	3/14/2006	Mn-MetDWMS	<0.010	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW3	G	3/14/2006	Mn-PW	0.08	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW3	G	3/14/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW3	G	3/14/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW3	G	3/14/2006	Mo-MetDWMS	0.0018	mg/L (ppm)	0.0003	APHA 3125B	Molybdenum
JER-SW3	G	3/14/2006	Mo-MetTWMS	0.0022	mg/L (ppm)	0.0005	APHA 3030E/3125B	Molybdenum
JER-SW3	G	3/14/2006	Ni-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Nickel
JER-SW3	G	3/14/2006	Ni-MetTWMS	0.122	mg/L (ppm)	0.0006	APHA 3030E/3125B	Nickel
JER-SW3	G	3/14/2006	NO3-PW	0.68	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW3	G	3/14/2006	NO2-PW	0.42	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
JER-SW3	G	3/14/2006	pH-PW	8.38	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW3	G	3/14/2006	Ph-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW3	G	3/14/2006	TP-PW	0.21	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW3	G	3/14/2006	K-MetTWMS	5.7	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW3	G	3/14/2006	K-PW	4.6	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW3	G	3/14/2006	Se-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Selenium
JER-SW3	G	3/14/2006	Se-MetTWMS	<0.0009	mg/L (ppm)	0.0008	APHA 3030E/3125B	Selenium
JER-SW3	G	3/14/2006	Si-MetDWMS	8.27	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW3	G	3/14/2006	Si-MetTWMS	21.8	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW3	G	3/14/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW3	G	3/14/2006	Ag-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Silver
JER-SW3	G	3/14/2006	Na-MetTWMS	5.0	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW3	G	3/14/2006	Na-PW	5.4	mg/L (ppm)	0.5	APHA 3120 B	Sodium
JER-SW3	G	3/14/2006	Sr-MetDWMS	0.0383	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW3	G	3/14/2006	Sr-MetTWMS	0.0637	mg/L (ppm)	0.0002	APHA 3030E/3125B	Strontium
JER-SW3	G	3/14/2006	SO4-PW	2.9	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW3	G	3/14/2006	Alk-W	56	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW3	G	3/14/2006	TDS-180-PW	64	mg/L (ppm)	10	APHA 2540 C	T-Dissolved Solids 180°C
JER-SW3	G	3/14/2006	Ti-MetDWMS	<0.00002	mg/L (ppm)	0.00002	APHA 3125B	Thallium
JER-SW3	G	3/14/2006	Ti-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW3	G	3/14/2006	Hard-PW-Calc	47.4	mg/L (ppm)	6	APHA 2340-b	T-hardness as CaCO3
JER-SW3	G	3/14/2006	TSS-PW	18	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW3	G	3/14/2006	Turb-PW	22	NTU	1	APHA 2130-b	Turbidity
JER-SW3	G	3/14/2006	U-MetDWMS	0.00010	mg/L (ppm)	0.00005	APHA 3125B	Uranium
JER-SW3	G	3/14/2006	U-MetTWMS	0.00344	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW3	G	3/14/2006	V-MetDWMS	0.0013	mg/L (ppm)	0.0005	APHA 3125B	Vanadium
JER-SW3	G	3/14/2006	V-MetTWMS	0.0045	mg/L (ppm)	0.0001	APHA 3030E/3125B	Vanadium
JER-SW3	G	3/14/2006	Zn-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Zinc
JER-SW3	G	3/14/2006	Zn-MetTWMS	0.015	mg/L (ppm)	0.002	APHA 3030E/3125B	Zinc
JER-SW4	G	3/16/2006	Acidity-W	12	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW4	G	3/16/2006	Al-MetDWMS	0.076	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW4	G	3/16/2006	Al-MetTWMS	0.092	mg/L (ppm)	0.005	APHA 3030E/3125B	Aluminum
JER-SW4	G	3/16/2006	NH3-PW	3.5	mg/L (ppm)	0.1	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW4	G	3/16/2006	SB-MetDWMS	0.0009	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW4	G	3/16/2006	SB-MetTWMS	0.0009	mg/L (ppm)	0.0001	APHA 3030E/3125B	Antimony
JER-SW4	G	3/16/2006	As-MetDWMS	0.0008	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW4	G	3/16/2006	As-MetTWMS	0.0010	mg/L (ppm)	0.0004	APHA 3030E/3125B	Arsenic
JER-SW4	G	3/16/2006	Bal-PW	1.07	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
JER-SW4	G	3/16/2006	Ba-MetDWMS	0.022	mg/L (ppm)	0.003	APHA 3125B	Barium
JER-SW4	G	3/16/2006	Ba-MetTWMS	0.024	mg/L (ppm)	0.005	APHA 3030E/3125B	Barium
JER-SW4	G	3/16/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW4	G	3/16/2006	Be-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Beryllium
JER-SW4	G	3/16/2006	HCO3-W	84	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW4	G	3/16/2006	B-MetDWMS	0.018	mg/L (ppm)	0.004	APHA 3125B	Boron
JER-SW4	G	3/16/2006	B-MetTWMS	0.020	mg/L (ppm)	0.01	APHA 3030E/3125B	Boron
JER-SW4	G	3/16/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW4	G	3/16/2006	Cd-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cadmium
JER-SW4	G	3/16/2006	Ca-MetTWMS	11.2	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW4	G	3/16/2006	Ca-PW	9.3	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW4	G	3/16/2006	TIC-Tot-W	12	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW4	G	3/16/2006	TOC-PW	3	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Organic)
JER-SW4	G	3/16/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
JER-SW4	G	3/16/2006	Cl-PW	1.4	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW4	G	3/16/2006	Cr-MetDWMS	0.0012	mg/L (ppm)	0.0004	APHA 3125B	Chromium
JER-SW4	G	3/16/2006	Cr-MetTWMS	0.0014	mg/L (ppm)	0.0009	APHA 3030E/3125B	Chromium
JER-SW4	G	3/16/2006	Co-MetDWMS	0.00015	mg/L (ppm)	0.00005	APHA 3125B	Cobalt
JER-SW4	G	3/16/2006	Co-MetTWMS	0.0002	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cobalt
JER-SW4	G	3/16/2006	EC-PW	0.190	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW4	G	3/16/2006	Cu-MetDWMS	0.0018	mg/L (ppm)	0.001	APHA 3125B	Copper
JER-SW4	G	3/16/2006	Cu-MetTWMS	0.0036	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW4	G	3/16/2006	F-PW	0.18	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW4	G	3/16/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW4	G	3/16/2006	Fe-MetDWMS	0.11	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW4	G	3/16/2006	Fe-PW	0.12	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW4	G	3/16/2006	Pb-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Lead
JER-SW4	G	3/16/2006	Pb-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Lead
JER-SW4	G	3/16/2006	Mg-MetTWMS	8.37	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW4	G	3/16/2006	Mg-PW	7.8	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW4	G	3/16/2006	Mn-MetDWMS	0.014	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW4	G	3/16/2006	Mn-PW	0.03	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW4	G	3/16/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW4	G	3/16/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW4	G	3/16/2006	Mo-MetDWMS	0.0021	mg/L (ppm)	0.0003	APHA 3125B	Molybdenum
JER-SW4	G	3/16/2006	Mo-MetTWMS	0.0025	mg/L (ppm)	0.0005	APHA 3030E/3125B	Molybdenum
JER-SW4	G	3/16/2006	Ni-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Nickel
JER-SW4	G	3/16/2006	Ni-MetTWMS	0.0055	mg/L (ppm)	0.0006	APHA 3030E/3125B	Nickel
JER-SW4	G	3/16/2006	NO3-PW	0.32	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW4	G	3/16/2006	NO2-PW	0.09	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen

Sample ID	Sample Type	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW4	G	3/16/2006	pH-PW	7.87	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW4	G	3/16/2006	PIC-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW4	G	3/16/2006	TP-PW	0.19	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW4	G	3/16/2006	K-MetTWMS	5.2	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW4	G	3/16/2006	K-PW	4.6	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW4	G	3/16/2006	Se-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Selenium
JER-SW4	G	3/16/2006	Se-MetTWMS	<0.0008	mg/L (ppm)	0.0008	APHA 3030E/3125B	Selenium
JER-SW4	G	3/16/2006	Si-MetDWMS	4.16	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW4	G	3/16/2006	Si-MetTWMS	4.03	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW4	G	3/16/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW4	G	3/16/2006	Ag-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Silver
JER-SW4	G	3/16/2006	Na-MetTWMS	8.0	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW4	G	3/16/2006	Na-PW	8.3	mg/L (ppm)	0.5	APHA 3120 B	Sodium
JER-SW4	G	3/16/2006	Sr-MetDWMS	0.0645	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW4	G	3/16/2006	Sr-MetTWMS	0.0699	mg/L (ppm)	0.0002	APHA 3030E/3125B	Strontium
JER-SW4	G	3/16/2006	SO4-PW	0.8	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW4	G	3/16/2006	Alk-W	68	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW4	G	3/16/2006	TDS-180-PW	112	mg/L (ppm)	10	APHA 2540 C	T-Dissolved Solids180°C
JER-SW4	G	3/16/2006	Th-MetDWMS	<0.00002	mg/L (ppm)	0.00002	APHA 3125B	Thallium
JER-SW4	G	3/16/2006	Th-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW4	G	3/16/2006	Hard-PW-Calc	54.6	mg/L (ppm)	6	APHA 2340-b	T-hardness as CaCO3
JER-SW4	G	3/16/2006	TSS-PW	3	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW4	G	3/16/2006	Turb-PW	5	NTU	1	APHA 2130-b	Turbidity
JER-SW4	G	3/16/2006	U-MetDWMS	0.00142	mg/L (ppm)	0.00005	APHA 3125B	Uranium
JER-SW4	G	3/16/2006	U-MetTWMS	0.00160	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW4	G	3/16/2006	V-MetDWMS	0.0010	mg/L (ppm)	0.0005	APHA 3125B	Vanadium
JER-SW4	G	3/16/2006	V-MetTWMS	0.0011	mg/L (ppm)	0.0001	APHA 3030E/3125B	Vanadium
JER-SW4	G	3/16/2006	Zn-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Zinc
JER-SW4	G	3/16/2006	Zn-MetTWMS	0.003	mg/L (ppm)	0.002	APHA 3030E/3125B	Zinc
JER-SW4	F1	3/16/2006	Acidity-W	10	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
JER-SW4	F1	3/16/2006	Al-MetDWMS	0.064	mg/L (ppm)	0.002	APHA 3125B	Aluminum
JER-SW4	F1	3/16/2006	Al-MetTWMS	0.102	mg/L (ppm)	0.005	APHA 3030E/3125B	Aluminum
JER-SW4	F1	3/16/2006	NH3-PW	3.4	mg/L (ppm)	0.1	APHA 4500NH3-d	Ammonia - Nitrogen
JER-SW4	F1	3/16/2006	SB-MetDWMS	0.0008	mg/L (ppm)	0.0001	APHA 3125B	Antimony
JER-SW4	F1	3/16/2006	Sb-MetTWMS	0.0009	mg/L (ppm)	0.0001	APHA 3030E/3125B	Antimony
JER-SW4	F1	3/16/2006	As-MetDWMS	0.0009	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
JER-SW4	F1	3/16/2006	As-MetTWMS	0.0011	mg/L (ppm)	0.0004	APHA 3030E/3125B	Arsenic
JER-SW4	F1	3/16/2006	Bal-PW	0.86	Ratio	0.01	APHA 1030-e	Balance (Ions/-ions)
JER-SW4	F1	3/16/2006	Ba-MetDWMS	0.021	mg/L (ppm)	0.003	APHA 3125B	Barium
JER-SW4	F1	3/16/2006	Ba-MetTWMS	0.024	mg/L (ppm)	0.005	APHA 3030E/3125B	Barium
JER-SW4	F1	3/16/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
JER-SW4	F1	3/16/2006	Be-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Beryllium
JER-SW4	F1	3/16/2006	HCO3-W	83	mg/L (ppm)	1	APHA 2320	Bicarbonate
JER-SW4	F1	3/16/2006	B-MetDWMS	0.019	mg/L (ppm)	0.004	APHA 3125B	Boron
JER-SW4	F1	3/16/2006	B-MetTWMS	0.018	mg/L (ppm)	0.01	APHA 3030E/3125B	Boron
JER-SW4	F1	3/16/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
JER-SW4	F1	3/16/2006	Cd-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cadmium
JER-SW4	F1	3/16/2006	Ca-MetTWMS	11.2	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
JER-SW4	F1	3/16/2006	Ca-PW	9.6	mg/L (ppm)	0.5	APHA 3120	Calcium
JER-SW4	F1	3/16/2006	TIC-Tot-W	12	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Inorganic)
JER-SW4	F1	3/16/2006	TOC-PW	3	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Organic)
JER-SW4	F1	3/16/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
JER-SW4	F1	3/16/2006	Cl-PW	8.1	mg/L (ppm)	0.1	APHA 4110	Chloride
JER-SW4	F1	3/16/2006	Cr-MetDWMS	0.0012	mg/L (ppm)	0.0004	APHA 3125B	Chromium
JER-SW4	F1	3/16/2006	Cr-MetTWMS	0.0016	mg/L (ppm)	0.0009	APHA 3030E/3125B	Chromium
JER-SW4	F1	3/16/2006	Co-MetDWMS	0.00014	mg/L (ppm)	0.00005	APHA 3125B	Cobalt
JER-SW4	F1	3/16/2006	Co-MetTWMS	0.0002	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cobalt
JER-SW4	F1	3/16/2006	EC-PW	0.191	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
JER-SW4	F1	3/16/2006	Cu-MetDWMS	0.0017	mg/L (ppm)	0.001	APHA 3125B	Copper
JER-SW4	F1	3/16/2006	Cu-MetTWMS	0.0028	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
JER-SW4	F1	3/16/2006	F-PW	0.18	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
JER-SW4	F1	3/16/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
JER-SW4	F1	3/16/2006	Fe-MetDWMS	0.11	mg/L (ppm)	0.1	APHA 3120	Iron
JER-SW4	F1	3/16/2006	Fe-PW	0.13	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
JER-SW4	F1	3/16/2006	Pb-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Lead
JER-SW4	F1	3/16/2006	Pb-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Lead
JER-SW4	F1	3/16/2006	Mg-MetTWMS	8.21	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
JER-SW4	F1	3/16/2006	Mg-PW	7.9	mg/L (ppm)	0.5	APHA 3120	Magnesium
JER-SW4	F1	3/16/2006	Mn-MetDWMS	0.016	mg/L (ppm)	0.01	APHA 3120	Manganese
JER-SW4	F1	3/16/2006	Mn-PW	0.02	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
JER-SW4	F1	3/16/2006	Hg-MetCDVDW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
JER-SW4	F1	3/16/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
JER-SW4	F1	3/16/2006	Mo-MetDWMS	0.0021	mg/L (ppm)	0.0003	APHA 3125B	Molybdenum
JER-SW4	F1	3/16/2006	Mo-MetTWMS	0.0024	mg/L (ppm)	0.0005	APHA 3030E/3125B	Molybdenum
JER-SW4	F1	3/16/2006	Ni-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Nickel
JER-SW4	F1	3/16/2006	Ni-MetTWMS	0.0053	mg/L (ppm)	0.0006	APHA 3030E/3125B	Nickel
JER-SW4	F1	3/16/2006	NO3-PW	1.98	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
JER-SW4	F1	3/16/2006	NO2-PW	0.15	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
JER-SW4	F1	3/16/2006	pH-PW	7.88	pH units	0.01	APHA 4500H	pH @ 25°C
JER-SW4	F1	3/16/2006	PIC-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
JER-SW4	F1	3/16/2006	TP-PW	0.18	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
JER-SW4	F1	3/16/2006	K-MetTWMS	5.1	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
JER-SW4	F1	3/16/2006	K-PW	4.8	mg/L (ppm)	0.5	APHA 3120	Potassium
JER-SW4	F1	3/16/2006	Se-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Selenium
JER-SW4	F1	3/16/2006	Se-MetTWMS	<0.0008	mg/L (ppm)	0.0008	APHA 3030E/3125B	Selenium
JER-SW4	F1	3/16/2006	Si-MetDWMS	3.80	mg/L (ppm)	0.01	APHA 3120	Silicon
JER-SW4	F1	3/16/2006	Si-MetTWMS	4.48	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
JER-SW4	F1	3/16/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
JER-SW4	F1	3/16/2006	Ag-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Silver
JER-SW4	F1	3/16/2006	Na-MetTWMS	7.8	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
JER-SW4	F1	3/16/2006	Na-PW	8.4	mg/L (ppm)	0.5	APHA 3120 B	Sodium
JER-SW4	F1	3/16/2006	Sr-MetDWMS	0.0650	mg/L (ppm)	0.0001	APHA 3125B	Strontium
JER-SW4	F1	3/16/2006	Sr-MetTWMS	0.0691	mg/L (ppm)	0.0002	APHA 3030E/3125B	Strontium
JER-SW4	F1	3/16/2006	SO4-PW	6.6	mg/L (ppm)	0.5	APHA 4110	Sulphate
JER-SW4	F1	3/16/2006	Alk-W	68	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
JER-SW4	F1	3/16/2006	TDS-180-PW	<10	mg/L (ppm)	10	APHA 2540 C	T-Dissolved Solids180°C
JER-SW4	F1	3/16/2006	Th-MetDWMS	<0.00002	mg/L (ppm)	0.00002	APHA 3125B	Thallium
JER-SW4	F1	3/16/2006	Th-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
JER-SW4	F1	3/16/2006	Hard-PW-Calc	56.4	mg/L (ppm)	6	APHA 2340-b	T-hardness as CaCO3
JER-SW4	F1	3/16/2006	TSS-PW	4	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
JER-SW4	F1	3/16/2006	Turb-PW	5	NTU	1	APHA 2130-b	Turbidity
JER-SW4	F1	3/16/2006	U-MetDWMS	0.00148	mg/L (ppm)	0.00005	APHA 3125B	Uranium
JER-SW4	F1	3/16/2006	U-MetTWMS	0.00148	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
JER-SW4	F1	3/16/2006	V-MetDWMS	0.0010	mg/L (ppm)	0.0005	APHA 3125B	Vanadium

Sample ID	Sample Type	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
JER-SW4	F1	3/16/2006	V-MetTWMS	0.0011	mg/L (ppm)	0.0001	APHA 3030E/3125B	Vanadium
JER-SW4	F1	3/16/2006	Zn-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Zinc
JER-SW4	F1	3/16/2006	Zn-MetTWMS	<0.002	mg/L (ppm)	0.002	APHA 3030E/3125B	Zinc
SNPFB	G	3/16/2006	Acidity-W	2	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
SNPFB	G	3/16/2006	Al-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Aluminum
SNPFB	G	3/16/2006	Al-MetTWMS	<0.005	mg/L (ppm)	0.005	APHA 3030E/3125B	Aluminum
SNPFB	G	3/16/2006	NH3-PW	<0.1	mg/L (ppm)	0.1	APHA 4500NH3-d	Ammonia - Nitrogen
SNPFB	G	3/16/2006	Sb-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Antimony
SNPFB	G	3/16/2006	Sb-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Antimony
SNPFB	G	3/16/2006	As-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
SNPFB	G	3/16/2006	As-MetTWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3030E/3125B	Arsenic
SNPFB	G	3/16/2006	Bal-PW	<0.01	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
SNPFB	G	3/16/2006	Ba-MetDWMS	<0.003	mg/L (ppm)	0.003	APHA 3125B	Barium
SNPFB	G	3/16/2006	Ba-MetTWMS	<0.005	mg/L (ppm)	0.005	APHA 3030E/3125B	Barium
SNPFB	G	3/16/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
SNPFB	G	3/16/2006	Be-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Beryllium
SNPFB	G	3/16/2006	HCO3-W	8	mg/L (ppm)	1	APHA 2320	Bicarbonate
SNPFB	G	3/16/2006	B-MetDWMS	<0.004	mg/L (ppm)	0.004	APHA 3125B	Boron
SNPFB	G	3/16/2006	B-MetTWMS	<0.010	mg/L (ppm)	0.01	APHA 3030E/3125B	Boron
SNPFB	G	3/16/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
SNPFB	G	3/16/2006	Cd-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cadmium
SNPFB	G	3/16/2006	Ca-MetTWMS	<0.50	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
SNPFB	G	3/16/2006	Ca-PW	<0.5	mg/L (ppm)	0.5	APHA 3120	Calcium
SNPFB	G	3/16/2006	TIC-Tot-W	<1	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Inorganic)
SNPFB	G	3/16/2006	TOC-PW	<1	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Organic)
SNPFB	G	3/16/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate
SNPFB	G	3/16/2006	Cl-PW	<0.1	mg/L (ppm)	0.1	APHA 4110	Chloride
SNPFB	G	3/16/2006	Cr-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Chromium
SNPFB	G	3/16/2006	Cr-MetTWMS	<0.0009	mg/L (ppm)	0.0009	APHA 3030E/3125B	Chromium
SNPFB	G	3/16/2006	Co-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cobalt
SNPFB	G	3/16/2006	Co-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cobalt
SNPFB	G	3/16/2006	EC-PW	0.002	mS/cm	0.001	APHA 2510-B	Conductivity @ 25°C
SNPFB	G	3/16/2006	Cu-MetDWMS	<0.0010	mg/L (ppm)	0.001	APHA 3125B	Copper
SNPFB	G	3/16/2006	Cu-MetTWMS	<0.0010	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
SNPFB	G	3/16/2006	F-PW	0.03	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
SNPFB	G	3/16/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
SNPFB	G	3/16/2006	Fe-MetDWMS	<0.10	mg/L (ppm)	0.1	APHA 3120	Iron
SNPFB	G	3/16/2006	Fe-PW	<0.10	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
SNPFB	G	3/16/2006	Pb-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Lead
SNPFB	G	3/16/2006	Pb-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Lead
SNPFB	G	3/16/2006	Mg-MetTWMS	<0.50	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
SNPFB	G	3/16/2006	Mg-PW	<0.5	mg/L (ppm)	0.5	APHA 3120	Magnesium
SNPFB	G	3/16/2006	Mn-MetDWMS	<0.010	mg/L (ppm)	0.01	APHA 3120	Manganese
SNPFB	G	3/16/2006	Mn-PW	<0.01	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
SNPFB	G	3/16/2006	Hg-MetCDVOW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
SNPFB	G	3/16/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
SNPFB	G	3/16/2006	Mo-MetDWMS	<0.0003	mg/L (ppm)	0.0003	APHA 3125B	Molybdenum
SNPFB	G	3/16/2006	Mo-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Molybdenum
SNPFB	G	3/16/2006	Ni-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Nickel
SNPFB	G	3/16/2006	Ni-MetTWMS	<0.0006	mg/L (ppm)	0.0006	APHA 3030E/3125B	Nickel
SNPFB	G	3/16/2006	NO3-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
SNPFB	G	3/16/2006	NO2-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
SNPFB	G	3/16/2006	pH-PW	6.24	pH units	0.01	APHA 4500H	pH @ 25°C
SNPFB	G	3/16/2006	PIC-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
SNPFB	G	3/16/2006	TP-PW	<0.02	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
SNPFB	G	3/16/2006	K-MetTWMS	<0.5	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
SNPFB	G	3/16/2006	K-PW	<0.5	mg/L (ppm)	0.5	APHA 3120	Potassium
SNPFB	G	3/16/2006	Se-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Selenium
SNPFB	G	3/16/2006	Se-MetTWMS	<0.0008	mg/L (ppm)	0.0008	APHA 3030E/3125B	Selenium
SNPFB	G	3/16/2006	Si-MetDWMS	<0.01	mg/L (ppm)	0.01	APHA 3120	Silicon
SNPFB	G	3/16/2006	Si-MetTWMS	<0.01	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
SNPFB	G	3/16/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
SNPFB	G	3/16/2006	Ag-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Silver
SNPFB	G	3/16/2006	Na-MetTWMS	<0.5	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
SNPFB	G	3/16/2006	Na-PW	<0.5	mg/L (ppm)	0.5	APHA 3120-B	Sodium
SNPFB	G	3/16/2006	Sr-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Strontium
SNPFB	G	3/16/2006	Sr-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Strontium
SNPFB	G	3/16/2006	SO4-PW	<0.5	mg/L (ppm)	0.5	APHA 4110	Sulphate
SNPFB	G	3/16/2006	Alk-W	7	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
SNPFB	G	3/16/2006	TDS-180-PW	<10	mg/L (ppm)	10	APHA 2540-C	T-Dissolved Solids180°C
SNPFB	G	3/16/2006	Th-MetDWMS	<0.00002	mg/L (ppm)	0.00002	APHA 3125B	Thallium
SNPFB	G	3/16/2006	Th-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
SNPFB	G	3/16/2006	Hard-PW-Calc	<6.0	mg/L (ppm)	6	APHA 2340-b	T-hardness as CaCO3
SNPFB	G	3/16/2006	TSS-PW	<2	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
SNPFB	G	3/16/2006	Turb-PW	<1	NTU	1	APHA 2130-b	Turbidity
SNPFB	G	3/16/2006	U-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Uranium
SNPFB	G	3/16/2006	U-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
SNPFB	G	3/16/2006	V-MetDWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3125B	Vanadium
SNPFB	G	3/16/2006	V-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Vanadium
SNPFB	G	3/16/2006	Zn-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Zinc
SNPFB	G	3/16/2006	Zn-MetTWMS	<0.002	mg/L (ppm)	0.002	APHA 3030E/3125B	Zinc
SNPTB	G	3/16/2006	Acidity-W	3	mg/L (ppm)	1	APHA 2310B	Acidity as CaCO3
SNPTB	G	3/16/2006	Al-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Aluminum
SNPTB	G	3/16/2006	Al-MetTWMS	<0.005	mg/L (ppm)	0.005	APHA 3030E/3125B	Aluminum
SNPTB	G	3/16/2006	NH3-PW	<0.1	mg/L (ppm)	0.1	APHA 4500NH3-d	Ammonia - Nitrogen
SNPTB	G	3/16/2006	Sb-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Antimony
SNPTB	G	3/16/2006	Sb-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Antimony
SNPTB	G	3/16/2006	As-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Arsenic
SNPTB	G	3/16/2006	As-MetTWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3030E/3125B	Arsenic
SNPTB	G	3/16/2006	Bal-PW	0.14	Ratio	0.01	APHA 1030-e	Balance (+ions/-ions)
SNPTB	G	3/16/2006	Ba-MetDWMS	<0.003	mg/L (ppm)	0.003	APHA 3125B	Barium
SNPTB	G	3/16/2006	Ba-MetTWMS	<0.005	mg/L (ppm)	0.005	APHA 3030E/3125B	Barium
SNPTB	G	3/16/2006	Be-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Beryllium
SNPTB	G	3/16/2006	Be-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Beryllium
SNPTB	G	3/16/2006	HCO3-W	8	mg/L (ppm)	1	APHA 2320	Bicarbonate
SNPTB	G	3/16/2006	B-MetDWMS	<0.004	mg/L (ppm)	0.004	APHA 3125B	Boron
SNPTB	G	3/16/2006	B-MetTWMS	<0.010	mg/L (ppm)	0.01	APHA 3030E/3125B	Boron
SNPTB	G	3/16/2006	Cd-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cadmium
SNPTB	G	3/16/2006	Cd-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cadmium
SNPTB	G	3/16/2006	Ca-MetTWMS	<0.50	mg/L (ppm)	0.5	APHA 3030E/3120	Calcium
SNPTB	G	3/16/2006	Ca-PW	<0.5	mg/L (ppm)	0.5	APHA 3120	Calcium
SNPTB	G	3/16/2006	TIC-Tot-W	<1	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Inorganic)
SNPTB	G	3/16/2006	TOC-PW	<1	mg/L (ppm)	1	APHA 5310-b	Carbon (Total Organic)
SNPTB	G	3/16/2006	CO3-W	<1	mg/L (ppm)	1	APHA 2320	Carbonate

Sample ID	Sample Type	Date Sample	Parameter Code	Result	Unit	Detection Limit	Method	Parameter Name
SNPTB	G	3/16/2006	Cl-PW	<0.1	mg/L (ppm)	0.1	APHA 4110	Chloride
SNPTB	G	3/16/2006	Cr-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Chromium
SNPTB	G	3/16/2006	Cr-MetTWMS	<0.0009	mg/L (ppm)	0.0009	APHA 3030E/3125B	Chromium
SNPTB	G	3/16/2006	Co-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Cobalt
SNPTB	G	3/16/2006	Co-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Cobalt
SNPTB	G	3/16/2006	EC-PW	0.003	mS/cm	0.001	APHA 2510 B	Conductivity @ 25°C
SNPTB	G	3/16/2006	Cu-MetDWMS	<0.0010	mg/L (ppm)	0.001	APHA 3125B	Copper
SNPTB	G	3/16/2006	Cu-MetTWMS	<0.0010	mg/L (ppm)	0.001	APHA 3030E/3125B	Copper
SNPTB	G	3/16/2006	F-PW	0.03	mg/L (ppm)	0.02	APHA 4500F-c	Fluoride
SNPTB	G	3/16/2006	OH-PW	<1	mg/L (ppm)	1	APHA 2320	Hydroxide (as CaCO3)
SNPTB	G	3/16/2006	Fe-MetDWMS	<0.10	mg/L (ppm)	0.1	APHA 3120	Iron
SNPTB	G	3/16/2006	Fe-PW	<0.10	mg/L (ppm)	0.1	APHA 3030E/3120	Iron (Total)
SNPTB	G	3/16/2006	Pb-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Lead
SNPTB	G	3/16/2006	Pb-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Lead
SNPTB	G	3/16/2006	Mg-MetTWMS	<0.50	mg/L (ppm)	0.5	APHA 3030E/3120	Magnesium
SNPTB	G	3/16/2006	Mg-PW	<0.5	mg/L (ppm)	0.5	APHA 3120	Magnesium
SNPTB	G	3/16/2006	Mn-MetDWMS	<0.010	mg/L (ppm)	0.01	APHA 3120	Manganese
SNPTB	G	3/16/2006	Mn-PW	<0.01	mg/L (ppm)	0.01	APHA 3030E/3120	Manganese (Total)
SNPTB	G	3/16/2006	Hg-MetCDVW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Dissolved)
SNPTB	G	3/16/2006	Hg-MetCDVTW	<0.00005	mg/L (ppm)	0.00005	APHA 3112	Mercury (Total)
SNPTB	G	3/16/2006	Mo-MetDWMS	<0.0003	mg/L (ppm)	0.0003	APHA 3125B	Molybdenum
SNPTB	G	3/16/2006	Mo-MetTWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3030E/3125B	Molybdenum
SNPTB	G	3/16/2006	Ni-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Nickel
SNPTB	G	3/16/2006	Ni-MetTWMS	<0.0006	mg/L (ppm)	0.0006	APHA 3030E/3125B	Nickel
SNPTB	G	3/16/2006	NO3-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrate - Nitrogen
SNPTB	G	3/16/2006	NO2-PW	<0.05	mg/L (ppm)	0.05	APHA 4110	Nitrite - Nitrogen
SNPTB	G	3/16/2006	pH-PW	6.21	pH units	0.01	APHA 4500H	pH @ 25°C
SNPTB	G	3/16/2006	PLC-PW	<0.20	mg/L (ppm)	0.2	APHA 4110	Phosphate - Ortho - Phosphorus
SNPTB	G	3/16/2006	TP-PW	<0.02	mg/L (ppm)	0.02	APHA 4500P-d	Phosphorus (Total)
SNPTB	G	3/16/2006	K-MetTWMS	<0.5	mg/L (ppm)	0.5	APHA 3030E/3120	Potassium
SNPTB	G	3/16/2006	K-PW	<0.5	mg/L (ppm)	0.5	APHA 3120	Potassium
SNPTB	G	3/16/2006	Se-MetDWMS	<0.0004	mg/L (ppm)	0.0004	APHA 3125B	Selenium
SNPTB	G	3/16/2006	Se-MetTWMS	<0.0008	mg/L (ppm)	0.0008	APHA 3030E/3125B	Selenium
SNPTB	G	3/16/2006	Si-MetDWMS	<0.01	mg/L (ppm)	0.01	APHA 3120	Silicon
SNPTB	G	3/16/2006	Si-MetTWMS	<0.01	mg/L (ppm)	0.01	APHA 3030E/3120	Silicon
SNPTB	G	3/16/2006	Ag-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Silver
SNPTB	G	3/16/2006	Ag-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Silver
SNPTB	G	3/16/2006	Na-MetTWMS	<0.5	mg/L (ppm)	0.5	APHA 3030E/3120	Sodium
SNPTB	G	3/16/2006	Na-PW	<0.5	mg/L (ppm)	0.5	APHA 3120 B	Sodium
SNPTB	G	3/16/2006	Sr-MetDWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3125B	Strontium
SNPTB	G	3/16/2006	Sr-MetTWMS	<0.0002	mg/L (ppm)	0.0002	APHA 3030E/3125B	Strontium
SNPTB	G	3/16/2006	SO4-PW	<0.5	mg/L (ppm)	0.5	APHA 4110	Sulphate
SNPTB	G	3/16/2006	Alk-W	6	mg/L (ppm)	1	APHA 2320	T-Alkalinity as CaCO3
SNPTB	G	3/16/2006	TDS-180-PW	<10	mg/L (ppm)	10	APHA 2540 C	T-Dissolved Solids180°C
SNPTB	G	3/16/2006	Ti-MetDWMS	<0.00002	mg/L (ppm)	0.00002	APHA 3125B	Thallium
SNPTB	G	3/16/2006	Ti-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Thallium
SNPTB	G	3/16/2006	Hard-PW-Calc	<6.0	mg/L (ppm)	6	APHA 2340-b	T-hardness as CaCO3
SNPTB	G	3/16/2006	TSS-PW	<2	mg/L (ppm)	2	APHA 2540-d	Total Suspended Solids @105°C
SNPTB	G	3/16/2006	Turb-PW	<1	NTU	1	APHA 2130-b	Turbidity
SNPTB	G	3/16/2006	U-MetDWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3125B	Uranium
SNPTB	G	3/16/2006	U-MetTWMS	<0.00005	mg/L (ppm)	0.00005	APHA 3030E/3125B	Uranium
SNPTB	G	3/16/2006	V-MetDWMS	<0.0005	mg/L (ppm)	0.0005	APHA 3125B	Vanadium
SNPTB	G	3/16/2006	V-MetTWMS	<0.0001	mg/L (ppm)	0.0001	APHA 3030E/3125B	Vanadium
SNPTB	G	3/16/2006	Zn-MetDWMS	<0.002	mg/L (ppm)	0.002	APHA 3125B	Zinc
SNPTB	G	3/16/2006	Zn-MetTWMS	<0.002	mg/L (ppm)	0.002	APHA 3030E/3125B	Zinc
JER-SW1		3/16/2006	pH-F	7.66	pH units			pH - Field Measurement
JER-SW1		3/16/2006	Cond-F	1192	µs/cm			Conductivity - Field Measurement
JER-SW1		3/16/2006	ORP-F	-76.6	mV			Oxidation-Reduction Potential -
JER-SW1		3/16/2006	Temp-F	25.39	°C			Degrees Celsius - Field Measurement
JER-SW3		3/14/2006	pH-F	9.78	pH units			pH - Field Measurement
JER-SW3		3/14/2006	Cond-F	157	µs/cm			Conductivity - Field Measurement
JER-SW3		3/14/2006	ORP-F	250.7	mV			Oxidation-Reduction Potential -
JER-SW3		3/14/2006	Temp-F	11.66	°C			Degrees Celsius - Field Measurement
JER-SW4		3/16/2006	pH-F	9.08	pH units			pH - Field Measurement
JER-SW4		3/16/2006	Cond-F	194	µs/cm			Conductivity - Field Measurement
JER-SW4		3/16/2006	ORP-F	366	mV			Oxidation-Reduction Potential -
JER-SW4		3/16/2006	Temp-F	6.14	°C			Degrees Celsius - Field Measurement

G = Grab Sample
F1=Grab Duplicate
TB=Travel Blank
FB=Field Blank



Table 2. Flow Measurements - March 2008

DATE	Caral Lake Freshwater Use (m³) (Camp, Batch Plant, Emulsion Plant, and Caral Lake Ice Road) - Daily	Treated Sewage Effluent to PKC (Long Lake) (m³) Daily Measured	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	Other waters to PKC (Long Lake) (m³)	PKC Water Recycled (m³)	Process Plant Fresh Water (m³)	Process Plant Water Discharge to PKC (m³)	Course Rejects (tonnes)	Fine Rejects to PKC (tonnes)	On-Processed (tonnes)	Quantity of Waste Rock (tonnes)	Quantity of Ester (tonnes)	Quantity of Silt (tonnes)
1-Mar	24.5	7.6	12.2							1226.5							
2-Mar	31.1	0.1	21.8							1368.2							
3-Mar	24.2	2.8	15.3							1365.3							
4-Mar	24.9	2.7	17.4							1263.3							
5-Mar	27.9	5.5	19.3							1211.6							
6-Mar	26.6	0.8	18.6							1226.3							
7-Mar	31.7	1.0	22.2							965.6							
8-Mar	34.2	2.9	23.9							951.9							
9-Mar	25.1	4.9	17.6							1003.0							
10-Mar	32.2	16.8	28.5							1050.7							
11-Mar	30.0	6.6	21.0							927.6							
12-Mar	19.9	4.2	13.9							1468.2							
13-Mar	38.7	6.9	27.1							1130.8							
14-Mar	20.2	17.9	17.6							1158.6							
15-Mar	36.2	2.7	26.7							1236.6							
16-Mar	31.4	2.7	22.0							1269.1							
17-Mar	26.4	3.9	18.5							869.1							
18-Mar	26.6	4.5	16.6							1227.1							
19-Mar	24.7	12.6	17.3							1259.6							
20-Mar	29.2	6.6	19.7							1131.3							
21-Mar	31.5	8.2	22.1							1261.8							
22-Mar	36.4	2.1	26.6							1692.2							
23-Mar	24.3	4.0	17.0							24.2							
24-Mar	25.9	4.9	18.1							924.5							
25-Mar	24.0	4.0	16.3							1437.1							
26-Mar	28.1	8.6	18.7							1309.3							
27-Mar	29.9	6.6	20.3							1349.8							
28-Mar	37.4	6.9	25.6							1317.3							
29-Mar	37.6	6.9	26.5							1074.0							
30-Mar	28.9	4.5	18.8							874.8							
31-Mar	23.3	4.9	17.7							869.7							
Total	897.2	186.9	910.8	35.1	0	0	0	0.0	0.0	35110.3	34113.3	11747.2	7609.8	23344.0	11776.0	0	42409