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Environment Canada Environnement Canada

Final Analytical Results with QC data

PESC FOLDER # : 200500634

Location:	FARO MINE
Type of Sample:	Fresh Water/General (FWGE)
Submitted By:	John Miller Environment Canada 91782 Alaska Hwy Whitehorse, YT Canada Y1A 5B7 Phone: 867-667-4592 Fax: 867-667-7962
Logged In:	Wednesday April 27, 2005
Completed:	Thursday July 14, 2005 (540 results)
Client Code:	2562-101 2562-101 EP YUKON POLLUTION ABATEMENT
Sample Priority:	Normal

Authorized by: _____

Richard Strub
QA Officer

Notes:

CYANATE POURED FROM 1L BOTTLE AT PESC AND PRESERVED.

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TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Order No: 121828 - P03-03-02				**Arrival Temperature: 5°C**
Start Date: 4/21/2005 12:00:00AM Start Time: 1730				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 1.0	1.0	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	15	1	mg CaCO3 / L
Acidity, Total	FWGE	1275	10	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity, Total	FWGE	< 0.5	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	< 0.1	0.1	mg/L
Fluoride (F)	FWGE	< 0.01	0.01	mg/L
Sulphate (SO4)	FWGE	2250	50	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	4.21	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	3180	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	12	5	mg/L
Specific Conductance				
Conductivity	FWGE	2390	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	477	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	1730	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	2.58	0.05	mg/L
Antimony (Sb)	FWGE	0.34	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Barium (Ba)	FWGE	0.006	0.001	mg/L
Berylium (Be)	FWGE	0.016	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	116	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.177	0.005	mg/L
Copper (Cu)	FWGE	0.044	0.005	mg/L
Iron (Fe)	FWGE	551	0.3	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	45.5	0.1	mg/L
Manganese (Mn)	FWGE	19	0.05	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.24	0.02	mg/L
Phosphorus (P)	FWGE	0.4	0.1	mg/L
Potassium (K)	FWGE	5.0	0.1	mg/L
Selenium (Se)	FWGE	0.07	0.05	mg/L
Silicon (Si)	FWGE	23.3	0.05	mg/L
Silver (Ag)	FWGE	0.03	0.01	mg/L
Sodium (Na)	FWGE	13.3	0.1	mg/L
Strontium (Sr)	FWGE	0.486	0.001	mg/L
Sulfur (S)	FWGE	499	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	143	0.1	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.345	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.017	0.002	mg/L

Order No: 121829 - P03-03-03
Start Date: 4/21/2005 12:00:00AM Start Time: 1725

ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	59	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	6.6	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.8	0.1	mg/L
Fluoride (F)	FWGE	0.07	0.01	mg/L
Sulphate (SO4)	FWGE	375	10	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	5.60	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	542	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	< 5	5	mg/L
Specific Conductance				
Conductivity	FWGE	607	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	234	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	297	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	0.09	0.05	mg/L
Antimony (Sb)	FWGE	0.05	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.012	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	69.1	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.189	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	15.8	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	14.8	0.1	mg/L
Manganese (Mn)	FWGE	10.7	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.21	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Potassium (K)	FWGE	3.0	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	14.4	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	6.86	0.09	mg/L
Strontium (Sr)	FWGE	0.258	0.001	mg/L
Sulfur (S)	FWGE	92.7	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	8.56	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.119	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	< 0.002	0.002	mg/L

Order No: 121830 - P03-03-04
Start Date: 4/21/2005 12:00:00AM Start Time: 1650

ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	43	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	27.4	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.9	0.1	mg/L
Fluoride (F)	FWGE	0.04	0.01	mg/L
Sulphate (SO4)	FWGE	376	10	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	6.35	0.01	pH Units

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	557	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	19	5	mg/L
Specific Conductance				
Conductivity	FWGE	649	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	250	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	323	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.06	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.051	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	74.4	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.142	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	22	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	15.6	0.1	mg/L
Manganese (Mn)	FWGE	15.3	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	0.13	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	2.8	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	13	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	8.78	0.09	mg/L
Strontium (Sr)	FWGE	0.266	0.001	mg/L
Sulfur (S)	FWGE	98.1	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	3.27	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.241	0.005	mg/L
Total Phosphorus				

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Phosphorus, Total as P	FWGE	0.003	0.002	mg/L

Order No: 121831 - P03-03-05
Start Date: 4/21/2005 12:00:00AM Start Time: 1645

ALS

Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L

General

Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	32	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	86.8	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.9	0.1	mg/L
Fluoride (F)	FWGE	< 0.01	0.01	mg/L
Sulphate (SO4)	FWGE	458	10	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	6.76	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	803	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	52	5	mg/L
Specific Conductance				
Conductivity	FWGE	936	2	uS/cm

Metals

Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	380	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	485	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.08	0.05	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.122	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	116	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.027	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	22.6	0.05	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	22.4	0.1	mg/L
Manganese (Mn)	FWGE	34.9	0.01	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	3.0	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	11.4	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	26.1	0.09	mg/L
Strontium (Sr)	FWGE	0.409	0.001	mg/L
Sulfur (S)	FWGE	129	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.099	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.383	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.008	0.002	mg/L

Order No: 121832 - P03-03-06
Start Date: 4/21/2005 12:00:00AM Start Time: 1640

ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	8	1	mg CaCO3 / L
Acidity, Total	FWGE	197	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity, Total	FWGE	< 0.5	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	< 0.1	0.1	mg/L
Fluoride (F)	FWGE	< 0.01	0.01	mg/L
Sulphate (SO4)	FWGE	1970	50	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	4.31	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	2600	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	2130	5	mg/L
Specific Conductance				
Conductivity	FWGE	2650	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	943	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	1230	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.28	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.006	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	260	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	152	0.1	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	71.7	0.1	mg/L
Manganese (Mn)	FWGE	8.26	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Phosphorus (P)	FWGE	0.6	0.1	mg/L
Potassium (K)	FWGE	7.8	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	3.79	0.05	mg/L
Silver (Ag)	FWGE	0.02	0.01	mg/L
Sodium (Na)	FWGE	220	0.09	mg/L
Strontium (Sr)	FWGE	0.654	0.001	mg/L
Sulfur (S)	FWGE	503	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.083	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.438	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.53	0.01	mg/L

Order No: 121833 - P03-05-02
Start Date: 4/21/2005 12:00:00AM Start Time: 1835

ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	10	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	124	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.9	0.1	mg/L
Fluoride (F)	FWGE	0.06	0.01	mg/L
Sulphate (SO4)	FWGE	419	10	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	0.005	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
pH	FWGE	7.22	0.01	pH Units
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	25	5	mg/L
Specific Conductance				
Conductivity	FWGE	857	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	489	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	522	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.08	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.116	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	150	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	0.006	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	6.13	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	27.9	0.1	mg/L
Manganese (Mn)	FWGE	11.8	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	0.1	0.1	mg/L
Potassium (K)	FWGE	2.2	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	7.16	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	10.1	0.09	mg/L
Strontium (Sr)	FWGE	0.454	0.001	mg/L
Sulfur (S)	FWGE	126	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.026	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.107	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.008	0.002	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Order No: 121834 - P03-05-03				
Start Date: 4/21/2005 12:00:00AM Start Time: 1830				
ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	13	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	135	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.8	0.1	mg/L
Fluoride (F)	FWGE	0.10	0.01	mg/L
Sulphate (SO4)	FWGE	362	10	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	7.26	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	697	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	23	5	mg/L
Specific Conductance				
Conductivity	FWGE	841	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	430	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	452	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.06	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Barium (Ba)	FWGE	0.149	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	133	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	0.951	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	24.0	0.1	mg/L
Manganese (Mn)	FWGE	10.8	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L
Potassium (K)	FWGE	2.2	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	6.58	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	10.1	0.09	mg/L
Strontium (Sr)	FWGE	0.444	0.001	mg/L
Sulfur (S)	FWGE	103	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.024	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.143	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.010	0.002	mg/L

Order No: 121835 - P03-05-04
Start Date: 4/21/2005 12:00:00AM Start Time: 1755

ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	6	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	137	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.8	0.1	mg/L
Fluoride (F)	FWGE	0.09	0.01	mg/L
Sulphate (SO4)	FWGE	333	10	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	7.47	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	671	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	14	5	mg/L
Specific Conductance				
Conductivity	FWGE	790	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	427	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	449	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.06	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.159	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	132	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	0.191	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	23.6	0.1	mg/L
Manganese (Mn)	FWGE	11.5	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	< 0.1	0.1	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Potassium (K)	FWGE	2.1	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	6.45	0.05	mg/L
Silver (Ag)	FWGE	< 0.01	0.01	mg/L
Sodium (Na)	FWGE	10.1	0.09	mg/L
Strontium (Sr)	FWGE	0.437	0.001	mg/L
Sulfur (S)	FWGE	103	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.026	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.146	0.005	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.011	0.002	mg/L

Order No: 121836 - P03-05-05
Start Date: 4/21/2005 12:00:00AM Start Time: 1735

ALS				
Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	< 0.50	0.50	mg/L
General				
Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	54	1	mg CaCO3 / L
Acidity, Total	FWGE	208	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	10.5	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	0.8	0.1	mg/L
Fluoride (F)	FWGE	0.28	0.01	mg/L
Sulphate (SO4)	FWGE	1520	50	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	3.35	0.01	pH Units

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	1550	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	1140	5	mg/L
Specific Conductance				
Conductivity	FWGE	1730	2	uS/cm
Metals				
Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	640	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	1010	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.19	0.05	mg/L
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.023	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	163	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	191	0.1	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	56.9	0.1	mg/L
Manganese (Mn)	FWGE	17.0	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	0.3	0.1	mg/L
Potassium (K)	FWGE	5.2	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	7.50	0.05	mg/L
Silver (Ag)	FWGE	0.01	0.01	mg/L
Sodium (Na)	FWGE	38	0.09	mg/L
Strontium (Sr)	FWGE	0.453	0.001	mg/L
Sulfur (S)	FWGE	271	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.038	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	0.93	0.03	mg/L
Total Phosphorus				

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Phosphorus, Total as P	FWGE	0.39	0.01	mg/L

Order No: 121837 - P03-05-06
Start Date: 4/21/2005 12:00:00AM Start Time: 1735

ALS

Cyanate by ISE				
Cyanate	FWGE	< 0.50	0.50	mg/L
Thiocyanate by color				
Thiocyanate	FWGE	1.33	0.50	mg/L

General

Acidity total&pH4.5				
Acidity to pH 4.5	FWGE	< 1	1	mg CaCO3 / L
Acidity, Total	FWGE	12	1	mg CaCO3 / L
Alkalinity Tot-pH4.5				
Alkalinity to pH 4.5	FWGE	103	0.5	mg CaCO3 / L
ICA (Cl F SO4)				
Chloride (Cl)	FWGE	1.1	0.1	mg/L
Fluoride (F)	FWGE	6.2	0.2	mg/L
Sulphate (SO4)	FWGE	1750	50	mg/L
ICA (NO2 NO3 PO4 Br)				
Bromide (Br)	FWGE	< 0.05	0.05	mg/L
Nitrogen, Nitrate as N	FWGE	< 0.002	0.002	mg/L
Nitrogen, Nitrite as N	FWGE	< 0.005	0.005	mg/L
Phosphorus, Ortho as P	FWGE	< 0.05	0.05	mg/L
pH				
pH	FWGE	7.32	0.01	pH Units
Residue: Filterable				
Residue, Filterable (TDS)	FWGE	2520	10	mg/L
Residue: Nonfilt.				
Residue, Nonfilterable (NFR/TSS)	FWGE	325	5	mg/L
Specific Conductance				
Conductivity	FWGE	2680	2	uS/cm

Metals

Hardness CaMg diss.				
Hardness,Calcium+Magnesium - calc.	FWGE	1020	0.4	mg CaCO3 / L
Hardness Total diss.				
Hardness, Total - calc.	FWGE	1040	0.4	mg CaCO3 / L
ICP Dissolved				
Aluminum (Al)	FWGE	< 0.05	0.05	mg/L
Antimony (Sb)	FWGE	0.27	0.05	mg/L

TEST DESCRIPTION	MATRIX	RESULT	MDL	UNITS
Arsenic (As)	FWGE	< 0.05	0.05	mg/L
Barium (Ba)	FWGE	0.005	0.001	mg/L
Berylium (Be)	FWGE	< 0.001	0.001	mg/L
Boron (B)	FWGE	< 0.01	0.01	mg/L
Cadmium (Cd)	FWGE	< 0.005	0.005	mg/L
Calcium (Ca)	FWGE	159	0.1	mg/L
Chromium (Cr)	FWGE	< 0.005	0.005	mg/L
Cobalt (Co)	FWGE	< 0.005	0.005	mg/L
Copper (Cu)	FWGE	< 0.005	0.005	mg/L
Iron (Fe)	FWGE	9.26	0.005	mg/L
Lead (Pb)	FWGE	< 0.05	0.05	mg/L
Magnesium (Mg)	FWGE	151	0.1	mg/L
Manganese (Mn)	FWGE	0.125	0.001	mg/L
Molybdenum (Mo)	FWGE	< 0.01	0.01	mg/L
Nickel (Ni)	FWGE	< 0.02	0.02	mg/L
Phosphorus (P)	FWGE	0.6	0.1	mg/L
Potassium (K)	FWGE	35.3	0.1	mg/L
Selenium (Se)	FWGE	< 0.05	0.05	mg/L
Silicon (Si)	FWGE	3.92	0.05	mg/L
Silver (Ag)	FWGE	0.02	0.01	mg/L
Sodium (Na)	FWGE	275	0.09	mg/L
Strontium (Sr)	FWGE	0.135	0.001	mg/L
Sulfur (S)	FWGE	503	0.05	mg/L
Tin (Sn)	FWGE	< 0.05	0.05	mg/L
Titanium (Ti)	FWGE	< 0.002	0.002	mg/L
Vanadium (V)	FWGE	< 0.01	0.01	mg/L
Zinc (Zn)	FWGE	0.019	0.002	mg/L
Nutrients				
NH3				
Nitrogen, Ammonia as N	FWGE	3.5	0.1	mg/L
Total Phosphorus				
Phosphorus, Total as P	FWGE	0.095	0.002	mg/L

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE

Acidity total&pH4.5 **UNITS:** mg CaCO3 / L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Acidity to pH 4.5	122899-1		< 1		1	1	REP
Acidity, Total	122896-1	< MDL	< 1		1	1	BLE
Acidity, Total	122897-1	50	50	100.4	1	1	REF
Acidity, Total	122898-1	25	26.0	102.0	1	1	REF
Acidity, Total	122899-1		49	115.4	1	1	REP
Acidity, Total	122900-1		203	102.8	1	1	REP

Alkalinity Tot-pH4.5 **UNITS:** mg CaCO3 / L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Alkalinity to pH 4.5	122221-1	< MDL	> 1000		1	0.5	BLE
Alkalinity to pH 4.5	122224-1	50	51.6	103.2	1	0.5	REF
Alkalinity to pH 4.5	122227-1		44.6	99.3	1	0.5	REP
Alkalinity, Total	122221-1	< MDL	< 0.5		1	0.5	BLE
Alkalinity, Total	122224-1	50	> 1000		1	0.5	REF
Alkalinity, Total	122227-1		> 1000		1	0.5	REP

Hardness CaMg diss. **UNITS:** mg CaCO3 / L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Hardness,Calcium+Magnesium - ca	122718-1		< 0.4		1	0.4	BLE
Hardness,Calcium+Magnesium - ca	124182-1		< 0.4		1	0.4	BLE
Hardness,Calcium+Magnesium - ca	122722-1		776		1	0.4	REP
Hardness,Calcium+Magnesium - ca	122723-1		434		1	0.4	REP
Hardness,Calcium+Magnesium - ca	122724-1		< 0.4		1	0.4	REP
Hardness,Calcium+Magnesium - ca	124185-1		< 0.4		1	0.4	REP
Hardness,Calcium+Magnesium - ca	124186-1		2.6		1	0.4	REP
Hardness,Calcium+Magnesium - ca	124188-1		270		1	0.4	REP

Hardness Total diss. **UNITS:** mg CaCO3 / L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Hardness, Total - calc.	122718-1		< 0.4		1	0.4	BLE
Hardness, Total - calc.	124182-1		< 0.4		1	0.4	BLE
Hardness, Total - calc.	122722-1		811		1	0.4	REP
Hardness, Total - calc.	122723-1		435		1	0.4	REP
Hardness, Total - calc.	122724-1		< 0.4		1	0.4	REP
Hardness, Total - calc.	124185-1		< 0.4		1	0.4	REP
Hardness, Total - calc.	124186-1		5.7		1	0.4	REP
Hardness, Total - calc.	124188-1		271		1	0.4	REP

ICA (Cl F SO4) **UNITS:** mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Chloride (Cl)	123891-1	< MDL	< 0.1		1	0.1	BLE
Chloride (Cl)	124897-1	< MDL	< 0.1		1	0.1	BLE
Chloride (Cl)	123893-1	4.43	4.5	102.2	1	0.1	REF
Chloride (Cl)	124899-1	4.43	4.2	95.2	1	0.1	REF
Chloride (Cl)	123898-1		3.9	103.0	1	0.1	REP
Chloride (Cl)	124902-1		12.4	100.4	5	0.5	REP

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Fluoride (F)	123891-1	< MDL	< 0.01		1	0.01	BLE
Fluoride (F)	124897-1	< MDL	< 0.01		1	0.01	BLE
Fluoride (F)	123894-1	0.227	0.23	101.5	1	0.01	REF
Fluoride (F)	124900-1	0.227	0.22	98.7	1	0.01	REF
Fluoride (F)	123898-1		0.14	112.0	1	0.01	REP
Fluoride (F)	124902-1		< 0.01		1	0.01	REP
Sulphate (SO4)	123891-1	< MDL	< 0.5		1	0.5	BLE
Sulphate (SO4)	124897-1	< MDL	< 0.5		1	0.5	BLE
Sulphate (SO4)	123895-1	3.70	3.8	102.5	1	0.5	REF
Sulphate (SO4)	123898-1		51	100.0	5	3	REP
Sulphate (SO4)	124902-1		30	98.4	2	1	REP

ICA (NO2 NO3 PO4 Br) UNITS: mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Bromide (Br)	123892-1	< MDL	< 0.05		1	0.05	BLE
Bromide (Br)	123896-1	1.25	1.28	102.2	1	0.05	REF
Bromide (Br)	123897-1		< 0.05		1	0.05	REP
Nitrogen, Nitrate as N	123892-1	< MDL	< 0.002		1	0.002	BLE
Nitrogen, Nitrate as N	123896-1	0.250	0.253	101.1	1	0.002	REF
Nitrogen, Nitrate as N	123897-1		0.014	102.3	1	0.002	REP
Nitrogen, Nitrite as N	123892-1	< MDL	< 0.005		1	0.005	BLE
Nitrogen, Nitrite as N	123896-1	0.125	0.122	97.7	1	0.005	REF
Nitrogen, Nitrite as N	123897-1		< 0.005		1	0.005	REP
Phosphorus, Ortho as P	123892-1	< MDL	< 0.05		1	0.05	BLE
Phosphorus, Ortho as P	123896-1	1.25	1.11	88.8	1	0.05	REF
Phosphorus, Ortho as P	123897-1		< 0.05		1	0.05	REP

ICP Dissolved UNITS: mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Aluminum (Al)	122718-1	< MDL	< 0.05		1	0.05	BLE
Aluminum (Al)	124182-1	< MDL	< 0.05		1	0.05	BLE
Aluminum (Al)	122719-1	1.200	1.14	94.7	1	0.05	REF
Aluminum (Al)	124183-1	1.200	1.15	96.1	1	0.05	REF
Aluminum (Al)	122722-1		< 0.05		1	0.05	REP
Aluminum (Al)	122723-1		< 0.05		1	0.05	REP
Aluminum (Al)	122724-1		< 0.05		1	0.05	REP
Aluminum (Al)	124185-1		< 0.05		1	0.05	REP
Aluminum (Al)	124186-1		< 0.05		1	0.05	REP
Aluminum (Al)	124188-1		< 0.05		1	0.05	REP
Antimony (Sb)	122718-1	< MDL	< 0.05		1	0.05	BLE
Antimony (Sb)	124182-1	< MDL	< 0.05		1	0.05	BLE
Antimony (Sb)	122719-1	0.265	0.29	108.4	1	0.05	REF
Antimony (Sb)	124183-1	0.265	0.28	106.7	1	0.05	REF
Antimony (Sb)	122722-1		0.11	100.0	1	0.05	REP
Antimony (Sb)	122723-1		0.06	102.3	1	0.05	REP
Antimony (Sb)	122724-1		< 0.05		1	0.05	REP
Antimony (Sb)	124185-1		< 0.05		1	0.05	REP
Antimony (Sb)	124188-1		< 0.05		1	0.05	REP
Arsenic (As)	122718-1	< MDL	< 0.05		1	0.05	BLE
Arsenic (As)	124182-1	< MDL	< 0.05		1	0.05	BLE
Arsenic (As)	122719-1	0.284	0.25	89.3	1	0.05	REF

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Arsenic (As)	124183-1	0.284	0.29	102.9	1	0.05	REF
Arsenic (As)	122722-1		0.10	95.6	1	0.05	REP
Arsenic (As)	122723-1		< 0.05		1	0.05	REP
Arsenic (As)	122724-1		< 0.05		1	0.05	REP
Arsenic (As)	124185-1		< 0.05		1	0.05	REP
Arsenic (As)	124188-1		< 0.05		1	0.05	REP
Barium (Ba)	122718-1	< MDL	< 0.001		1	0.001	BLE
Barium (Ba)	124182-1	< MDL	0.003		1	0.001	BLE
Barium (Ba)	122719-1	0.335	0.334	99.8	1	0.001	REF
Barium (Ba)	124183-1	0.335	0.350	104.5	1	0.001	REF
Barium (Ba)	122722-1		0.083	102.0	1	0.001	REP
Barium (Ba)	122723-1		0.031	97.6	1	0.001	REP
Barium (Ba)	122724-1		< 0.001		1	0.001	REP
Barium (Ba)	124185-1		< 0.001		1	0.001	REP
Barium (Ba)	124186-1		0.019	98.8	1	0.001	REP
Barium (Ba)	124188-1		0.041	100.9	1	0.001	REP
Berylium (Be)	122718-1	< MDL	< 0.001		1	0.001	BLE
Berylium (Be)	124182-1	< MDL	< 0.001		1	0.001	BLE
Berylium (Be)	122719-1	0.111	0.113	101.4	1	0.001	REF
Berylium (Be)	124183-1	0.111	0.120	108.4	1	0.001	REF
Berylium (Be)	122722-1		< 0.001		1	0.001	REP
Berylium (Be)	122723-1		< 0.001		1	0.001	REP
Berylium (Be)	122724-1		< 0.001		1	0.001	REP
Berylium (Be)	124185-1		< 0.001		1	0.001	REP
Berylium (Be)	124188-1		< 0.001		1	0.001	REP
Boron (B)	122718-1	< MDL	< 0.01		1	0.01	BLE
Boron (B)	124182-1	< MDL	< 0.01		1	0.01	BLE
Boron (B)	122719-1	0.757	0.77	101.2	1	0.01	REF
Boron (B)	122720-1	0.11	0.09	81.8	1	0.01	REF
Boron (B)	124183-1	0.757	0.80	106.1	1	0.01	REF
Boron (B)	124184-1	0.11	0.12	105.1	1	0.01	REF
Boron (B)	122722-1		< 0.01		1	0.01	REP
Boron (B)	122723-1		< 0.01		1	0.01	REP
Boron (B)	122724-1		< 0.01		1	0.01	REP
Boron (B)	124185-1		< 0.01		1	0.01	REP
Boron (B)	124188-1		0.02	97.9	1	0.01	REP
Cadmium (Cd)	122718-1	< MDL	< 0.005		1	0.005	BLE
Cadmium (Cd)	124182-1	< MDL	< 0.005		1	0.005	BLE
Cadmium (Cd)	122719-1	0.446	0.442	99.1	1	0.005	REF
Cadmium (Cd)	124183-1	0.446	0.449	100.8	1	0.005	REF
Cadmium (Cd)	122722-1		< 0.005		1	0.005	REP
Cadmium (Cd)	122723-1		< 0.005		1	0.005	REP
Cadmium (Cd)	122724-1		< 0.005		1	0.005	REP
Cadmium (Cd)	124185-1		< 0.005		1	0.005	REP
Cadmium (Cd)	124188-1		< 0.005		1	0.005	REP
Calcium (Ca)	122718-1	< MDL	< 0.1		1	0.1	BLE
Calcium (Ca)	124182-1	< MDL	< 0.1		1	0.1	BLE
Calcium (Ca)	122720-1	81.1	85.3	105.2	1	0.1	REF
Calcium (Ca)	124184-1	81.1	86.0	106.1	1	0.1	REF
Calcium (Ca)	122722-1		267	99.8	1	0.1	REP
Calcium (Ca)	122723-1		130	99.1	1	0.1	REP
Calcium (Ca)	122724-1		< 0.1		1	0.1	REP

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Calcium (Ca)	124185-1		< 0.1		1	0.1	REP
Calcium (Ca)	124186-1		0.7	100.1	1	0.1	REP
Calcium (Ca)	124188-1		84.0	101.0	1	0.1	REP
Chromium (Cr)	122718-1	< MDL	< 0.005		1	0.005	BLE
Chromium (Cr)	124182-1	< MDL	< 0.005		1	0.005	BLE
Chromium (Cr)	122719-1	0.669	0.670	100.1	1	0.005	REF
Chromium (Cr)	124183-1	0.669	0.725	108.4	1	0.005	REF
Chromium (Cr)	122722-1		< 0.005		1	0.005	REP
Chromium (Cr)	122723-1		< 0.005		1	0.005	REP
Chromium (Cr)	122724-1		< 0.005		1	0.005	REP
Chromium (Cr)	124185-1		< 0.005		1	0.005	REP
Chromium (Cr)	124188-1		< 0.005		1	0.005	REP
Cobalt (Co)	122718-1	< MDL	< 0.005		1	0.005	BLE
Cobalt (Co)	124182-1	< MDL	< 0.005		1	0.005	BLE
Cobalt (Co)	122719-1	0.375	0.393	104.8	1	0.005	REF
Cobalt (Co)	124183-1	0.375	0.410	109.3	1	0.005	REF
Cobalt (Co)	122722-1		< 0.005		1	0.005	REP
Cobalt (Co)	122723-1		< 0.005		1	0.005	REP
Cobalt (Co)	122724-1		< 0.005		1	0.005	REP
Cobalt (Co)	124185-1		< 0.005		1	0.005	REP
Cobalt (Co)	124188-1		< 0.005		1	0.005	REP
Copper (Cu)	122718-1	< MDL	< 0.005		1	0.005	BLE
Copper (Cu)	124182-1	< MDL	< 0.005		1	0.005	BLE
Copper (Cu)	122719-1	0.445	0.440	98.8	1	0.005	REF
Copper (Cu)	124183-1	0.445	0.449	101.0	1	0.005	REF
Copper (Cu)	122722-1		< 0.005		1	0.005	REP
Copper (Cu)	122723-1		< 0.005		1	0.005	REP
Copper (Cu)	122724-1		< 0.005		1	0.005	REP
Copper (Cu)	124185-1		< 0.005		1	0.005	REP
Copper (Cu)	124186-1		0.842	98.8	1	0.005	REP
Copper (Cu)	124188-1		< 0.005		1	0.005	REP
Iron (Fe)	122718-1	< MDL	< 0.005		1	0.005	BLE
Iron (Fe)	124182-1	< MDL	< 0.005		1	0.005	BLE
Iron (Fe)	122719-1	1.010	1.06	105.1	1	0.005	REF
Iron (Fe)	124183-1	1.010	1.14	113.2	1	0.005	REF
Iron (Fe)	122722-1		9.45	99.9	1	0.005	REP
Iron (Fe)	122723-1		0.141	99.4	1	0.005	REP
Iron (Fe)	122724-1		< 0.005		1	0.005	REP
Iron (Fe)	124185-1		< 0.005		1	0.005	REP
Iron (Fe)	124186-1		0.344	98.7	1	0.005	REP
Iron (Fe)	124188-1		< 0.005		1	0.005	REP
Lead (Pb)	122718-1	< MDL	< 0.05		1	0.05	BLE
Lead (Pb)	124182-1	< MDL	< 0.05		1	0.05	BLE
Lead (Pb)	122719-1	0.492	0.49	99.3	1	0.05	REF
Lead (Pb)	124183-1	0.492	0.51	103.0	1	0.05	REF
Lead (Pb)	122722-1		< 0.05		1	0.05	REP
Lead (Pb)	122723-1		< 0.05		1	0.05	REP
Lead (Pb)	122724-1		< 0.05		1	0.05	REP
Lead (Pb)	124185-1		< 0.05		1	0.05	REP
Lead (Pb)	124186-1		0.79	98.7	1	0.05	REP
Lead (Pb)	124188-1		< 0.05		1	0.05	REP
Magnesium (Mg)	122718-1	< MDL	< 0.1		1	0.1	BLE

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Magnesium (Mg)	124182-1	< MDL	< 0.1		1	0.1	BLE
Magnesium (Mg)	122720-1	39.1	41.5	106.1	1	0.1	REF
Magnesium (Mg)	124184-1	39.1	42.2	107.9	1	0.1	REF
Magnesium (Mg)	122722-1		26.6	101.1	1	0.1	REP
Magnesium (Mg)	122723-1		26.5	99.0	1	0.1	REP
Magnesium (Mg)	122724-1		< 0.1		1	0.1	REP
Magnesium (Mg)	124185-1		< 0.1		1	0.1	REP
Magnesium (Mg)	124186-1		0.2	98.7	1	0.1	REP
Magnesium (Mg)	124188-1		14.7	99.5	1	0.1	REP
Manganese (Mn)	122718-1	< MDL	< 0.001		1	0.001	BLE
Manganese (Mn)	124182-1	< MDL	< 0.001		1.1	0.001	BLE
Manganese (Mn)	122719-1	0.727	0.756	104.0	1	0.001	REF
Manganese (Mn)	124183-1	0.727	0.778	107.0	1	0.001	REF
Manganese (Mn)	122722-1		9.87	99.7	1	0.001	REP
Manganese (Mn)	122723-1		0.166	98.2	1	0.001	REP
Manganese (Mn)	122724-1		< 0.001		1	0.001	REP
Manganese (Mn)	124185-1		< 0.001		1	0.001	REP
Manganese (Mn)	124186-1		0.062	98.3	1.1	0.001	REP
Manganese (Mn)	124188-1		< 0.001		1	0.001	REP
Molybdenum (Mo)	122718-1	< MDL	< 0.01		1	0.01	BLE
Molybdenum (Mo)	124182-1	< MDL	< 0.01		1	0.01	BLE
Molybdenum (Mo)	122719-1	0.601	0.59	98.2	1	0.01	REF
Molybdenum (Mo)	124183-1	0.601	0.63	105.1	1	0.01	REF
Molybdenum (Mo)	122722-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	122723-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	122724-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	124185-1		< 0.01		1	0.01	REP
Molybdenum (Mo)	124188-1		< 0.01		1	0.01	REP
Nickel (Ni)	122718-1	< MDL	< 0.02		1	0.02	BLE
Nickel (Ni)	124182-1	< MDL	< 0.02		1	0.02	BLE
Nickel (Ni)	122719-1	0.472	0.45	96.3	1	0.02	REF
Nickel (Ni)	124183-1	0.472	0.47	99.0	1	0.02	REF
Nickel (Ni)	122722-1		< 0.02		1	0.02	REP
Nickel (Ni)	122723-1		< 0.02		1	0.02	REP
Nickel (Ni)	122724-1		< 0.02		1	0.02	REP
Nickel (Ni)	124185-1		< 0.02		1	0.02	REP
Nickel (Ni)	124188-1		< 0.02		1	0.02	REP
Phosphorus (P)	122718-1	< MDL	< 0.1		1	0.1	BLE
Phosphorus (P)	124182-1	< MDL	< 0.1		1	0.1	BLE
Phosphorus (P)	122722-1		0.5	101.1	1	0.1	REP
Phosphorus (P)	122723-1		< 0.1		1	0.1	REP
Phosphorus (P)	122724-1		< 0.1		1	0.1	REP
Phosphorus (P)	124185-1		< 0.1		1	0.1	REP
Phosphorus (P)	124186-1		< 0.1		1	0.1	REP
Phosphorus (P)	124188-1		< 0.1		1	0.1	REP
Potassium (K)	122718-1	< MDL	< 0.1		1	0.1	BLE
Potassium (K)	124182-1	< MDL	< 0.1		1	0.1	BLE
Potassium (K)	122720-1	8.22	9.0	109.1	1	0.1	REF
Potassium (K)	124184-1	8.22	8.9	107.9	1	0.1	REF
Potassium (K)	122722-1		1.0	103.6	1	0.1	REP
Potassium (K)	122723-1		0.4	93.2	1	0.1	REP
Potassium (K)	122724-1		< 0.1		1	0.1	REP

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Potassium (K)	124185-1		< 0.1		1	0.1	REP
Potassium (K)	124186-1		0.4	102.9	1	0.1	REP
Potassium (K)	124188-1		3.2	100.5	1	0.1	REP
Selenium (Se)	122718-1	< MDL	< 0.05		1	0.05	BLE
Selenium (Se)	124182-1	< MDL	< 0.05		1	0.05	BLE
Selenium (Se)	122719-1	0.409	0.41	100.6	1	0.05	REF
Selenium (Se)	124183-1	0.409	0.44	106.7	1	0.05	REF
Selenium (Se)	122722-1		< 0.05		1	0.05	REP
Selenium (Se)	122723-1		< 0.05		1	0.05	REP
Selenium (Se)	122724-1		< 0.05		1	0.05	REP
Selenium (Se)	124185-1		< 0.05		1	0.05	REP
Selenium (Se)	124188-1		< 0.05		1	0.05	REP
Silicon (Si)	122718-1	< MDL	< 0.05		1	0.05	BLE
Silicon (Si)	124182-1	< MDL	< 0.05		1	0.05	BLE
Silicon (Si)	122720-1	5.18	5.30	102.3	1	0.05	REF
Silicon (Si)	124184-1	5.18	5.46	105.4	1	0.05	REF
Silicon (Si)	122722-1		7.93	99.4	1	0.05	REP
Silicon (Si)	122723-1		4.02	99.0	1	0.05	REP
Silicon (Si)	122724-1		< 0.05		1	0.05	REP
Silicon (Si)	124185-1		< 0.05		1	0.05	REP
Silicon (Si)	124186-1		0.08	98.9	1	0.05	REP
Silicon (Si)	124188-1		11.1	99.9	1	0.05	REP
Silver (Ag)	122718-1	< MDL	< 0.01		1	0.01	BLE
Silver (Ag)	124182-1	< MDL	< 0.01		1	0.01	BLE
Silver (Ag)	122719-1	0.177	0.17	95.4	1	0.01	REF
Silver (Ag)	124183-1	0.177	0.19	104.5	1	0.01	REF
Silver (Ag)	122722-1		< 0.01		1	0.01	REP
Silver (Ag)	122723-1		< 0.01		1	0.01	REP
Silver (Ag)	122724-1		< 0.01		1	0.01	REP
Silver (Ag)	124185-1		< 0.01		1	0.01	REP
Silver (Ag)	124188-1		< 0.01		1	0.01	REP
Sodium (Na)	122718-1	< MDL	0.09000000		0.9	00000	BLE
Sodium (Na)	124182-1	< MDL	< 0.1		1	0.1	BLE
Sodium (Na)	122720-1	59.0	58.8	99.7	0.9	00000	REF
Sodium (Na)	124184-1	59.0	63.0	106.8	1	0.1	REF
Sodium (Na)	122722-1		2.86	107.5	0.9	00000	REP
Sodium (Na)	122723-1		1.30	98.0	0.9	00000	REP
Sodium (Na)	122724-1		0.09000000		0.9	00000	REP
Sodium (Na)	124185-1		< 0.1		1	0.1	REP
Sodium (Na)	124186-1		1.3	97.5	1	0.1	REP
Sodium (Na)	124188-1		9.7	100.6	1	0.1	REP
Strontium (Sr)	122718-1	< MDL	< 0.001		1	0.001	BLE
Strontium (Sr)	124182-1	< MDL	< 0.001		1	0.001	BLE
Strontium (Sr)	122719-1	0.104	0.106	101.6	1	0.001	REF
Strontium (Sr)	124183-1	0.104	0.109	105.1	1	0.001	REF
Strontium (Sr)	122722-1		0.363	101.6	1	0.001	REP
Strontium (Sr)	122723-1		0.235	98.7	1	0.001	REP
Strontium (Sr)	122724-1		< 0.001		1	0.001	REP
Strontium (Sr)	124185-1		< 0.001		1	0.001	REP
Strontium (Sr)	124186-1		0.006	99.0	1	0.001	REP
Strontium (Sr)	124188-1		0.501	101.0	1	0.001	REP
Sulfur (S)	122718-1	< MDL	0.04500000		0.9	00000	BLE

QC Information:

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Sulfur (S)	124182-1	< MDL	< 0.05		1	0.05	BLE
Sulfur (S)	122720-1	65	63.7	98.0	0.9	00000	REF
Sulfur (S)	124184-1	65	71.3	109.7	1	0.05	REF
Sulfur (S)	122722-1		161	100.3	0.9	00000	REP
Sulfur (S)	122723-1		99.1	97.8	0.9	00000	REP
Sulfur (S)	122724-1		0.04500000		0.9	00000	REP
Sulfur (S)	124185-1		< 0.05		1	0.05	REP
Sulfur (S)	124186-1		3.86	98.7	1	0.05	REP
Sulfur (S)	124188-1		11.5	99.7	1	0.05	REP
Tin (Sn)	122718-1	< MDL	< 0.05		1	0.05	BLE
Tin (Sn)	124182-1	< MDL	< 0.05		1	0.05	BLE
Tin (Sn)	122722-1		< 0.05		1	0.05	REP
Tin (Sn)	122723-1		< 0.05		1	0.05	REP
Tin (Sn)	122724-1		< 0.05		1	0.05	REP
Tin (Sn)	124185-1		< 0.05		1	0.05	REP
Tin (Sn)	124188-1		< 0.05		1	0.05	REP
Titanium (Ti)	122718-1	< MDL	< 0.002		1	0.002	BLE
Titanium (Ti)	124182-1	< MDL	< 0.002		1	0.002	BLE
Titanium (Ti)	122722-1		< 0.002		1	0.002	REP
Titanium (Ti)	122723-1		< 0.002		1	0.002	REP
Titanium (Ti)	122724-1		< 0.002		1	0.002	REP
Titanium (Ti)	124185-1		< 0.002		1	0.002	REP
Titanium (Ti)	124186-1		< 0.002		1	0.002	REP
Titanium (Ti)	124188-1		< 0.002		1	0.002	REP
Vanadium (V)	122718-1	< MDL	< 0.01		1	0.01	BLE
Vanadium (V)	124182-1	< MDL	< 0.01		1	0.01	BLE
Vanadium (V)	122719-1	0.550	0.54	99.0	1	0.01	REF
Vanadium (V)	124183-1	0.550	0.57	104.3	1	0.01	REF
Vanadium (V)	122722-1		< 0.01		1	0.01	REP
Vanadium (V)	122723-1		< 0.01		1	0.01	REP
Vanadium (V)	122724-1		< 0.01		1	0.01	REP
Vanadium (V)	124185-1		< 0.01		1	0.01	REP
Vanadium (V)	124188-1		< 0.01		1	0.01	REP
Zinc (Zn)	122718-1	< MDL	< 0.002		1	0.002	BLE
Zinc (Zn)	124182-1	< MDL	< 0.002		1	0.002	BLE
Zinc (Zn)	122719-1	0.726	0.744	102.4	1	0.002	REF
Zinc (Zn)	124183-1	0.726	0.785	108.1	1	0.002	REF
Zinc (Zn)	122722-1		0.030	96.4	1	0.002	REP
Zinc (Zn)	122723-1		0.223	99.1	1	0.002	REP
Zinc (Zn)	122724-1		< 0.002		1	0.002	REP
Zinc (Zn)	124185-1		< 0.002		1	0.002	REP
Zinc (Zn)	124186-1		0.352	98.5	1	0.002	REP
Zinc (Zn)	124188-1		0.016	100.5	1	0.002	REP

NH3 UNITS: mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Nitrogen, Ammonia as N	122436-1	< MDL	< 0.005		1	0.005	BLE
Nitrogen, Ammonia as N	122658-1	< MDL	< 0.005		1	0.005	BLE
Nitrogen, Ammonia as N	122437-1	13.4	14.3	106.3	50	0.3	REF
Nitrogen, Ammonia as N	122659-1	13.4	13.0	97.0	50	0.3	REF
Nitrogen, Ammonia as N	122438-1		0.137	95.8	1	0.005	REP
Nitrogen, Ammonia as N	122661-1		< 0.005		1	0.005	REP

QC Information:

pH **UNITS:** pH Units **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
pH	122219-1	6.14	5.95		1	0.01	BLE
pH	122223-1	7.40	7.40	100.0	1	0.01	REF
pH	122225-1		8.01	100.1	1	0.01	REP

Residue: Filterable **UNITS:** mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Residue, Filterable (TDS)	123195-1	< MDL	< 10		1	10	BLE
Residue, Filterable (TDS)	123196-1	< MDL	< 10		1	10	BLE
Residue, Filterable (TDS)	123197-1	< MDL	< 10		1	10	BLE
Residue, Filterable (TDS)	123198-1	200	203	101.3	1	10	REF
Residue, Filterable (TDS)	123199-1	200	205	102.4	1	10	REF
Residue, Filterable (TDS)	123200-1		713	106.3	1	10	REP
Residue, Filterable (TDS)	123201-1		1030	98.9	1	10	REP
Residue, Filterable (TDS)	123202-1		314	101.2	1	10	REP

Residue: Nonfilt. **UNITS:** mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Residue, Nonfilterable (NFR/TSS)	123212-1	< MDL	< 5		1	5	BLE
Residue, Nonfilterable (NFR/TSS)	123213-1	< MDL	< 5		1	5	BLE
Residue, Nonfilterable (NFR/TSS)	123215-1	152	142	93.6	1	5	REF
Residue, Nonfilterable (NFR/TSS)	123217-1		2110	99.3	1	5	REP
Residue, Nonfilterable (NFR/TSS)	123218-1		15	88.3	1	5	REP
Residue, Nonfilterable (NFR/TSS)	123219-1		< 5		1	5	REP

Specific Conductance **UNITS:** uS/cm **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Conductivity	122220-1	< MDL	< 2		1	2	BLE
Conductivity	123265-1	< MDL	< 2		1	2	BLE
Conductivity	122222-1	100	103	103.0	1	2	REF
Conductivity	123268-1	100	103	103.0	1	2	REF
Conductivity	122226-1		180	95.7	1	2	REP
Conductivity	123272-1		265	100.0	1	2	REP

Total Phosphorus **UNITS:** mg/L **MATRIX:** FWGE

ANALYTE	ALIQ#	EXPECTED	RESULT	% REC	DIL'N	MDL	QC TYPE
Phosphorus, Total as P	121980-1	< MDL	< 0.002		1	0.002	BLE
Phosphorus, Total as P	121979-1	1.67	1.64	97.9	25	0.05	REF
Phosphorus, Total as P	121981-1		< 0.002		1	0.002	REP
Phosphorus, Total as P	121982-1		< 0.002		1	0.002	REP
Phosphorus, Total as P	121983-1		0.012	118.2	1	0.002	REP
Phosphorus, Total as P	121984-1		0.046	102.7	1	0.002	REP
Phosphorus, Total as P	121985-1		< 0.002		1	0.002	REP

Note: **All QC information is batch associated. Duplicate analysis are not necessarily those of this report. Percent recovery for duplicate analysis represents the percent recovery of REP2 as compared to REP1 of a sample duplicate.**

BLE - Blank, Equipment	BLL - Blank, Method	BLX - Blank, Extraction
REA - Replicate Spike, Known Addition	REF - Reference Material	REG - Regular Sample
RRF - Replicate Reference Material	REK - Replicate, Spike	REP - Replicate, Regular
RTS - Replicate Test Sample	SPA - Spike, Known Addition	SPK - Spike
TST - Test Sample 1=Present 2=Absent	MDL - Method Detection Limit	

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Billing Estimate

------- Not an Invoice Do not Pay -------

PESC FOLDER # :

Invoice:

Location:

TEST DESCRIPTION	MATRIX	QTY	UNITPRICE	PENALTY	SURCHARGE	NETPRICE

Charges

Total Charged To:

Penalty - A charge that removed from the price due to a test performed after a certian penalty time.
Surcharge - A service charge that is applied when tests are performed by a contract Lab.