Your C.O.C. #: 309526

Attention: RICHARD GAGNE
Earth-Water Concepts Inc
PO Box 51015
Halifax, NS
B3M 4R8

Report Date: 2005/08/16

ANALYTICAL REPORT

MAXXAM JOB #: A576047
Received: 2005/08/09, 15:15

Sample Matrix: Soil
Samples Received: 13

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Mercury (CVAA) (1)	13	N/A	2005/08/15	3425_1_2	Based on EPA245.5
Elements by ICPMS (FIAS)	12	N/A	2005/08/12	3013_1_1	Based on EPA6020A
Elements by ICPMS (FIAS)	1	N/A	2005/08/15	3013_1_1	Based on EPA6020A

(1) SCC/CAEAL

MAXXAM ANALYTICS INC.

KERI MACKAY
Project Manager

KMA/lad
encl.

Total cover pages: 1

Maxxam Job #: A576047
Report Date: 2005/08/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (SOIL)

Maxxam ID		H58916	H58930	H58930		H58931		
Sampling Date								
COC Number		309526	309526	309526		309526		
	Units	**102F01-GMA1**	**102F01-GMA2**	**102F01-GMA2 Dup**	**DL**	**102F01-GMA3**	**DL**	**QC Batch**
Elements								
Mercury (Hg)	mg/kg	24	30		1	13	0.4	799231
Available Arsenic (As)	mg/kg	1600	6700	6100	2	8000	2	798716

QC Batch = Quality Control Batch

Maxxam ID		H58932	H58933		H58934	H58935		
Sampling Date								
COC Number		309526	309526		309526	309526		
	Units	**102F01-GMA4**	**102F01-GMA5**	**DL**	**102F01-GMA6**	**102F01-GMA7**	**DL**	**QC Batch**
Elements								
Mercury (Hg)	mg/kg	11	9.9	0.2	19	21	1	799231
Available Arsenic (As)	mg/kg	2600	1100	2	2200	1600	2	798716

QC Batch = Quality Control Batch

Maxxam ID		H58936	H58937		H58938	H58939		
Sampling Date								
COC Number		309526	309526		309526	309526		
	Units	**102F01-GMA8**	**102F01-GMA9**	**DL**	**102F01-T1**	**102F01-T2**	**DL**	**QC Batch**
Elements								
Mercury (Hg)	mg/kg	26	31	1	4.7	3.1	0.1	799231
Available Arsenic (As)	mg/kg	1300	3400	2	1700	150	2	798716

QC Batch = Quality Control Batch

Maxxam ID		H58939	H58940		H58941		
Sampling Date							
COC Number		309526	309526		309526		
	Units	**102F01-T2 Dup**	**102F01-T3**	**QC Batch**	**102F01-T4**	**DL**	**QC Batch**
Elements							
Mercury (Hg)	mg/kg		8.1	799231	6.4	0.1	799231
Available Arsenic (As)	mg/kg	160	14	798716	1100	2	799670

QC Batch = Quality Control Batch

Maxxam Job #: A576047
Report Date: 2005/08/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

GENERAL COMMENTS

Results relate only to the items tested.

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report

Maxxam Job Number: DA576047

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
798716	KMC	MATRIX SPIKE						
		[H58936-01]	Available Arsenic (As)	2005/08/12		490 (1)	%	75 - 125
		QC STANDARD	Available Arsenic (As)	2005/08/12		107	%	75 - 125
		Spiked Blank	Available Arsenic (As)	2005/08/12		98	%	75 - 125
		Method Blank	Available Arsenic (As)	2005/08/12	ND, DL=2		mg/kg	
		RPD						
		[H58930-01]	Available Arsenic (As)	2005/08/12	10.0		%	35
			Available Arsenic (As)	2005/08/12	8.3		%	35
799231	SSI	MATRIX SPIKE	Mercury (Hg)	2005/08/15		95	%	75 - 125
		QC STANDARD	Mercury (Hg)	2005/08/15		91	%	75 - 125
		Spiked Blank	Mercury (Hg)	2005/08/15		106	%	75 - 125
		Method Blank	Mercury (Hg)	2005/08/15	ND, DL=0.01		mg/kg	
		RPD	Mercury (Hg)	2005/08/15	NC		%	35
799670	KMC	MATRIX SPIKE	Available Arsenic (As)	2005/08/15		87	%	75 - 125
		QC STANDARD	Available Arsenic (As)	2005/08/15		106	%	75 - 125
		Spiked Blank	Available Arsenic (As)	2005/08/15		95	%	75 - 125
		Method Blank	Available Arsenic (As)	2005/08/15	ND, DL=2		mg/kg	
		RPD	Available Arsenic (As)	2005/08/15	NC		%	35

ND = Not detected
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample
(1) Please note that the recovery of some compounds are outside control limits however the overall quality control for this analysis meets our acceptability criteria.

Bedford: 200 Bluewater Road Bedford NS B4B 1G9 Telephone(902)420-0203 FAX(902)420-8612

Earth-Water Concepts Inc.
P.O. Box 51015
Halifax, NS
Canada B3M 4R8

Attention: RICHARD GAGNE

Report Date: 2005/04/27

Your C.O.C. #: 318425

ANALYTICAL REPORT

MAXXAM JOB #: A529838
Received: 2005/04/15, 14:21

Sample Matrix: Water
Samples Received: 12

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Carbonate, Bicarbonate and Hydroxide	12	N/A	2005/04/19		
Alkalinity (1)	6	N/A	2005/04/19	2015_1_2	Based on EPA310.2
Alkalinity (1)	6	N/A	2005/04/20	2015_1_2	Based on EPA310.2
Chloride	12	N/A	2005/04/19	2045_1_2	Based on SM4500-Cl-
Colour	12	N/A	2005/04/19	2156_1_1	Based on EPA110.2
Conductance - water	12	N/A	2005/04/19	1013_1_2	Based on SM2510B
TEH in Water (PIRI) (1)	6	2005/04/19	2005/04/21	9025_1_5	Based on Atl. PIRI
Hardness (calculated as CaCO3)	12	N/A	2005/04/19		
Mercury (Total)	6	N/A	2005/04/19	3425_1_2	CVAA
Dis.metals in water ICP-OES	11	N/A	2005/04/20	3120_2_1	Based on EPA200.7
Total metals in water OES	1	N/A	2005/04/21	SOP 3120_2_1	Based on EPA200.7
Elements by ICPMS - dissolved (FIAS)	11	N/A	2005/04/20	3013_1_1	Based on EPA6020A
Elements by ICPMS - Total (FIAS) (1)	1	N/A	2005/04/21	3013_1_1	Based on EPA6020A
Ion Balance (% Difference)	12	N/A	2005/04/19		
Anion and Cation Sum	12	N/A	2005/04/19		
Nitrogen Ammonia - water	12	N/A	2005/04/19	2105_1_2	Based on USEPA 350.1
Nitrogen - Nitrate + Nitrite (1)	12	N/A	2005/04/19	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrite (1)	12	N/A	2005/04/19	2125_1_1	Based on USEPA 354.1
Nitrogen - Nitrate (as N) (1)	12	N/A	2005/04/19	SOP 2130_1_1	Based on ASTMD3867
pH (1)	12	N/A	2005/04/19	1007_1_1/1011_1_2	Based on EPA150.1
Phosphorus - ortho (1)	12	N/A	2005/04/19	2165_1_1	Based on USEPA 365.1
VPH in Water (PIRI) (1)	6	2005/04/19	2005/04/21	9120_1_5	Based on Atl. PIRI
Sat. pH and Langelier Index (@ 20C)	12	N/A	2005/04/19		
Sat. pH and Langelier Index (@ 4C)	12	N/A	2005/04/19		
Reactive Silica (1)	12	N/A	2005/04/19	2185_1_1	Based on EPA 366.0
Sulphate (1)	6	N/A	2005/04/19	4065_1_2	Based on EPA 375.4
Sulphate (1)	6	N/A	2005/04/20	4065_1_2	Based on EPA 375.4
Total Dissolved Solids (TDS calc)	12	N/A	2005/04/19		
Organic carbon - Total (TOC) (1)	11	N/A	2005/04/19	2020_1_3	Based on SM 5310C
Organic carbon - Total (TOC) (1)	1	N/A	2005/04/20	2020_1_3	Based on SM 5310C
ModTPH (T1) Calc. for Water (1)	1	N/A	N/A		Based on Atl. PIRI
ModTPH (T1) Calc. for Water (1)	5	N/A	2005/04/22		Based on Atl. PIRI
Turbidity (1)	12	N/A	2005/04/20	1040_2_4	based on EPA 180.1
Volatile Organic Compounds in Water	6	N/A	2005/04/20	9615_1_3	Based on EPA624

(1) SCC/CAEAL

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Earth-Water Concepts Inc.
P.O. Box 51015
Halifax, NS
Canada B3M 4R8

Attention: RICHARD GAGNE **Report Date: 2005/04/27**

Your C.O.C. #: 318425

ANALYTICAL REPORT

MAXXAM ANALYTICS INC.

Total cover pages: 2

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F61105	F61110	F61111	F61112	F61113		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-1**	**102F01-4-2**	**102F01-4-3**	**102F01-4-4**	**102F01-4-5**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	6.6	38	18	7.3	29	1	719893
Dissolved Sulphate (SO4)	mg/L	ND	ND	ND	ND	ND	2	719863
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	ND	ND	ND	ND	ND	5	719889
Colour	TCU	68	57	80	72	72	30	719467
pH	pH	4.70	5.24	4.71	4.91	5.82	N/A	719541
Reactive Silica (SiO2)	mg/L	2.4	2.2	2.6	3.2	2.0	0.5	719609
Turbidity	NTU	0.3	0.6	1.2	1.3	0.3	0.1	720294
Conductivity	uS/cm	41	140	76	42	120	1	719564
Nutrients								
Nitrate + Nitrite	mg/L	0.05	0.06	0.14	0.06	0.06	0.05	719503
Nitrite (N)	mg/L	ND	ND	ND	ND	ND	0.01	719607
Nitrogen (Ammonia Nitrogen)	mg/L	0.07	0.06	ND	ND	ND	0.05	719844
Total Organic Carbon (C)	mg/L	11	8.6	11	12	12	0.5	719448
Orthophosphate (P)	mg/L	ND	ND	ND	ND	ND	0.01	719854

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F61113			F61115	F61115		
Sampling Date								
COC Number		318425			318425	318425		
	Units	**102F01-4-5 Dup**	**DL**	**QC Batch**	**102F01-4-9**	**102F01-4-9 Dup**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L		1	719893	12	12	1	719893
Dissolved Sulphate (SO4)	mg/L		2	719863	5.7	5.6	2	719863
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L		5	719889	120		50	724423
Colour	TCU		30	719467	ND	ND	5	719467
pH	pH		N/A	719541	6.72		N/A	719541
Reactive Silica (SiO2)	mg/L		0.5	719609	9.7	9.6	0.5	719609
Turbidity	NTU		0.1	720294	<0.1		0.1	720294
Conductivity	uS/cm		1	719564	250		1	719564
Nutrients								
Nitrate + Nitrite	mg/L		0.05	719503	0.06		0.05	719503
Nitrite (N)	mg/L		0.01	719607	ND	ND	0.01	719607
Nitrogen (Ammonia Nitrogen)	mg/L		0.05	719844	ND	ND	0.05	719844
Total Organic Carbon (C)	mg/L	10	0.5	719448	0.6		0.5	720291
Orthophosphate (P)	mg/L		0.01	719854	ND	ND	0.01	719854

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F61117		F61118		F61120		
Sampling Date								
COC Number		318425		318425		318425		
	Units	**102F01-4-2A**	**DL**	**102F01-4-2B**	**DL**	**102F01-4-3A**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	7.6	1	7.2	1	10	1	719999
Dissolved Sulphate (SO4)	mg/L	ND	2	3.6	2	3.2	2	720270
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	27	5	ND	5	47	5	720808
Colour	TCU	18	5	ND	5	ND	5	720127
pH	pH	6.86	N/A	6.31	N/A	6.66	N/A	719541
Reactive Silica (SiO2)	mg/L	18	0.5	5.5	0.5	8.1	0.5	720011
Turbidity	NTU	98	0.1	770	0.1	120	0.1	720294
Conductivity	uS/cm	110	1	44	1	150	1	719564
Nutrients								
Nitrate + Nitrite	mg/L	ND	0.05	0.07	0.05	0.07	0.05	719503
Nitrite (N)	mg/L	ND	0.01	ND	0.01	ND	0.01	720148
Nitrogen (Ammonia Nitrogen)	mg/L	ND	0.05	ND	0.05	ND	0.05	720035
Total Organic Carbon (C)	mg/L	ND	5	ND	50	ND	5	719448
Orthophosphate (P)	mg/L	ND	0.01	ND	0.01	ND	0.01	720098

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F61121		F61122		F61124		
Sampling Date								
COC Number		318425		318425		318425		
	Units	**102F01-4-3B**	**QC Batch**	**102F01-4-4A**	**QC Batch**	**102F01-4-4B**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	9.8	719999	6.5	719999	6.6	1	719999
Dissolved Sulphate (SO4)	mg/L	2.9	720270	3.1	720270	2.7	2	720270
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	35	720808	42	720808	35	5	720808
Colour	TCU	ND	720127	ND	720127	ND	5	720127
pH	pH	6.80	719541	7.00	719541	6.95	N/A	719541
Reactive Silica (SiO2)	mg/L	7.6	720011	9.5	720011	8.9	0.5	720011
Turbidity	NTU	1.4	720294	8.3	720294	110	0.1	720294
Conductivity	uS/cm	130	719564	130	719564	120	1	719564
Nutrients								
Nitrate + Nitrite	mg/L	0.06	719503	0.13	719503	0.10	0.05	719462
Nitrite (N)	mg/L	ND	720148	ND	720148	ND	0.01	720148
Nitrogen (Ammonia Nitrogen)	mg/L	ND	720035	ND	720035	0.05	0.05	720035
Total Organic Carbon (C)	mg/L	0.8	719448	ND	719463	ND	0.5	719463
Orthophosphate (P)	mg/L	ND	720098	ND	720098	ND	0.01	720098

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F61124		
Sampling Date				
COC Number		318425		
	Units	**102F01-4-4B Dup**	**DL**	**QC Batch**
ANIONS				
Dissolved Chloride (Cl)	mg/L	6.6	1	719999
Dissolved Sulphate (SO4)	mg/L	2.8	2	720270
CONVENTIONALS				
Total Alkalinity (Total as CaCO3)	mg/L	39	5	720808
Colour	TCU	ND	5	720127
pH	pH	6.95	N/A	719541
Reactive Silica (SiO2)	mg/L	8.8	0.5	720011
Turbidity	NTU	120	0.1	720294
Conductivity	uS/cm	120	1	719564
Nutrients				
Nitrite (N)	mg/L	ND	0.01	720148
Nitrogen (Ammonia Nitrogen)	mg/L	ND	0.05	720035
Orthophosphate (P)	mg/L	ND	0.01	720098

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

EXTRACTABLE HYDROCARBONS (PIRI)

Maxxam ID		F61117	F61118	F61120	F61121	F61122		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-2A**	**102F01-4-2B**	**102F01-4-3A**	**102F01-4-3B**	**102F01-4-4A**	**DL**	**QC Batch**
Hydrocarbons								
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	ND	ND	0.05	719492
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	ND	ND	0.1	719492
Modified TPH (Tier1)	mg/L	ND	ND	ND	ND	ND	0.1	718850
Volatile Hydrocarbons								
Benzene	mg/L	ND	ND	ND	ND	ND	0.001	719276
Toluene	mg/L	ND	ND	ND	ND	ND	0.001	719276
Ethylbenzene	mg/L	ND	ND	ND	ND	ND	0.001	719276
Xylene (Total)	mg/L	ND	ND	ND	ND	ND	0.002	719276
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	ND	ND	0.01	719276
Surrogate Recovery (%)								
Isobutylbenzene - Extractable	%	100	97	95	94	97		719492
n-Dotriacontane - Extractable	%	89	85	82	91	90		719492
Isobutylbenzene - Volatile	%	96	93	96	96	95		719276

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

EXTRACTABLE HYDROCARBONS (PIRI)

Maxxam ID		F61124	F61124		
Sampling Date					
COC Number		318425	318425		
	Units	**102F01-4-4B**	**102F01-4-4B Dup**	**DL**	**QC Batch**
Hydrocarbons					
>C10-C21 Hydrocarbons	mg/L	ND	ND	0.05	719492
>C21-<C32 Hydrocarbons	mg/L	ND	ND	0.1	719492
Modified TPH (Tier1)	mg/L	ND	ND	0.1	718850
Volatile Hydrocarbons					
Benzene	mg/L	ND	ND	0.001	719276
Toluene	mg/L	ND	ND	0.001	719276
Ethylbenzene	mg/L	ND	ND	0.001	719276
Xylene (Total)	mg/L	ND	ND	0.002	719276
C6 - C10 (less BTEX)	mg/L	ND	ND	0.01	719276
Surrogate Recovery (%)					
Isobutylbenzene - Extractable	%	100	97		719492
n-Dotriacontane - Extractable	%	95	89		719492
Isobutylbenzene - Volatile	%	96	88		719276

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F61105	F61110	F61111	F61112	F61113		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-1**	**102F01-4-2**	**102F01-4-3**	**102F01-4-4**	**102F01-4-5**	**DL**	**QC Batch**
Elements								
Dissolved Aluminum (Al)	ug/L	210	200	180	370	240	10	720279
Dissolved Antimony (Sb)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Arsenic (As)	ug/L	ND	ND	3.0	ND	8.8	2	720279
Dissolved Barium (Ba)	ug/L	ND	10	ND	5.1	5.7	5	720279
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Boron (B)	ug/L	ND	ND	ND	ND	ND	5	720279
Dissolved Calcium (Ca)	mg/L	0.3	3.1	1.7	1.3	4.2	0.1	720837
Dissolved Cadmium (Cd)	ug/L	ND	ND	ND	ND	ND	0.3	720279
Dissolved Potassium (K)	mg/L	0.5	0.8	0.7	0.4	0.4	0.1	720837
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Magnesium (Mg)	mg/L	0.4	0.7	0.7	0.5	0.9	0.1	720837
Dissolved Cobalt (Co)	ug/L	ND	ND	ND	ND	2.6	1	720279
Dissolved Sodium (Na)	mg/L	4.4	24	11	4.9	17	0.1	720837
Dissolved Copper (Cu)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Phosphorus (P)	mg/L	ND	ND	ND	ND	ND	0.1	720837
Dissolved Iron (Fe)	ug/L	300	150	190	370	420	50	720279
Dissolved Lead (Pb)	ug/L	ND	0.6	0.6	0.6	ND	0.5	720279
Dissolved Manganese (Mn)	ug/L	9.8	38	52	6.3	520	2	720279
Dissolved Molybdenum (Mo)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Nickel (Ni)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Selenium (Se)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Silver (Ag)	ug/L	ND	ND	ND	ND	ND	0.5	720279
Dissolved Strontium (Sr)	ug/L	ND	17	12	5.2	29	5	720279
Dissolved Thallium (Tl)	ug/L	ND	ND	ND	ND	ND	0.1	720279
Dissolved Tin (Sn)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Titanium (Ti)	ug/L	2.6	2.4	ND	4.3	2.0	2	720279
Dissolved Uranium (U)	ug/L	ND	ND	ND	ND	ND	0.1	720279
Dissolved Vanadium (V)	ug/L	ND	ND	ND	ND	ND	2	720279
Dissolved Zinc (Zn)	ug/L	ND	5.4	8.1	34	6.8	5	720279

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F61115	F61117	F61118	F61120	F61121		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-9**	**102F01-4-2A**	**102F01-4-2B**	**102F01-4-3A**	**102F01-4-3B**	**DL**	**QC Batch**
METALS								
Total Aluminum (Al)	ug/L	ND					10	721316
Total Antimony (Sb)	ug/L	ND					2	721316
Total Arsenic (As)	ug/L	ND					2	721316
Total Barium (Ba)	ug/L	ND					5	721316
Total Beryllium (Be)	ug/L	ND					2	721316
Total Bismuth (Bi)	ug/L	ND					2	721316
Total Boron (B)	ug/L	17					5	721316
Total Cadmium (Cd)	ug/L	ND					0.3	721316
Total Chromium (Cr)	ug/L	ND					2	721316
Total Cobalt (Co)	ug/L	5.8					1	721316
Total Copper (Cu)	ug/L	11					2	721316
Total Iron (Fe)	ug/L	ND					50	721316
Total Lead (Pb)	ug/L	ND					0.5	721316
Total Manganese (Mn)	ug/L	1100					2	721316
Total Molybdenum (Mo)	ug/L	ND					2	721316
Total Nickel (Ni)	ug/L	4.2					2	721316
Total Selenium (Se)	ug/L	ND					2	721316
Total Silver (Ag)	ug/L	ND					0.5	721316
Total Strontium (Sr)	ug/L	120					5	721316
Total Thallium (Tl)	ug/L	ND					0.1	721316
Total Tin (Sn)	ug/L	ND					2	721316
Total Titanium (Ti)	ug/L	ND					2	721316
Total Uranium (U)	ug/L	ND					0.1	721316
Total Vanadium (V)	ug/L	ND					2	721316
Total Zinc (Zn)	ug/L	26					5	721316
Elements								
Total Mercury (Hg)	ug/L		ND	ND	ND	ND	0.05	719506
Dissolved Aluminum (Al)	ug/L		79	46	53	ND	10	720279
Dissolved Antimony (Sb)	ug/L		ND	ND	ND	ND	2	720279
Dissolved Arsenic (As)	ug/L		2.0	ND	12	3.2	2	720279
Dissolved Barium (Ba)	ug/L		6.2	5.4	6.4	ND	5	720279
Dissolved Beryllium (Be)	ug/L		ND	ND	ND	ND	2	720279
Dissolved Bismuth (Bi)	ug/L		ND	ND	ND	ND	2	720279

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F61115	F61117	F61118	F61120	F61121		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-9**	**102F01-4-2A**	**102F01-4-2B**	**102F01-4-3A**	**102F01-4-3B**	**DL**	**QC Batch**
Dissolved Boron (B)	ug/L		6.3	5.8	5.4	ND	5	720279
Dissolved Calcium (Ca)	mg/L		6.4	1.0	18	16	0.1	720837
Total Calcium (Ca)	mg/L	38					0.1	721705
Dissolved Cadmium (Cd)	ug/L		ND	ND	ND	ND	0.3	720279
Dissolved Potassium (K)	mg/L		2.9	0.6	1.8	1.4	0.1	720837
Total Potassium (K)	mg/L	1.6					0.1	721705
Dissolved Chromium (Cr)	ug/L		ND	ND	ND	ND	2	720279
Dissolved Magnesium (Mg)	mg/L		2.3	0.7	1.0	0.8	0.1	720837
Total Magnesium (Mg)	mg/L	4.2					0.1	721705
Dissolved Cobalt (Co)	ug/L		ND	3.1	ND	ND	1	720279
Dissolved Sodium (Na)	mg/L		11	6.0	9.6	7.3	0.1	720837
Total Sodium (Na)	mg/L	10					0.2	721705
Dissolved Copper (Cu)	ug/L		ND	13	ND	ND	2	720279
Dissolved Phosphorus (P)	mg/L		ND	ND	ND	ND	0.1	720837
Total Phosphorus (P)	mg/L	ND					0.1	721705
Dissolved Iron (Fe)	ug/L		4200	560	470	130	50	720279
Dissolved Lead (Pb)	ug/L		ND	ND	ND	ND	0.5	720279
Dissolved Manganese (Mn)	ug/L		360	140	120	35	2	720279
Dissolved Molybdenum (Mo)	ug/L		2.2	36	15	6.3	2	720279
Dissolved Nickel (Ni)	ug/L		ND	6.5	ND	ND	2	720279
Dissolved Selenium (Se)	ug/L		ND	ND	ND	ND	2	720279
Dissolved Silver (Ag)	ug/L		ND	ND	ND	ND	0.5	720279
Dissolved Strontium (Sr)	ug/L		39	15	93	85	5	720279
Dissolved Thallium (Tl)	ug/L		ND	ND	ND	ND	0.1	720279
Dissolved Tin (Sn)	ug/L		ND	ND	ND	ND	2	720279
Dissolved Titanium (Ti)	ug/L		2.4	ND	ND	ND	2	720279
Dissolved Uranium (U)	ug/L		ND	ND	0.5	0.2	0.1	720279
Dissolved Vanadium (V)	ug/L		ND	ND	ND	ND	2	720279
Dissolved Zinc (Zn)	ug/L		7.5	7.8	5.7	ND	5	720279

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F61122	F61124	F61124		
Sampling Date						
COC Number		318425	318425	318425		
	Units	**102F01-4-4A**	**102F01-4-4B**	**102F01-4-4B Dup**	**DL**	**QC Batch**
Elements						
Total Mercury (Hg)	ug/L	ND	ND		0.05	719506
Dissolved Aluminum (Al)	ug/L	31	28	27	10	720279
Dissolved Antimony (Sb)	ug/L	ND	ND	ND	2	720279
Dissolved Arsenic (As)	ug/L	ND	ND	ND	2	720279
Dissolved Barium (Ba)	ug/L	6.5	ND	5.1	5	720279
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	2	720279
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	2	720279
Dissolved Boron (B)	ug/L	5.1	ND	ND	5	720279
Dissolved Calcium (Ca)	mg/L	14	14	15	0.1	720837
Dissolved Cadmium (Cd)	ug/L	ND	ND	ND	0.3	720279
Dissolved Potassium (K)	mg/L	2.0	1.9	1.9	0.1	720837
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	2	720279
Dissolved Magnesium (Mg)	mg/L	1.0	1.0	1.2	0.1	720837
Dissolved Cobalt (Co)	ug/L	ND	ND	ND	1	720279
Dissolved Sodium (Na)	mg/L	8.2	7.2	7.2	0.1	720837
Dissolved Copper (Cu)	ug/L	ND	ND	ND	2	720279
Dissolved Phosphorus (P)	mg/L	ND	ND	ND	0.1	720837
Dissolved Iron (Fe)	ug/L	ND	ND	ND	50	720279
Dissolved Lead (Pb)	ug/L	ND	ND	ND	0.5	720279
Dissolved Manganese (Mn)	ug/L	47	55	55	2	720279
Dissolved Molybdenum (Mo)	ug/L	28	28	27	2	720279
Dissolved Nickel (Ni)	ug/L	2.2	2.2	2.3	2	720279
Dissolved Selenium (Se)	ug/L	ND	ND	ND	2	720279
Dissolved Silver (Ag)	ug/L	ND	ND	ND	0.5	720279
Dissolved Strontium (Sr)	ug/L	70	63	64	5	720279
Dissolved Thallium (Tl)	ug/L	ND	ND	ND	0.1	720279
Dissolved Tin (Sn)	ug/L	ND	ND	ND	2	720279
Dissolved Titanium (Ti)	ug/L	ND	ND	ND	2	720279
Dissolved Uranium (U)	ug/L	0.2	0.1	0.1	0.1	720279
Dissolved Vanadium (V)	ug/L	ND	ND	ND	2	720279
Dissolved Zinc (Zn)	ug/L	ND	ND	ND	5	720279

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F61117	F61118	F61120	F61121	F61122		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-2A**	**102F01-4-2B**	**102F01-4-3A**	**102F01-4-3B**	**102F01-4-4A**	**DL**	**QC Batch**
CHLOROBENZENES								
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	0.5	720137
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	1	720137
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	1	720137
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	1	720137
VOLATILES								
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	1	720137
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	1	720137
1,1,2-Trichloroethane	ug/L	ND	ND	ND	ND	ND	1	720137
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	2	720137
1,1-Dichloroethylene	ug/L	ND	ND	ND	ND	ND	2	720137
1,2-Dibromoethane (EDB)	ug/L	ND	ND	ND	ND	ND	1	720137
1,2-Dichloroethane	ug/L	ND	ND	ND	ND	ND	1	720137
1,2-Dichloropropane	ug/L	ND	ND	ND	ND	ND	1	720137
Benzene	ug/L	ND	ND	ND	ND	ND	1	720137
Bromodichloromethane	ug/L	ND	ND	ND	ND	ND	1	720137
Bromoform	ug/L	ND	ND	ND	ND	ND	1	720137
Bromomethane	ug/L	ND	ND	ND	ND	ND	8	720137
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	1	720137
Chloroethane	ug/L	ND	ND	ND	ND	ND	8	720137
Chloroform	ug/L	ND	1.9	ND	ND	ND	1	720137
Chloromethane	ug/L	ND	ND	ND	ND	ND	8	720137
cis-1,2-Dichloroethylene	ug/L	ND	ND	ND	ND	ND	2	720137
cis-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	2	720137
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	1	720137
Dichloromethane(Methylene Chloride)	ug/L	ND	ND	ND	ND	ND	3	720137
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	1	720137
o-Xylene	ug/L	ND	ND	ND	ND	ND	1	720137
p+m-Xylene	ug/L	ND	ND	ND	ND	ND	2	720137
Styrene	ug/L	ND	ND	ND	ND	ND	1	720137
Tetrachloroethylene	ug/L	ND	ND	ND	ND	ND	1	720137
Toluene	ug/L	ND	ND	ND	ND	ND	1	720137
trans-1,2-Dichloroethylene	ug/L	ND	ND	ND	ND	ND	2	720137
trans-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	1	720137

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F61117	F61118	F61120	F61121	F61122		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-2A**	**102F01-4-2B**	**102F01-4-3A**	**102F01-4-3B**	**102F01-4-4A**	**DL**	**QC Batch**
Trichloroethylene	ug/L	ND	ND	ND	ND	ND	1	720137
Trichlorofluoromethane (FREON 11)	ug/L	ND	ND	ND	ND	ND	8	720137
Vinyl Chloride	ug/L	ND	ND	ND	ND	ND	1	720137
Surrogate Recovery (%)								
4-Bromofluorobenzene	%	97	95	97	94	97		720137
D4-1,2-Dichloroethane	%	100	99	99	98	99		720137
D8-Toluene	%	95	93	93	93	93		720137

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F61124	F61124		
Sampling Date					
COC Number		318425	318425		
	Units	**102F01-4-4B**	**102F01-4-4B Dup**	**DL**	**QC Batch**
CHLOROBENZENES					
1,2-Dichlorobenzene	ug/L	ND	ND	0.5	720137
1,3-Dichlorobenzene	ug/L	ND	ND	1	720137
1,4-Dichlorobenzene	ug/L	ND	ND	1	720137
Chlorobenzene	ug/L	ND	ND	1	720137
VOLATILES					
1,1,1-Trichloroethane	ug/L	ND	ND	1	720137
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	1	720137
1,1,2-Trichloroethane	ug/L	ND	ND	1	720137
1,1-Dichloroethane	ug/L	ND	ND	2	720137
1,1-Dichloroethylene	ug/L	ND	ND	2	720137
1,2-Dibromoethane (EDB)	ug/L	ND	ND	1	720137
1,2-Dichloroethane	ug/L	ND	ND	1	720137
1,2-Dichloropropane	ug/L	ND	ND	1	720137
Benzene	ug/L	ND	ND	1	720137
Bromodichloromethane	ug/L	ND	ND	1	720137
Bromoform	ug/L	ND	ND	1	720137
Bromomethane	ug/L	ND	ND	8	720137
Carbon Tetrachloride	ug/L	ND	ND	1	720137
Chloroethane	ug/L	ND	ND	8	720137
Chloroform	ug/L	ND	ND	1	720137
Chloromethane	ug/L	ND	ND	8	720137
cis-1,2-Dichloroethylene	ug/L	ND	ND	2	720137
cis-1,3-Dichloropropene	ug/L	ND	ND	2	720137
Dibromochloromethane	ug/L	ND	ND	1	720137
Dichloromethane(Methylene Chloride)	ug/L	ND	ND	3	720137
Ethylbenzene	ug/L	ND	ND	1	720137
o-Xylene	ug/L	ND	ND	1	720137
p+m-Xylene	ug/L	ND	ND	2	720137
Styrene	ug/L	ND	ND	1	720137
Tetrachloroethylene	ug/L	ND	ND	1	720137
Toluene	ug/L	ND	ND	1	720137
trans-1,2-Dichloroethylene	ug/L	ND	ND	2	720137

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F61124	F61124		
Sampling Date					
COC Number		318425	318425		
	Units	**102F01-4-4B**	**102F01-4-4B Dup**	**DL**	**QC Batch**
trans-1,3-Dichloropropene	ug/L	ND	ND	1	720137
Trichloroethylene	ug/L	ND	ND	1	720137
Trichlorofluoromethane (FREON 11)	ug/L	ND	ND	8	720137
Vinyl Chloride	ug/L	ND	ND	1	720137
Surrogate Recovery (%)					
4-Bromofluorobenzene	%	96	99		720137
D4-1,2-Dichloroethane	%	97	100		720137
D8-Toluene	%	97	97		720137

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

CALCULATED PARAMETERS (WATER)

Maxxam ID		F61105	F61110	F61111	F61112	F61113		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-1**	**102F01-4-2**	**102F01-4-3**	**102F01-4-4**	**102F01-4-5**	**DL**	**QC Batch**
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	ND	ND	ND	1	719016
Calculated TDS	mg/L	15.2	69.4	35.3	18.4	54.6	1	719023
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	ND	ND	ND	1	719016
Dissolved Hardness (CaCO3)	mg/L	2.4	11	7.3	5.6	14	N/A	719017
Langelier Index (@ 20C)	N/A	NC	NC	NC	NC	NC	N/A	719021
Langelier Index (@ 4C)	N/A	NC	NC	NC	NC	NC	N/A	719022
Nitrate (N)	mg/L	0.05	0.06	0.14	0.06	0.06	0.05	719020
Saturation pH (@ 20C)	N/A	NC	NC	NC	NC	NC	N/A	719021
Saturation pH (@ 4C)	N/A	NC	NC	NC	NC	NC	N/A	719022
RCAP Calculations								
Anion Sum	me/L	0.188	1.08	0.520	0.211	0.819	N/A	719019
Cation Sum	me/L	0.289	1.28	0.650	0.363	1.05	N/A	719019
Ion Balance (% Difference)	%	21.0	8.41	11.1	26.4	12.2	N/A	719018

ND = Not detected
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

CALCULATED PARAMETERS (WATER)

Maxxam ID		F61115	F61117	F61118	F61120	F61121		
Sampling Date								
COC Number		318425	318425	318425	318425	318425		
	Units	**102F01-4-9**	**102F01-4-2A**	**102F01-4-2B**	**102F01-4-3A**	**102F01-4-3B**	**DL**	**QC Batch**
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	118	27.4	ND	47.1	35.1	1	719016
Calculated TDS	mg/L	154	70.2	25.7	81.5	67.3	1	719023
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	ND	ND	ND	1	719016
Dissolved Hardness (CaCO3)	mg/L	110	25	5.4	49	43	N/A	719017
Langelier Index (@ 20C)	N/A	-0.994	-2.22	NC	-1.74	-1.77	N/A	719021
Langelier Index (@ 4C)	N/A	-1.24	-2.47	NC	-2.00	-2.03	N/A	719022
Nitrate (N)	mg/L	0.06	ND	0.07	0.07	0.06	0.05	719020
Saturation pH (@ 20C)	N/A	7.71	9.08	NC	8.40	8.57	N/A	719021
Saturation pH (@ 4C)	N/A	7.96	9.33	NC	8.66	8.83	N/A	719022
RCAP Calculations								
Anion Sum	me/L	2.83	0.763	0.282	1.31	1.04	N/A	719019
Cation Sum	me/L	2.75	1.25	0.407	1.46	1.23	N/A	719019
Ion Balance (% Difference)	%	1.49	24.1	18.1	5.52	8.07	N/A	719018

ND = Not detected
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
Report Date: 2005/04/27

Earth-Water Concepts Inc.
Client Project #:
Project name:
Sampler Initials:

CALCULATED PARAMETERS (WATER)

Maxxam ID		F61122	F61124		F61124		
Sampling Date							
COC Number		318425	318425		318425		
	Units	**102F01-4-4A**	**102F01-4-4B**	**DL**	**102F01-4-4B Dup**	**DL**	**QC Batch**
CALCULATION							
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	41.8	34.7	1	38.8	1	719016
Calculated TDS	mg/L	70.4	63.5	1	67.3	1	719023
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	1	ND	1	719016
Dissolved Hardness (CaCO3)	mg/L	40	38	N/A	43	N/A	719017
Langelier Index (@ 20C)	N/A	-1.55	-1.69	N/A	-1.60	N/A	719021
Langelier Index (@ 4C)	N/A	-1.80	-1.94	N/A	-1.85	N/A	719022
Nitrate (N)	mg/L	0.13	0.10	0.05	TBA	TBA	719020
Saturation pH (@ 20C)	N/A	8.55	8.64	N/A	8.55	N/A	719021
Saturation pH (@ 4C)	N/A	8.80	8.89	N/A	8.80	N/A	719022
RCAP Calculations							
Anion Sum	me/L	1.09	0.945	N/A	1.02	N/A	719019
Cation Sum	me/L	1.21	1.13	N/A	1.23	N/A	719019
Ion Balance (% Difference)	%	5.04	9.04	N/A	9.20	N/A	719018

ND = Not detected
TBA = Result to follow
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A529838
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GENERAL COMMENTS

Significant biases may exist in Hardness, Cation Sum, Ion Balance, Calculated TDS, Saturated pH, and Langlier Index due to the use of total metals for calculations. Maxxam Analytics strongly recommends Dissolved Metals for RCAp.

Sample F61105-01: RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61110-01: RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61111-01: RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61112-01: RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61113-01: RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61117-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

Poor RCAp Ion Balance due to sample matrix. Excess cations due to presence of turbidity.

Sample F61118-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61120-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61121-01: RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61122-01: TEH sample contained sediment.

RCAp Ion Balance acceptable. Anion/cation agreement within 0.2 meq/L.

Sample F61124-01: TEH sample contained sediment.

Poor RCAp Ion Balance due to sample matrix. Excess cations due to presence of turbidity.

Results relate only to the items tested.

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QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
718850	GGI	RPD	Modified TPH (Tier1)		NC		%	N/A
719016	JAR	RPD	Bicarb. Alkalinity (calc. as CaCO3)	2005/04/19	11.1		%	N/A
			Carb. Alkalinity (calc. as CaCO3)	2005/04/19	NC		%	N/A
719017	JAR	RPD	Dissolved Hardness (CaCO3)	2005/04/19	12.1		%	N/A
719018	JAR	RPD	Ion Balance (% Difference)	2005/04/19	1.8		%	N/A
719019	JAR	RPD	Anion Sum	2005/04/19	7.7		%	N/A
			Cation Sum	2005/04/19	8.0		%	N/A
719020	JAR	RPD	Nitrate (N)	2005/04/19	NC		%	25
719021	JAR	RPD	Langelier Index (@ 20C)	2005/04/19	NC		%	N/A
			Saturation pH (@ 20C)	2005/04/19	1.1		%	N/A
719022	JAR	RPD	Langelier Index (@ 4C)	2005/04/19	NC		%	N/A
			Saturation pH (@ 4C)	2005/04/19	1.1		%	N/A
719023	JAR	RPD	Calculated TDS	2005/04/19	5.8		%	N/A
719276	MSK	MATRIX SPIKE	Isobutylbenzene - Volatile	2005/04/21		91	%	70 - 130
			Benzene	2005/04/21		104	%	70 - 130
			Toluene	2005/04/21		104	%	70 - 130
			Ethylbenzene	2005/04/21		109	%	70 - 130
			Xylene (Total)	2005/04/21		110	%	70 - 130
		Spiked Blank	Isobutylbenzene - Volatile	2005/04/21		98	%	70 - 130
			Benzene	2005/04/21		109	%	70 - 130
			Toluene	2005/04/21		113	%	70 - 130
			Ethylbenzene	2005/04/21		113	%	70 - 130
			Xylene (Total)	2005/04/21		114	%	70 - 130
		Method Blank	Isobutylbenzene - Volatile	2005/04/21		97	%	70 - 130
			Benzene	2005/04/21	ND, DL=0.001		mg/L	
			Toluene	2005/04/21	ND, DL=0.001		mg/L	
			Ethylbenzene	2005/04/21	ND, DL=0.001		mg/L	
			Xylene (Total)	2005/04/21	ND, DL=0.002		mg/L	
			C6 - C10 (less BTEX)	2005/04/21	ND, DL=0.01		mg/L	
		RPD	Benzene	2005/04/21	NC		%	40
			Toluene	2005/04/21	NC		%	40
			Ethylbenzene	2005/04/21	NC		%	40
			Xylene (Total)	2005/04/21	NC		%	40
			C6 - C10 (less BTEX)	2005/04/21	NC		%	40
719448	MLB	MATRIX SPIKE	Total Organic Carbon (C)	2005/04/19		94	%	75 - 125
		QC STANDARD	Total Organic Carbon (C)	2005/04/19		93	%	80 - 120
		Spiked Blank	Total Organic Carbon (C)	2005/04/19		103	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/04/19	ND, DL=0.5		mg/L	
		RPD	Total Organic Carbon (C)	2005/04/19	10.2		%	25
719462	MCN	QC STANDARD	Nitrate + Nitrite	2005/04/19		101	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/04/19		100	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/04/19	ND, DL=0.05		mg/L	
719463	MLB	QC STANDARD	Total Organic Carbon (C)	2005/04/19		99	%	80 - 120
		Spiked Blank	Total Organic Carbon (C)	2005/04/19		103	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/04/19	ND, DL=0.5		mg/L	
719467	KBA	QC STANDARD	Colour	2005/04/19		108	%	80 - 120
		Method Blank	Colour	2005/04/19	ND, DL=5		TCU	
		RPD	Colour	2005/04/19	NC		%	25
719492	AON	MATRIX SPIKE	Isobutylbenzene - Extractable	2005/04/21		94	%	30 - 130
			n-Dotriacontane - Extractable	2005/04/21		93	%	30 - 130
			>C10-C21 Hydrocarbons	2005/04/21		95	%	30 - 130
			>C21-<C32 Hydrocarbons	2005/04/21		100	%	30 - 130
		Spiked Blank	Isobutylbenzene - Extractable	2005/04/21		97	%	30 - 130
			n-Dotriacontane - Extractable	2005/04/21		95	%	30 - 130
			>C10-C21 Hydrocarbons	2005/04/21		95	%	30 - 130
			>C21-<C32 Hydrocarbons	2005/04/21		99	%	30 - 130

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719492	AON	Method Blank	Isobutylbenzene - Extractable	2005/04/21		94	%	30 - 130
			n-Dotriacontane - Extractable	2005/04/21		91	%	30 - 130
			>C10-C21 Hydrocarbons	2005/04/21	ND, DL=0.05		mg/L	
			>C21-<C32 Hydrocarbons	2005/04/21	ND, DL=0.1		mg/L	
		RPD	>C10-C21 Hydrocarbons	2005/04/21	NC		%	40
			>C21-<C32 Hydrocarbons	2005/04/21	NC		%	40
719503	MCN	QC STANDARD	Nitrate + Nitrite	2005/04/19		102	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/04/19		102	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/04/19	ND, DL=0.05		mg/L	
719506	SSI	MATRIX SPIKE	Total Mercury (Hg)	2005/04/19		99	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2005/04/19		100	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2005/04/19		101	%	80 - 120
		Method Blank	Total Mercury (Hg)	2005/04/19	ND, DL=0.05		ug/L	
		RPD	Total Mercury (Hg)	2005/04/19	NC		%	25
719541	ARS	QC STANDARD	pH	2005/04/19		102	%	80 - 120
		Method Blank	pH	2005/04/19	5.63		pH	
		RPD	pH	2005/04/19	0		%	25
719564	ARS	QC STANDARD	Conductivity	2005/04/19		102	%	80 - 120
		Method Blank	Conductivity	2005/04/19	ND, DL=1		uS/cm	
		RPD	Conductivity	2005/04/19	1.7		%	25
719607	KBA	MATRIX SPIKE	Nitrite (N)	2005/04/19		96	%	80 - 120
		QC STANDARD	Nitrite (N)	2005/04/19		97	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/04/19		114	%	80 - 120
		Method Blank	Nitrite (N)	2005/04/19	ND, DL=0.01		mg/L	
		RPD	Nitrite (N)	2005/04/19	NC		%	25
719609	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/04/19		83	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/04/19		96	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/04/19		88	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/04/19	ND, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/04/19	0.4		%	25
719844	KBA	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/04/19		104	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/04/19		96	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/04/19		90	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/04/19	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/04/19	NC		%	25
719854	KBA	MATRIX SPIKE	Orthophosphate (P)	2005/04/19		95	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/04/19		101	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/04/19		105	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/04/19	ND, DL=0.01		mg/L	
		RPD	Orthophosphate (P)	2005/04/19	NC		%	25
719863	KBA	MATRIX SPIKE	Dissolved Sulphate (SO4)	2005/04/19		111	%	80 - 120
		QC STANDARD	Dissolved Sulphate (SO4)	2005/04/19		100	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/04/19		87	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/04/19	ND, DL=2		mg/L	
		RPD	Dissolved Sulphate (SO4)	2005/04/19	NC		%	25
719889	KBA	QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/04/19		90	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/04/19		88	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/04/19	ND, DL=5		mg/L	
719893	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/04/19		111	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/04/19		101	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/04/19	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/04/19	1.6		%	25
719999	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/04/19		112	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/04/19		101	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/04/19	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/04/19	0.4		%	25

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720011	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/04/19		84	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/04/19		96	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/04/19		88	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/04/19	ND, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/04/19	1		%	25
720035	KBA	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/04/19		106	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/04/19		90	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/04/19		89	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/04/19	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/04/19	NC		%	25
720098	KBA	MATRIX SPIKE	Orthophosphate (P)	2005/04/19		98	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/04/19		100	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/04/19		109	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/04/19	ND, DL=0.01		mg/L	
		RPD	Orthophosphate (P)	2005/04/19	NC		%	25
720127	KBA	QC STANDARD	Colour	2005/04/19		113	%	80 - 120
		Method Blank	Colour	2005/04/19	ND, DL=5		TCU	
		RPD	Colour	2005/04/19	NC		%	25
720137	RMC	MATRIX SPIKE	1,2-Dichlorobenzene	2005/04/20		105	%	70 - 130
			1,3-Dichlorobenzene	2005/04/20		105	%	70 - 130
			1,4-Dichlorobenzene	2005/04/20		100	%	70 - 130
			Chlorobenzene	2005/04/20		105	%	70 - 130
			1,1,1-Trichloroethane	2005/04/20		100	%	70 - 130
			1,1,2,2-Tetrachloroethane	2005/04/20		116	%	70 - 130
			1,1,2-Trichloroethane	2005/04/20		105	%	70 - 130
			1,1-Dichloroethane	2005/04/20		100	%	70 - 130
			1,1-Dichloroethylene	2005/04/20		105	%	70 - 130
			1,2-Dibromoethane (EDB)	2005/04/20		110	%	70 - 130
			1,2-Dichloroethane	2005/04/20		105	%	70 - 130
			1,2-Dichloropropane	2005/04/20		105	%	70 - 130
			4-Bromofluorobenzene	2005/04/20		100	%	70 - 130
			Benzene	2005/04/20		106	%	70 - 130
			Bromodichloromethane	2005/04/20		100	%	70 - 130
			Bromoform	2005/04/20		100	%	70 - 130
			Bromomethane	2005/04/20		95	%	70 - 130
			Carbon Tetrachloride	2005/04/20		95	%	70 - 130
			Chloroethane	2005/04/20		111	%	70 - 130
			Chloroform	2005/04/20		105	%	70 - 130
			Chloromethane	2005/04/20		105	%	70 - 130
			cis-1,2-Dichloroethylene	2005/04/20		110	%	70 - 130
			cis-1,3-Dichloropropene	2005/04/20		89	%	70 - 130
			D4-1,2-Dichloroethane	2005/04/20		99	%	70 - 130
			D8-Toluene	2005/04/20		92	%	70 - 130
			Dibromochloromethane	2005/04/20		95	%	70 - 130
			Dichloromethane(Methylene Chloride)	2005/04/20		111	%	70 - 130
			Ethylbenzene	2005/04/20		105	%	70 - 130
			o-Xylene	2005/04/20		110	%	70 - 130
			p+m-Xylene	2005/04/20		105	%	70 - 130
			Styrene	2005/04/20		110	%	70 - 130
			Tetrachloroethylene	2005/04/20		100	%	70 - 130
			Toluene	2005/04/20		!!179	%	70 - 130
			trans-1,2-Dichloroethylene	2005/04/20		100	%	70 - 130
			trans-1,3-Dichloropropene	2005/04/20		89	%	70 - 130
			Trichloroethylene	2005/04/20		111	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2005/04/20		95	%	70 - 130
			Vinyl Chloride	2005/04/20		116	%	70 - 130

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720137	RMC	Spiked Blank	1,2-Dichlorobenzene	2005/04/20		100	%	70 - 130
			1,3-Dichlorobenzene	2005/04/20		100	%	70 - 130
			1,4-Dichlorobenzene	2005/04/20		105	%	70 - 130
			Chlorobenzene	2005/04/20		100	%	70 - 130
			1,1,1-Trichloroethane	2005/04/20		100	%	70 - 130
			1,1,2,2-Tetrachloroethane	2005/04/20		95	%	70 - 130
			1,1,2-Trichloroethane	2005/04/20		105	%	70 - 130
			1,1-Dichloroethane	2005/04/20		105	%	70 - 130
			1,1-Dichloroethylene	2005/04/20		109	%	70 - 130
			1,2-Dibromoethane (EDB)	2005/04/20		104	%	70 - 130
			1,2-Dichloroethane	2005/04/20		105	%	70 - 130
			1,2-Dichloropropane	2005/04/20		109	%	70 - 130
			4-Bromofluorobenzene	2005/04/20		98	%	70 - 130
			Benzene	2005/04/20		100	%	70 - 130
			Bromodichloromethane	2005/04/20		100	%	70 - 130
			Bromoform	2005/04/20		91	%	70 - 130
			Bromomethane	2005/04/20		109	%	70 - 130
			Carbon Tetrachloride	2005/04/20		105	%	70 - 130
			Chloroethane	2005/04/20		109	%	70 - 130
			Chloroform	2005/04/20		105	%	70 - 130
			Chloromethane	2005/04/20		109	%	70 - 130
			cis-1,2-Dichloroethylene	2005/04/20		113	%	70 - 130
			cis-1,3-Dichloropropene	2005/04/20		95	%	70 - 130
			D4-1,2-Dichloroethane	2005/04/20		99	%	70 - 130
			D8-Toluene	2005/04/20		92	%	70 - 130
			Dibromochloromethane	2005/04/20		95	%	70 - 130
			Dichloromethane(Methylene Chloride)	2005/04/20		109	%	70 - 130
			Ethylbenzene	2005/04/20		95	%	70 - 130
			o-Xylene	2005/04/20		104	%	70 - 130
			p+m-Xylene	2005/04/20		100	%	70 - 130
			Styrene	2005/04/20		104	%	70 - 130
			Tetrachloroethylene	2005/04/20		100	%	70 - 130
			Toluene	2005/04/20		91	%	70 - 130
			trans-1,2-Dichloroethylene	2005/04/20		100	%	70 - 130
			trans-1,3-Dichloropropene	2005/04/20		91	%	70 - 130
			Trichloroethylene	2005/04/20		114	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2005/04/20		114	%	70 - 130
			Vinyl Chloride	2005/04/20		118	%	70 - 130
		Method Blank	1,2-Dichlorobenzene	2005/04/20	ND, DL=0.5		ug/L	
			1,3-Dichlorobenzene	2005/04/20	ND, DL=1		ug/L	
			1,4-Dichlorobenzene	2005/04/20	ND, DL=1		ug/L	
			Chlorobenzene	2005/04/20	ND, DL=1		ug/L	
			1,1,1-Trichloroethane	2005/04/20	ND, DL=1		ug/L	
			1,1,2,2-Tetrachloroethane	2005/04/20	ND, DL=1		ug/L	
			1,1,2-Trichloroethane	2005/04/20	ND, DL=1		ug/L	
			1,1-Dichloroethane	2005/04/20	ND, DL=2		ug/L	
			1,1-Dichloroethylene	2005/04/20	ND, DL=2		ug/L	
			1,2-Dibromoethane (EDB)	2005/04/20	ND, DL=1		ug/L	
			1,2-Dichloroethane	2005/04/20	ND, DL=1		ug/L	
			1,2-Dichloropropane	2005/04/20	ND, DL=1		ug/L	
			4-Bromofluorobenzene	2005/04/20		97	%	70 - 130
			Benzene	2005/04/20	ND, DL=1		ug/L	
			Bromodichloromethane	2005/04/20	ND, DL=1		ug/L	
			Bromoform	2005/04/20	ND, DL=1		ug/L	
			Bromomethane	2005/04/20	ND, DL=8		ug/L	
			Carbon Tetrachloride	2005/04/20	ND, DL=1		ug/L	

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720137	RMC	Method Blank	Chloroethane	2005/04/20	ND, DL=8		ug/L	
			Chloroform	2005/04/20	ND, DL=1		ug/L	
			Chloromethane	2005/04/20	ND, DL=8		ug/L	
			cis-1,2-Dichloroethylene	2005/04/20	ND, DL=2		ug/L	
			cis-1,3-Dichloropropene	2005/04/20	ND, DL=2		ug/L	
			D4-1,2-Dichloroethane	2005/04/20		98	%	70 - 130
			D8-Toluene	2005/04/20		95	%	70 - 130
			Dibromochloromethane	2005/04/20	ND, DL=1		ug/L	
			Dichloromethane(Methylene Chloride)	2005/04/20	ND, DL=3		ug/L	
			Ethylbenzene	2005/04/20	ND, DL=1		ug/L	
			o-Xylene	2005/04/20	ND, DL=1		ug/L	
			p+m-Xylene	2005/04/20	ND, DL=2		ug/L	
			Styrene	2005/04/20	ND, DL=1		ug/L	
			Tetrachloroethylene	2005/04/20	ND, DL=1		ug/L	
			Toluene	2005/04/20	ND, DL=1		ug/L	
			trans-1,2-Dichloroethylene	2005/04/20	ND, DL=2		ug/L	
			trans-1,3-Dichloropropene	2005/04/20	ND, DL=1		ug/L	
			Trichloroethylene	2005/04/20	ND, DL=1		ug/L	
			Trichlorofluoromethane (FREON 11)	2005/04/20	ND, DL=8		ug/L	
			Vinyl Chloride	2005/04/20	ND, DL=1		ug/L	
		RPD	1,2-Dichlorobenzene	2005/04/20	NC		%	40
			1,3-Dichlorobenzene	2005/04/20	NC		%	40
			1,4-Dichlorobenzene	2005/04/20	NC		%	40
			Chlorobenzene	2005/04/20	NC		%	40
			1,1,1-Trichloroethane	2005/04/20	NC		%	40
			1,1,2,2-Tetrachloroethane	2005/04/20	NC		%	40
			1,1,2-Trichloroethane	2005/04/20	NC		%	40
			1,1-Dichloroethane	2005/04/20	NC		%	40
			1,1-Dichloroethylene	2005/04/20	NC		%	40
			1,2-Dibromoethane (EDB)	2005/04/20	NC		%	40
			1,2-Dichloroethane	2005/04/20	NC		%	40
			1,2-Dichloropropane	2005/04/20	NC		%	40
			Benzene	2005/04/20	NC		%	40
			Bromodichloromethane	2005/04/20	NC		%	40
			Bromoform	2005/04/20	NC		%	40
			Bromomethane	2005/04/20	NC		%	40
			Carbon Tetrachloride	2005/04/20	NC		%	40
			Chloroethane	2005/04/20	NC		%	40
			Chloroform	2005/04/20	NC		%	40
			Chloromethane	2005/04/20	NC		%	40
			cis-1,2-Dichloroethylene	2005/04/20	NC		%	40
			cis-1,3-Dichloropropene	2005/04/20	NC		%	40
			Dibromochloromethane	2005/04/20	NC		%	40
			Dichloromethane(Methylene Chloride)	2005/04/20	NC		%	40
			Ethylbenzene	2005/04/20	NC		%	40
			o-Xylene	2005/04/20	NC		%	40
			p+m-Xylene	2005/04/20	NC		%	40
			Styrene	2005/04/20	NC		%	40
			Tetrachloroethylene	2005/04/20	NC		%	40
			Toluene	2005/04/20	NC		%	40
			trans-1,2-Dichloroethylene	2005/04/20	NC		%	40
			trans-1,3-Dichloropropene	2005/04/20	NC		%	40
			Trichloroethylene	2005/04/20	NC		%	40
			Trichlorofluoromethane (FREON 11)	2005/04/20	NC		%	40
			Vinyl Chloride	2005/04/20	NC		%	40
720148	KBA	MATRIX SPIKE	Nitrite (N)	2005/04/19		100	%	80 - 120

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720148	KBA	QC STANDARD	Nitrite (N)	2005/04/19		99	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/04/19		112	%	80 - 120
		Method Blank	Nitrite (N)	2005/04/19	ND, DL=0.01		mg/L	
		RPD	Nitrite (N)	2005/04/19	NC		%	25
720270	KBA	MATRIX SPIKE	Dissolved Sulphate (SO4)	2005/04/20		106	%	80 - 120
		QC STANDARD	Dissolved Sulphate (SO4)	2005/04/20		98	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/04/20		110	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/04/20	ND, DL=2		mg/L	
		RPD	Dissolved Sulphate (SO4)	2005/04/20	NC		%	25
720279	LKE	MATRIX SPIKE	Dissolved Aluminum (Al)	2005/04/20		104	%	80 - 120
			Dissolved Antimony (Sb)	2005/04/20		116	%	80 - 120
			Dissolved Arsenic (As)	2005/04/20		118	%	80 - 120
			Dissolved Barium (Ba)	2005/04/20		117	%	80 - 120
			Dissolved Beryllium (Be)	2005/04/20		!!121	%	80 - 120
			Dissolved Bismuth (Bi)	2005/04/20		94	%	80 - 120
			Dissolved Boron (B)	2005/04/20		113	%	80 - 120
			Dissolved Cadmium (Cd)	2005/04/20		!!121	%	80 - 120
			Dissolved Chromium (Cr)	2005/04/20		115	%	80 - 120
			Dissolved Cobalt (Co)	2005/04/20		114	%	80 - 120
			Dissolved Copper (Cu)	2005/04/20		107	%	80 - 120
			Dissolved Iron (Fe)	2005/04/20		101	%	80 - 120
			Dissolved Lead (Pb)	2005/04/20		118	%	80 - 120
			Dissolved Manganese (Mn)	2005/04/20		103	%	80 - 120
			Dissolved Molybdenum (Mo)	2005/04/20		117	%	80 - 120
			Dissolved Nickel (Ni)	2005/04/20		112	%	80 - 120
			Dissolved Selenium (Se)	2005/04/20		!!132	%	80 - 120
			Dissolved Silver (Ag)	2005/04/20		116	%	80 - 120
			Dissolved Strontium (Sr)	2005/04/20		113	%	80 - 120
			Dissolved Thallium (Tl)	2005/04/20		116	%	80 - 120
			Dissolved Tin (Sn)	2005/04/20		112	%	80 - 120
			Dissolved Titanium (Ti)	2005/04/20		114	%	80 - 120
			Dissolved Uranium (U)	2005/04/20		119	%	80 - 120
			Dissolved Vanadium (V)	2005/04/20		118	%	80 - 120
			Dissolved Zinc (Zn)	2005/04/20		!!130	%	80 - 120
		QC STANDARD	Dissolved Aluminum (Al)	2005/04/20		85	%	80 - 120
			Dissolved Antimony (Sb)	2005/04/20		96	%	80 - 120
			Dissolved Arsenic (As)	2005/04/20		99	%	80 - 120
			Dissolved Barium (Ba)	2005/04/20		97	%	80 - 120
			Dissolved Beryllium (Be)	2005/04/20		104	%	80 - 120
			Dissolved Boron (B)	2005/04/20		102	%	80 - 120
			Dissolved Cadmium (Cd)	2005/04/20		102	%	80 - 120
			Dissolved Chromium (Cr)	2005/04/20		96	%	80 - 120
			Dissolved Cobalt (Co)	2005/04/20		104	%	80 - 120
			Dissolved Copper (Cu)	2005/04/20		97	%	80 - 120
			Dissolved Iron (Fe)	2005/04/20		109	%	80 - 120
			Dissolved Lead (Pb)	2005/04/20		97	%	80 - 120
			Dissolved Manganese (Mn)	2005/04/20		90	%	80 - 120
			Dissolved Molybdenum (Mo)	2005/04/20		102	%	80 - 120
			Dissolved Nickel (Ni)	2005/04/20		96	%	80 - 120
			Dissolved Selenium (Se)	2005/04/20		102	%	80 - 120
			Dissolved Silver (Ag)	2005/04/20		93	%	80 - 120
			Dissolved Strontium (Sr)	2005/04/20		100	%	80 - 120
			Dissolved Vanadium (V)	2005/04/20		104	%	80 - 120
			Dissolved Zinc (Zn)	2005/04/20		107	%	80 - 120
		Spiked Blank	Dissolved Aluminum (Al)	2005/04/20		99	%	80 - 120
			Dissolved Antimony (Sb)	2005/04/20		103	%	80 - 120

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QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
720279 LKE	Spiked Blank	Dissolved Arsenic (As)	2005/04/20		104	%	80 - 120
		Dissolved Barium (Ba)	2005/04/20		103	%	80 - 120
		Dissolved Beryllium (Be)	2005/04/20		104	%	80 - 120
		Dissolved Bismuth (Bi)	2005/04/20		98	%	80 - 120
		Dissolved Boron (B)	2005/04/20		98	%	80 - 120
		Dissolved Cadmium (Cd)	2005/04/20		106	%	80 - 120
		Dissolved Chromium (Cr)	2005/04/20		100	%	80 - 120
		Dissolved Cobalt (Co)	2005/04/20		101	%	80 - 120
		Dissolved Copper (Cu)	2005/04/20		103	%	80 - 120
		Dissolved Iron (Fe)	2005/04/20		106	%	80 - 120
		Dissolved Lead (Pb)	2005/04/20		105	%	80 - 120
		Dissolved Manganese (Mn)	2005/04/20		99	%	80 - 120
		Dissolved Molybdenum (Mo)	2005/04/20		105	%	80 - 120
		Dissolved Nickel (Ni)	2005/04/20		102	%	80 - 120
		Dissolved Selenium (Se)	2005/04/20		106	%	80 - 120
		Dissolved Silver (Ag)	2005/04/20		102	%	80 - 120
		Dissolved Strontium (Sr)	2005/04/20		101	%	80 - 120
		Dissolved Thallium (Tl)	2005/04/20		103	%	80 - 120
		Dissolved Tin (Sn)	2005/04/20		105	%	80 - 120
		Dissolved Titanium (Ti)	2005/04/20		98	%	80 - 120
		Dissolved Uranium (U)	2005/04/20		106	%	80 - 120
		Dissolved Vanadium (V)	2005/04/20		100	%	80 - 120
		Dissolved Zinc (Zn)	2005/04/20		111	%	80 - 120
	Method Blank	Dissolved Aluminum (Al)	2005/04/20	ND, DL=10		ug/L	
		Dissolved Antimony (Sb)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Arsenic (As)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Barium (Ba)	2005/04/20	ND, DL=5		ug/L	
		Dissolved Beryllium (Be)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Bismuth (Bi)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Boron (B)	2005/04/20	ND, DL=5		ug/L	
		Dissolved Cadmium (Cd)	2005/04/20	ND, DL=0.3		ug/L	
		Dissolved Chromium (Cr)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Cobalt (Co)	2005/04/20	ND, DL=1		ug/L	
		Dissolved Copper (Cu)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Iron (Fe)	2005/04/20	ND, DL=50		ug/L	
		Dissolved Lead (Pb)	2005/04/20	ND, DL=0.5		ug/L	
		Dissolved Manganese (Mn)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Molybdenum (Mo)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Nickel (Ni)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Selenium (Se)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Silver (Ag)	2005/04/20	ND, DL=0.5		ug/L	
		Dissolved Strontium (Sr)	2005/04/20	ND, DL=5		ug/L	
		Dissolved Thallium (Tl)	2005/04/20	ND, DL=0.1		ug/L	
		Dissolved Tin (Sn)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Titanium (Ti)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Uranium (U)	2005/04/20	ND, DL=0.1		ug/L	
		Dissolved Vanadium (V)	2005/04/20	ND, DL=2		ug/L	
		Dissolved Zinc (Zn)	2005/04/20	ND, DL=5		ug/L	
	RPD	Dissolved Aluminum (Al)	2005/04/20	NC		%	25
		Dissolved Antimony (Sb)	2005/04/20	NC		%	25
		Dissolved Arsenic (As)	2005/04/20	NC		%	25
		Dissolved Barium (Ba)	2005/04/20	NC		%	25
		Dissolved Beryllium (Be)	2005/04/20	NC		%	25
		Dissolved Bismuth (Bi)	2005/04/20	NC		%	25
		Dissolved Boron (B)	2005/04/20	NC		%	25
		Dissolved Cadmium (Cd)	2005/04/20	NC		%	25

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720279	LKE	RPD	Dissolved Chromium (Cr)	2005/04/20	NC		%	25
			Dissolved Cobalt (Co)	2005/04/20	NC		%	25
			Dissolved Copper (Cu)	2005/04/20	NC		%	25
			Dissolved Iron (Fe)	2005/04/20	NC		%	25
			Dissolved Lead (Pb)	2005/04/20	NC		%	25
			Dissolved Manganese (Mn)	2005/04/20	0.6		%	25
			Dissolved Molybdenum (Mo)	2005/04/20	2.2		%	25
			Dissolved Nickel (Ni)	2005/04/20	NC		%	25
			Dissolved Selenium (Se)	2005/04/20	NC		%	25
			Dissolved Silver (Ag)	2005/04/20	NC		%	25
			Dissolved Strontium (Sr)	2005/04/20	0.7		%	25
			Dissolved Thallium (Tl)	2005/04/20	NC		%	25
			Dissolved Tin (Sn)	2005/04/20	NC		%	25
			Dissolved Titanium (Ti)	2005/04/20	NC		%	25
			Dissolved Uranium (U)	2005/04/20	NC		%	25
			Dissolved Vanadium (V)	2005/04/20	NC		%	25
			Dissolved Zinc (Zn)	2005/04/20	NC		%	25
720291	MLB	MATRIX SPIKE	Total Organic Carbon (C)	2005/04/20		103	%	75 - 125
		Spiked Blank	Total Organic Carbon (C)	2005/04/20		97	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/04/20	ND, DL=0.5		mg/L	
		RPD	Total Organic Carbon (C)	2005/04/20	NC		%	25
720294	ARS	QC STANDARD	Turbidity	2005/04/20		99	%	80 - 120
		Method Blank	Turbidity	2005/04/20	<0.1		NTU	
		RPD	Turbidity	2005/04/20	0.3		%	25
720808	KBA	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/04/20		91	%	80 - 120
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/04/20		95	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/04/20		81	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/04/20	ND, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/04/20	11.1		%	25
720837	CMO	MATRIX SPIKE	Dissolved Calcium (Ca)	2005/04/20		103	%	80 - 120
			Dissolved Potassium (K)	2005/04/20		108	%	80 - 120
			Dissolved Magnesium (Mg)	2005/04/20		106	%	80 - 120
			Dissolved Sodium (Na)	2005/04/20		108	%	80 - 120
			Dissolved Phosphorus (P)	2005/04/20		112	%	80 - 120
		QC STANDARD	Dissolved Calcium (Ca)	2005/04/20		103	%	80 - 120
			Dissolved Potassium (K)	2005/04/20		95	%	80 - 120
			Dissolved Magnesium (Mg)	2005/04/20		96	%	80 - 120
			Dissolved Sodium (Na)	2005/04/20		103	%	80 - 120
			Dissolved Phosphorus (P)	2005/04/20		93	%	80 - 120
		Spiked Blank	Dissolved Calcium (Ca)	2005/04/20		93	%	80 - 120
			Dissolved Potassium (K)	2005/04/20		95	%	80 - 120
			Dissolved Magnesium (Mg)	2005/04/20		94	%	80 - 120
			Dissolved Sodium (Na)	2005/04/20		95	%	80 - 120
			Dissolved Phosphorus (P)	2005/04/20		99	%	80 - 120
		Method Blank	Dissolved Calcium (Ca)	2005/04/20	ND, DL=0.1		mg/L	
			Dissolved Potassium (K)	2005/04/20	ND, DL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2005/04/20	ND, DL=0.1		mg/L	
			Dissolved Sodium (Na)	2005/04/20	ND, DL=0.1		mg/L	
			Dissolved Phosphorus (P)	2005/04/20	ND, DL=0.1		mg/L	
		RPD	Dissolved Calcium (Ca)	2005/04/20	11.0		%	25
			Dissolved Potassium (K)	2005/04/20	0.2		%	25
			Dissolved Magnesium (Mg)	2005/04/20	21.1		%	25
			Dissolved Sodium (Na)	2005/04/20	0.03		%	25
			Dissolved Phosphorus (P)	2005/04/20	NC		%	25
721316	LKE	MATRIX SPIKE	Total Aluminum (Al)	2005/04/21		106	%	80 - 120
			Total Antimony (Sb)	2005/04/21		111	%	80 - 120

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721316	LKE	MATRIX SPIKE	Total Arsenic (As)	2005/04/21		114	%	80 - 120
			Total Barium (Ba)	2005/04/21		111	%	80 - 120
			Total Beryllium (Be)	2005/04/21		117	%	80 - 120
			Total Bismuth (Bi)	2005/04/21		108	%	80 - 120
			Total Boron (B)	2005/04/21		111	%	80 - 120
			Total Cadmium (Cd)	2005/04/21		110	%	80 - 120
			Total Chromium (Cr)	2005/04/21		109	%	80 - 120
			Total Cobalt (Co)	2005/04/21		109	%	80 - 120
			Total Copper (Cu)	2005/04/21		104	%	80 - 120
			Total Iron (Fe)	2005/04/21		100	%	80 - 120
			Total Lead (Pb)	2005/04/21		109	%	80 - 120
			Total Manganese (Mn)	2005/04/21		105	%	80 - 120
			Total Molybdenum (Mo)	2005/04/21		113	%	80 - 120
			Total Nickel (Ni)	2005/04/21		107	%	80 - 120
			Total Selenium (Se)	2005/04/21		113	%	80 - 120
			Total Silver (Ag)	2005/04/21		102	%	80 - 120
			Total Strontium (Sr)	2005/04/21		107	%	80 - 120
			Total Thallium (Tl)	2005/04/21		108	%	80 - 120
			Total Tin (Sn)	2005/04/21		108	%	80 - 120
			Total Titanium (Ti)	2005/04/21		116	%	80 - 120
			Total Uranium (U)	2005/04/21		112	%	80 - 120
			Total Vanadium (V)	2005/04/21		113	%	80 - 120
			Total Zinc (Zn)	2005/04/21		110	%	80 - 120
		QC STANDARD	Total Aluminum (Al)	2005/04/21		100	%	80 - 120
			Total Antimony (Sb)	2005/04/21		95	%	80 - 120
			Total Arsenic (As)	2005/04/21		104	%	80 - 120
			Total Barium (Ba)	2005/04/21		98	%	80 - 120
			Total Beryllium (Be)	2005/04/21		102	%	80 - 120
			Total Boron (B)	2005/04/21		107	%	80 - 120
			Total Cadmium (Cd)	2005/04/21		105	%	80 - 120
			Total Chromium (Cr)	2005/04/21		107	%	80 - 120
			Total Cobalt (Co)	2005/04/21		107	%	80 - 120
			Total Copper (Cu)	2005/04/21		103	%	80 - 120
			Total Iron (Fe)	2005/04/21		113	%	80 - 120
			Total Lead (Pb)	2005/04/21		108	%	80 - 120
			Total Manganese (Mn)	2005/04/21		107	%	80 - 120
			Total Molybdenum (Mo)	2005/04/21		102	%	80 - 120
			Total Nickel (Ni)	2005/04/21		102	%	80 - 120
			Total Selenium (Se)	2005/04/21		97	%	80 - 120
			Total Strontium (Sr)	2005/04/21		108	%	80 - 120
			Total Thallium (Tl)	2005/04/21		94	%	80 - 120
			Total Uranium (U)	2005/04/21		109	%	80 - 120
			Total Vanadium (V)	2005/04/21		108	%	80 - 120
			Total Zinc (Zn)	2005/04/21		102	%	80 - 120
		Spiked Blank	Total Aluminum (Al)	2005/04/21		106	%	80 - 120
			Total Antimony (Sb)	2005/04/21		99	%	80 - 120
			Total Arsenic (As)	2005/04/21		93	%	80 - 120
			Total Barium (Ba)	2005/04/21		101	%	80 - 120
			Total Beryllium (Be)	2005/04/21		99	%	80 - 120
			Total Bismuth (Bi)	2005/04/21		111	%	80 - 120
			Total Boron (B)	2005/04/21		102	%	80 - 120
			Total Cadmium (Cd)	2005/04/21		98	%	80 - 120
			Total Chromium (Cr)	2005/04/21		100	%	80 - 120
			Total Cobalt (Co)	2005/04/21		99	%	80 - 120
			Total Copper (Cu)	2005/04/21		98	%	80 - 120
			Total Iron (Fe)	2005/04/21		102	%	80 - 120

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721316	LKE	Spiked Blank	Total Lead (Pb)	2005/04/21		105	%	80 - 120
			Total Manganese (Mn)	2005/04/21		104	%	80 - 120
			Total Molybdenum (Mo)	2005/04/21		98	%	80 - 120
			Total Nickel (Ni)	2005/04/21		98	%	80 - 120
			Total Selenium (Se)	2005/04/21		90	%	80 - 120
			Total Silver (Ag)	2005/04/21		97	%	80 - 120
			Total Strontium (Sr)	2005/04/21		99	%	80 - 120
			Total Thallium (Tl)	2005/04/21		105	%	80 - 120
			Total Tin (Sn)	2005/04/21		100	%	80 - 120
			Total Titanium (Ti)	2005/04/21		100	%	80 - 120
			Total Uranium (U)	2005/04/21		107	%	80 - 120
			Total Vanadium (V)	2005/04/21		103	%	80 - 120
			Total Zinc (Zn)	2005/04/21		94	%	80 - 120
		Method Blank	Total Aluminum (Al)	2005/04/21	ND, DL=10		ug/L	
			Total Antimony (Sb)	2005/04/21	ND, DL=2		ug/L	
			Total Arsenic (As)	2005/04/21	ND, DL=2		ug/L	
			Total Barium (Ba)	2005/04/21	ND, DL=5		ug/L	
			Total Beryllium (Be)	2005/04/21	ND, DL=2		ug/L	
			Total Bismuth (Bi)	2005/04/21	ND, DL=2		ug/L	
			Total Boron (B)	2005/04/21	ND, DL=5		ug/L	
			Total Cadmium (Cd)	2005/04/21	ND, DL=0.3		ug/L	
			Total Chromium (Cr)	2005/04/21	ND, DL=2		ug/L	
			Total Cobalt (Co)	2005/04/21	ND, DL=1		ug/L	
			Total Copper (Cu)	2005/04/21	ND, DL=2		ug/L	
			Total Iron (Fe)	2005/04/21	ND, DL=50		ug/L	
			Total Lead (Pb)	2005/04/21	ND, DL=0.5		ug/L	
			Total Manganese (Mn)	2005/04/21	ND, DL=2		ug/L	
			Total Molybdenum (Mo)	2005/04/21	ND, DL=2		ug/L	
			Total Nickel (Ni)	2005/04/21	ND, DL=2		ug/L	
			Total Selenium (Se)	2005/04/21	ND, DL=2		ug/L	
			Total Silver (Ag)	2005/04/21	ND, DL=0.5		ug/L	
			Total Strontium (Sr)	2005/04/21	ND, DL=5		ug/L	
			Total Thallium (Tl)	2005/04/21	ND, DL=0.1		ug/L	
			Total Tin (Sn)	2005/04/21	ND, DL=2		ug/L	
			Total Titanium (Ti)	2005/04/21	ND, DL=2		ug/L	
			Total Uranium (U)	2005/04/21	ND, DL=0.1		ug/L	
			Total Vanadium (V)	2005/04/21	ND, DL=2		ug/L	
			Total Zinc (Zn)	2005/04/21	ND, DL=5		ug/L	
		RPD	Total Aluminum (Al)	2005/04/21	NC		%	25
			Total Antimony (Sb)	2005/04/21	NC		%	25
			Total Arsenic (As)	2005/04/21	NC		%	25
			Total Barium (Ba)	2005/04/21	NC		%	25
			Total Beryllium (Be)	2005/04/21	NC		%	25
			Total Bismuth (Bi)	2005/04/21	NC		%	25
			Total Boron (B)	2005/04/21	NC		%	25
			Total Cadmium (Cd)	2005/04/21	NC		%	25
			Total Chromium (Cr)	2005/04/21	NC		%	25
			Total Cobalt (Co)	2005/04/21	NC		%	25
			Total Copper (Cu)	2005/04/21	NC		%	25
			Total Iron (Fe)	2005/04/21	NC		%	25
			Total Lead (Pb)	2005/04/21	NC		%	25
			Total Manganese (Mn)	2005/04/21	NC		%	25
			Total Molybdenum (Mo)	2005/04/21	NC		%	25
			Total Nickel (Ni)	2005/04/21	NC		%	25
			Total Selenium (Se)	2005/04/21	NC		%	25
			Total Silver (Ag)	2005/04/21	NC		%	25

Earth-Water Concepts Inc.
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA529838

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
721316	LKE	RPD	Total Strontium (Sr)	2005/04/21	NC		%	25
			Total Thallium (Tl)	2005/04/21	NC		%	25
			Total Tin (Sn)	2005/04/21	NC		%	25
			Total Titanium (Ti)	2005/04/21	NC		%	25
			Total Uranium (U)	2005/04/21	NC		%	25
			Total Vanadium (V)	2005/04/21	NC		%	25
			Total Zinc (Zn)	2005/04/21	NC		%	25
721705	CMO	MATRIX SPIKE	Total Calcium (Ca)	2005/04/21		98	%	80 - 120
			Total Potassium (K)	2005/04/21		106	%	80 - 120
			Total Magnesium (Mg)	2005/04/21		100	%	80 - 120
			Total Sodium (Na)	2005/04/21		102	%	80 - 120
			Total Phosphorus (P)	2005/04/21		108	%	80 - 120
		QC STANDARD	Total Calcium (Ca)	2005/04/21		104	%	80 - 120
			Total Potassium (K)	2005/04/21		101	%	80 - 120
			Total Magnesium (Mg)	2005/04/21		101	%	80 - 120
			Total Sodium (Na)	2005/04/21		105	%	80 - 120
			Total Phosphorus (P)	2005/04/21		94	%	80 - 120
		Spiked Blank	Total Calcium (Ca)	2005/04/21		97	%	80 - 120
			Total Potassium (K)	2005/04/21		103	%	80 - 120
			Total Magnesium (Mg)	2005/04/21		97	%	80 - 120
			Total Sodium (Na)	2005/04/21		100	%	80 - 120
			Total Phosphorus (P)	2005/04/21		105	%	80 - 120
		Method Blank	Total Calcium (Ca)	2005/04/21	ND, DL=0.1		mg/L	
			Total Potassium (K)	2005/04/21	ND, DL=0.1		mg/L	
			Total Magnesium (Mg)	2005/04/21	ND, DL=0.1		mg/L	
			Total Sodium (Na)	2005/04/21	0.1, DL=0.1		mg/L	
			Total Phosphorus (P)	2005/04/21	ND, DL=0.1		mg/L	
		RPD	Total Calcium (Ca)	2005/04/21	NC		%	25
			Total Potassium (K)	2005/04/21	NC		%	25
			Total Magnesium (Mg)	2005/04/21	NC		%	25
			Total Sodium (Na)	2005/04/21	1.4		%	25
			Total Phosphorus (P)	2005/04/21	NC		%	25
724423	MCN	QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/04/27		98	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/04/27	ND, DL=50		mg/L	

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample

Earth-Water Concepts Inc
PO Box 51015
Halifax, NS
B3M 4R8

Attention: RICHARD GAGNE

Report Date: 2005/05/06

Your C.O.C. #: 318766

ANALYTICAL REPORT

MAXXAM JOB #: A532028
Received: 2005/04/22, 13:38

Sample Matrix: Soil
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
TEH in Soil (PIRI)	1	2005/04/26	2005/04/27	9015_1_5	Based on Atl. PIRI
Moisture	1	N/A	2005/04/25		MOE Handbook 1983
VPH in Soil (PIRI)	1	2005/04/26	2005/04/27	9110_1_4	Based on Atl. PIRI
ModTPH (T1) Calc. for Soil	1	2005/04/25	2005/04/29		Based on Atl. PIRI

Sample Matrix: Water
Samples Received: 12

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Carbonate, Bicarbonate and Hydroxide	11	N/A	2005/04/25		
Alkalinity	7	N/A	2005/04/27	2015_1_2	Based on EPA310.2
Alkalinity	4	N/A	2005/04/28	2015_1_2	Based on EPA310.2
Chloride	11	N/A	2005/04/27	2045_1_2	Based on SM4500-Cl-
Colour	9	N/A	2005/04/27	2156_1_1	Based on EPA110.2
Colour	2	N/A	2005/04/28	2156_1_1	Based on EPA110.2
Conductance - water	10	N/A	2005/04/25	1013_1_2	Based on SM2510B
Conductance - water	1	N/A	2005/04/27	1013_1_2	Based on SM2510B
TEH in Water (PIRI)	11	2005/04/25	2005/04/28	9025_1_5	Based on Atl. PIRI
Hardness (calculated as CaCO3)	11	N/A	2005/04/25		
Mercury (Total)	11	N/A	2005/04/25	3425_1_2	CVAA
Dis.metals in water ICP-OES	11	N/A	2005/04/25	3120_2_1	Based on EPA200.7
Elements by ICPMS - dissolved (FIAS)	11	N/A	2005/04/25	3013_1_1	Based on EPA6020A
Ion Balance (% Difference)	11	N/A	2005/04/25		
Anion and Cation Sum	11	N/A	2005/04/25		
Nitrogen Ammonia - water	11	N/A	2005/04/28	2105_1_2	Based on USEPA 350.1
Nitrogen - Nitrate + Nitrite	3	N/A	2005/04/27	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrate + Nitrite	8	N/A	2005/04/28	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrite	11	N/A	2005/04/27	2125_1_1	Based on USEPA 354.1
Nitrogen - Nitrate (as N)	11	N/A	2005/04/25	SOP 2130_1_1	Based on ASTMD3867
pH	10	N/A	2005/04/25	1007_1_1/1011_1_2	Based on EPA150.1
pH	1	N/A	2005/04/27	1007_1_1/1011_1_2	Based on EPA150.1
Phosphorus - ortho	10	N/A	2005/04/28	2165_1_1	Based on USEPA 365.1
Phosphorus - ortho	1	N/A	2005/05/03	2165_1_1	Based on USEPA 365.1
VPH in Water (PIRI)	11	2005/04/27	2005/04/28	9120_1_5	Based on Atl. PIRI
Sat. pH and Langelier Index (@ 20C)	11	N/A	2005/04/25		
Sat. pH and Langelier Index (@ 4C)	11	N/A	2005/04/25		
Reactive Silica	11	N/A	2005/04/27	2185_1_1	Based on EPA 366.0
Sulphate	11	N/A	2005/04/29	4065_1_2	Based on EPA 375.4

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Earth-Water Concepts Inc
PO Box 51015
Halifax, NS
B3M 4R8

Attention: RICHARD GAGNE

Report Date: 2005/05/06

Your C.O.C. #: 318766

ANALYTICAL REPORT

-2-

Sample Matrix: Water
Samples Received: 12

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Total Dissolved Solids (TDS calc)	11	N/A	2005/04/25		
Organic carbon - Total (TOC) (1)	11	N/A	2005/04/25	2020_1_3	Based on SM 5310C
ModTPH (T1) Calc. for Water (1)	1	N/A	N/A		Based on Atl. PIRI
ModTPH (T1) Calc. for Water (1)	10	N/A	2005/04/29		Based on Atl. PIRI
Turbidity (1)	11	N/A	2005/04/26	1040_2_4	based on EPA 180.1
Volatile Organic Compounds in Water	1	2005/04/22	2005/04/25	9615_1_3	Based on EPA624
Volatile Organic Compounds in Water	10	2005/04/25	2005/04/26	9615_1_3	Based on EPA624

(1) SCC/CAEAL

MAXXAM ANALYTICS INC.

Total cover pages: 2

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF SOIL

Maxxam ID		F70144		
Sampling Date				
COC Number		318766		
	Units	**102F01-4-P1**	**DL**	**QC Batch**
Physical Properties				
Moisture	%	ND	1	722028

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

EXTRACTABLE HYDROCARBONS (PIRI)

Maxxam ID		F70144		
Sampling Date				
COC Number		318766		
	Units	**102F01-4-P1**	**DL**	**QC Batch**
Hydrocarbons				
>C10-C21 Hydrocarbons	mg/kg	7600	7500	723721
>C21-<C32 Hydrocarbons	mg/kg	40000	7500	723721
Modified TPH (Tier1)	mg/kg	48000	8000	722996
Volatile Hydrocarbons				
Benzene	mg/kg	ND	0.1	723558
Toluene	mg/kg	0.3	0.1	723558
Ethylbenzene	mg/kg	ND	0.1	723558
Xylene (Total)	mg/kg	0.5	0.3	723558
C6 - C10 (less BTEX)	mg/kg	23	10	723558
Surrogate Recovery (%)				
Isobutylbenzene - Extractable	%	95		723721
n-Dotriacontane - Extractable	%	!!186		723721
Isobutylbenzene - Volatile	%	!!54		723558

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F69991			F70086		
Sampling Date							
COC Number		318766			318766		
	Units	**102F01-4-1A**	**DL**	**QC Batch**	**102F01-4-1B**	**DL**	**QC Batch**
ANIONS							
Dissolved Chloride (Cl)	mg/L	10	1	724484	8.3	1	724484
Dissolved Sulphate (SO4)	mg/L	4.6	2	725914	3.0	2	728069
CONVENTIONALS							
Total Alkalinity (Total as CaCO3)	mg/L	22	5	725086	ND	5	730093
Colour	TCU	ND	5	725021	ND	5	725021
pH	pH	7.18	N/A	722963	6.46	N/A	722963
Reactive Silica (SiO2)	mg/L	4.4	0.5	724682	7.8	0.5	724682
Turbidity	NTU	22	0.2	724036	80	0.6	724036
Conductivity	uS/cm	69	1	723176	41	1	723176
Nutrients							
Nitrate + Nitrite	mg/L	ND	0.05	725044	ND	0.05	725044
Nitrite (N)	mg/L	ND	0.01	724620	ND	0.01	724620
Nitrogen (Ammonia Nitrogen)	mg/L	ND	0.05	725055	ND	0.05	725055
Total Organic Carbon (C)	mg/L	ND	5	722968	ND	3	722968
Orthophosphate (P)	mg/L	ND	0.01	726008	ND	0.01	728672

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F70090			F70092		
Sampling Date							
COC Number		318766			318766		
	Units	**102F01-4-5A**	**DL**	**QC Batch**	**102F01-4-5B**	**DL**	**QC Batch**
ANIONS							
Dissolved Chloride (Cl)	mg/L	10	1	724484	12	1	724484
Dissolved Sulphate (SO4)	mg/L	4.3	2	725914	9.2	2	725914
CONVENTIONALS							
Total Alkalinity (Total as CaCO3)	mg/L	87	40	730251	96	20	725962
Colour	TCU	21	5	725021	26	5	725021
pH	pH	6.75	N/A	722963	7.03	N/A	722963
Reactive Silica (SiO2)	mg/L	6.4	0.5	724682	7.0	0.5	724682
Turbidity	NTU	15	0.2	724036	49	0.6	724036
Conductivity	uS/cm	190	1	723176	190	1	723176
Nutrients							
Nitrate + Nitrite	mg/L	ND	0.05	725044	ND	0.05	725044
Nitrite (N)	mg/L	ND	0.01	724620	ND	0.01	724620
Nitrogen (Ammonia Nitrogen)	mg/L	0.14	0.05	725055	0.06	0.05	725055
Total Organic Carbon (C)	mg/L	2.5	0.5	722968	6.1	5	722968
Orthophosphate (P)	mg/L	ND	0.01	726008	ND	0.01	726008

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F70093		F70095		
Sampling Date						
COC Number		318766		318766		
	Units	**102F01-4-6A**	**DL**	**102F01-4-6B**	**DL**	**QC Batch**
ANIONS						
Dissolved Chloride (Cl)	mg/L	6.5	1	5.0	1	724484
Dissolved Sulphate (SO4)	mg/L	7.1	2	7.8	2	725914
CONVENTIONALS						
Total Alkalinity (Total as CaCO3)	mg/L	87	20	89	20	725962
Colour	TCU	ND	5	ND	5	725021
pH	pH	6.86	N/A	7.37	N/A	723170
Reactive Silica (SiO2)	mg/L	7.7	0.5	8.1	0.5	724682
Turbidity	NTU	350	5	240	2	724036
Conductivity	uS/cm	180	1	190	1	723182
Nutrients						
Nitrate + Nitrite	mg/L	0.07	0.05	0.19	0.05	725044
Nitrite (N)	mg/L	ND	0.01	0.01	0.01	724620
Nitrogen (Ammonia Nitrogen)	mg/L	ND	0.05	ND	0.05	725055
Total Organic Carbon (C)	mg/L	ND	10	11	10	722968
Orthophosphate (P)	mg/L	ND	0.01	ND	0.01	726008

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F70096			F70099		
Sampling Date							
COC Number		318766			318766		
	Units	**102F01-4-7A**	**DL**	**QC Batch**	**102F01-4-7B**	**DL**	**QC Batch**
ANIONS							
Dissolved Chloride (Cl)	mg/L	8.4	1	724484	15	1	724484
Dissolved Sulphate (SO4)	mg/L	11	2	725889	5.4	2	725889
CONVENTIONALS							
Total Alkalinity (Total as CaCO3)	mg/L	42	5	725086	25	5	725086
Colour	TCU	15	5	725021	8.9	5	725021
pH	pH	8.38	N/A	724815	7.08	N/A	723170
Reactive Silica (SiO2)	mg/L	3.8	0.5	724682	5.5	0.5	724682
Turbidity	NTU	2200	20	724036	38	0.6	724036
Conductivity	uS/cm	130	1	724823	110	1	723182
Nutrients							
Nitrate + Nitrite	mg/L	0.08	0.05	725044	ND	0.05	725044
Nitrite (N)	mg/L	ND	0.01	724620	ND	0.01	724620
Nitrogen (Ammonia Nitrogen)	mg/L	0.10	0.05	725055	ND	0.05	725055
Total Organic Carbon (C)	mg/L	ND	100	722968	ND	5	722968
Orthophosphate (P)	mg/L	ND	0.01	726029	ND	0.01	726029

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F70100	F70100			F70101		
Sampling Date								
COC Number		318766	318766			318766		
	Units	**102F01-4-7C**	**102F01-4-7C Dup**	**DL**	**QC Batch**	**102F01-4-8A**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	7.8	8.0	1	724493	15	1	724493
Dissolved Sulphate (SO4)	mg/L	<5		5	725914	5.5	2	725889
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	8.6	7.3	5	725098	27	5	725098
Colour	TCU	34		5	726022	12	5	725030
pH	pH	7.15		N/A	723170	6.68	N/A	723170
Reactive Silica (SiO2)	mg/L	5.5	5.1	0.6	724686	5.6	0.6	724686
Turbidity	NTU	1.6		0.2	724036	54	0.6	724036
Conductivity	uS/cm	57		1	723182	110	1	723182
Nutrients								
Nitrate + Nitrite	mg/L	0.06	0.07	0.05	725056	ND	0.05	725056
Nitrite (N)	mg/L	ND	ND	0.01	724634	ND	0.01	724634
Nitrogen (Ammonia Nitrogen)	mg/L	0.05	ND	0.05	725064	ND	0.05	725064
Total Organic Carbon (C)	mg/L	6.4		0.5	722968	ND	5	722974
Orthophosphate (P)	mg/L	ND		0.01	726008	ND	0.01	726029

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

RESULTS OF ANALYSES OF WATER

Maxxam ID		F70101			F70112		
Sampling Date							
COC Number		318766			318766		
	Units	**102F01-4-8A Dup**	**DL**	**QC Batch**	**102F01-4-5C**	**DL**	**QC Batch**
ANIONS							
Dissolved Chloride (Cl)	mg/L		1	724493	6.3	1	724493
Dissolved Sulphate (SO4)	mg/L		2	725889	15	2	725914
CONVENTIONALS							
Total Alkalinity (Total as CaCO3)	mg/L		5	725098	ND	5	725098
Colour	TCU		5	725030	39	5	726022
pH	pH	6.65	N/A	723170	5.77	N/A	723170
Reactive Silica (SiO2)	mg/L		0.6	724686	4.4	0.6	724686
Turbidity	NTU	55	0.6	724036	0.4	0.2	724036
Conductivity	uS/cm	120	1	723182	36	1	723182
Nutrients							
Nitrate + Nitrite	mg/L		0.05	725056	ND	0.05	725056
Nitrite (N)	mg/L		0.01	724634	ND	0.01	724634
Nitrogen (Ammonia Nitrogen)	mg/L		0.05	725064	ND	0.05	725064
Total Organic Carbon (C)	mg/L		5	722974	6.2	0.5	722974
Orthophosphate (P)	mg/L		0.01	726029	ND	0.01	726008

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

EXTRACTABLE HYDROCARBONS (PIRI)

Maxxam ID		F69991	F70086	F70090	F70092	F70093		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-1A**	**102F01-4-1B**	**102F01-4-5A**	**102F01-4-5B**	**102F01-4-6A**	**DL**	**QC Batch**
Hydrocarbons								
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	ND	0.06	0.05	722849
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	ND	ND	0.1	722849
Modified TPH (Tier1)	mg/L	ND	ND	ND	ND	ND	0.1	723039
Volatile Hydrocarbons								
Benzene	mg/L	ND	ND	ND	ND	ND	0.001	724228
Toluene	mg/L	ND	ND	ND	ND	ND	0.001	724228
Ethylbenzene	mg/L	ND	ND	ND	ND	ND	0.001	724228
Xylene (Total)	mg/L	ND	ND	ND	ND	ND	0.002	724228
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	ND	ND	0.01	724228
Surrogate Recovery (%)								
Isobutylbenzene - Extractable	%	97	99	97	96	98		722849
n-Dotriacontane - Extractable	%	93	94	86	86	90		722849
Isobutylbenzene - Volatile	%	101	101	100	100	100		724228

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

EXTRACTABLE HYDROCARBONS (PIRI)

Maxxam ID		F70095	F70096	F70099	F70100	F70101		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-6B**	**102F01-4-7A**	**102F01-4-7B**	**102F01-4-7C**	**102F01-4-8A**	**DL**	**QC Batch**
Hydrocarbons								
>C10-C21 Hydrocarbons	mg/L	ND	ND	ND	ND	0.06	0.05	722849
>C21-<C32 Hydrocarbons	mg/L	ND	ND	ND	ND	ND	0.1	722849
Modified TPH (Tier1)	mg/L	ND	ND	ND	ND	ND	0.1	723039
Volatile Hydrocarbons								
Benzene	mg/L	ND	ND	ND	ND	ND	0.001	724228
Toluene	mg/L	ND	ND	ND	ND	ND	0.001	724228
Ethylbenzene	mg/L	ND	ND	ND	ND	ND	0.001	724228
Xylene (Total)	mg/L	ND	ND	ND	ND	ND	0.002	724228
C6 - C10 (less BTEX)	mg/L	ND	ND	ND	ND	ND	0.01	724228
Surrogate Recovery (%)								
Isobutylbenzene - Extractable	%	96	96	99	95	100		722849
n-Dotriacontane - Extractable	%	86	86	92	96	96		722849
Isobutylbenzene - Volatile	%	99	96	102	104	105		724228

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

EXTRACTABLE HYDROCARBONS (PIRI)

Maxxam ID		F70101		F70142		
Sampling Date						
COC Number		318766		318766		
	Units	**102F01-4-8A Dup**	**QC Batch**	**FIELD BLANK (040105FB2)**	**DL**	**QC Batch**
Hydrocarbons						
>C10-C21 Hydrocarbons	mg/L	ND	722849	ND	0.05	722849
>C21-<C32 Hydrocarbons	mg/L	ND	722849	ND	0.1	722849
Modified TPH (Tier1)	mg/L	ND	723039	ND	0.1	723071
Volatile Hydrocarbons						
Benzene	mg/L	ND	724228	ND	0.001	724228
Toluene	mg/L	ND	724228	ND	0.001	724228
Ethylbenzene	mg/L	ND	724228	ND	0.001	724228
Xylene (Total)	mg/L	ND	724228	ND	0.002	724228
C6 - C10 (less BTEX)	mg/L	ND	724228	ND	0.01	724228
Surrogate Recovery (%)						
Isobutylbenzene - Extractable	%	95	722849	94		722849
n-Dotriacontane - Extractable	%	93	722849	92		722849
Isobutylbenzene - Volatile	%	108	724228	108		724228

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F69991	F70086	F70090	F70092	F70093		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-1A**	**102F01-4-1B**	**102F01-4-5A**	**102F01-4-5B**	**102F01-4-6A**	**DL**	**QC Batch**
Elements								
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	0.05	722633
Dissolved Aluminum (Al)	ug/L	120	200	67	120	38	10	722971
Dissolved Antimony (Sb)	ug/L	ND	ND	4.2	ND	ND	2	722971
Dissolved Arsenic (As)	ug/L	ND	ND	600	280	100	2	722971
Dissolved Barium (Ba)	ug/L	6.4	6.1	7.9	9.6	7.1	5	722971
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	ND	ND	2	722971
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	ND	ND	2	722971
Dissolved Boron (B)	ug/L	ND	ND	13	11	5.9	5	722971
Dissolved Calcium (Ca)	mg/L	3.5	1.6	29	27	25	0.1	723431
Dissolved Cadmium (Cd)	ug/L	ND	ND	ND	ND	ND	0.3	722971
Dissolved Potassium (K)	mg/L	1.0	0.7	2.2	2.6	2.2	0.2	723431
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	ND	ND	2	722971
Dissolved Magnesium (Mg)	mg/L	0.8	0.6	2.5	2.4	2.8	0.1	723431
Dissolved Cobalt (Co)	ug/L	ND	1.5	6.4	1.5	1.2	1	722971
Dissolved Sodium (Na)	mg/L	11	5.3	10	14	10	0.2	723431
Dissolved Copper (Cu)	ug/L	ND	2.1	ND	2.1	3.7	2	722971
Dissolved Phosphorus (P)	mg/L	ND	ND	ND	ND	ND	0.1	723431
Dissolved Iron (Fe)	ug/L	ND	150	3400	430	ND	50	722971
Dissolved Lead (Pb)	ug/L	ND	ND	1.3	4.1	ND	0.5	722971
Dissolved Manganese (Mn)	ug/L	100	110	980	640	140	2	722971
Dissolved Molybdenum (Mo)	ug/L	21	6.7	10	6.5	20	2	722971
Dissolved Nickel (Ni)	ug/L	ND	ND	ND	ND	2.9	2	722971
Dissolved Selenium (Se)	ug/L	ND	ND	ND	ND	ND	2	722971
Dissolved Silver (Ag)	ug/L	ND	ND	ND	ND	ND	0.5	722971
Dissolved Strontium (Sr)	ug/L	21	8.4	200	150	100	5	722971
Dissolved Thallium (Tl)	ug/L	ND	ND	ND	ND	ND	0.1	722971
Dissolved Tin (Sn)	ug/L	ND	ND	ND	ND	ND	2	722971
Dissolved Titanium (Ti)	ug/L	ND	ND	ND	4.8	ND	2	722971
Dissolved Uranium (U)	ug/L	0.1	ND	0.7	0.6	0.7	0.1	722971
Dissolved Vanadium (V)	ug/L	ND	ND	ND	ND	ND	2	722971
Dissolved Zinc (Zn)	ug/L	7.1	ND	7.2	20	8.0	5	722971

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F70095	F70096	F70099	F70100	F70100		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-6B**	**102F01-4-7A**	**102F01-4-7B**	**102F01-4-7C**	**102F01-4-7C Dup**	**DL**	**QC Batch**
Elements								
Total Mercury (Hg)	ug/L	ND	ND	ND	ND	ND	0.05	722633
Dissolved Aluminum (Al)	ug/L	400	470	51	150		10	722971
Dissolved Antimony (Sb)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Arsenic (As)	ug/L	53	2.9	ND	ND		2	722971
Dissolved Barium (Ba)	ug/L	5.5	7.7	6.9	ND		5	722971
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Boron (B)	ug/L	13	5.9	8.4	ND		5	722971
Dissolved Calcium (Ca)	mg/L	4.6	20	11	2.3		0.1	723431
Dissolved Cadmium (Cd)	ug/L	0.5	ND	ND	ND		0.3	722971
Dissolved Potassium (K)	mg/L	2.2	4.5	1.4	0.5		0.2	723431
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Magnesium (Mg)	mg/L	0.8	1.9	1.5	0.6		0.1	723431
Dissolved Cobalt (Co)	ug/L	ND	ND	6.4	ND		1	722971
Dissolved Sodium (Na)	mg/L	51	8.1	10	5.7		0.2	723431
Dissolved Copper (Cu)	ug/L	3.2	2.9	ND	ND		2	722971
Dissolved Phosphorus (P)	mg/L	0.1	ND	ND	ND		0.1	723431
Dissolved Iron (Fe)	ug/L	230	460	120	230		50	722971
Dissolved Lead (Pb)	ug/L	0.6	0.6	ND	0.7		0.5	722971
Dissolved Manganese (Mn)	ug/L	33	170	450	16		2	722971
Dissolved Molybdenum (Mo)	ug/L	190	39	6.5	ND		2	722971
Dissolved Nickel (Ni)	ug/L	ND	ND	3.0	ND		2	722971
Dissolved Selenium (Se)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Silver (Ag)	ug/L	ND	ND	ND	ND		0.5	722971
Dissolved Strontium (Sr)	ug/L	25	57	50	14		5	722971
Dissolved Thallium (Tl)	ug/L	ND	ND	ND	ND		0.1	722971
Dissolved Tin (Sn)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Titanium (Ti)	ug/L	9.1	12	ND	ND		2	722971
Dissolved Uranium (U)	ug/L	1.1	0.4	ND	ND		0.1	722971
Dissolved Vanadium (V)	ug/L	ND	ND	ND	ND		2	722971
Dissolved Zinc (Zn)	ug/L	ND	ND	7.5	7.6		5	722971

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		F70101	F70101	F70112		
Sampling Date						
COC Number		318766	318766	318766		
	Units	**102F01-4-8A**	**102F01-4-8A Dup**	**102F01-4-5C**	**DL**	**QC Batch**
Elements						
Total Mercury (Hg)	ug/L	ND		ND	0.05	722633
Dissolved Aluminum (Al)	ug/L	54	50	150	10	722971
Dissolved Antimony (Sb)	ug/L	ND	ND	ND	2	722971
Dissolved Arsenic (As)	ug/L	ND	ND	ND	2	722971
Dissolved Barium (Ba)	ug/L	6.5	6.6	ND	5	722971
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	2	722971
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	2	722971
Dissolved Boron (B)	ug/L	5.9	6.2	ND	5	722971
Dissolved Calcium (Ca)	mg/L	11	11	1.3	0.1	723431
Dissolved Cadmium (Cd)	ug/L	ND	ND	ND	0.3	722971
Dissolved Potassium (K)	mg/L	1.4	1.4	0.4	0.2	723431
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	2	722971
Dissolved Magnesium (Mg)	mg/L	1.4	1.5	0.4	0.1	723431
Dissolved Cobalt (Co)	ug/L	6.3	6.4	ND	1	722971
Dissolved Sodium (Na)	mg/L	10	10	4.8	0.2	723431
Dissolved Copper (Cu)	ug/L	2.1	ND	ND	2	722971
Dissolved Phosphorus (P)	mg/L	ND	ND	ND	0.1	723431
Dissolved Iron (Fe)	ug/L	120	110	100	50	722971
Dissolved Lead (Pb)	ug/L	ND	ND	ND	0.5	722971
Dissolved Manganese (Mn)	ug/L	450	450	8.7	2	722971
Dissolved Molybdenum (Mo)	ug/L	5.9	6.0	ND	2	722971
Dissolved Nickel (Ni)	ug/L	3.1	3.0	ND	2	722971
Dissolved Selenium (Se)	ug/L	ND	ND	ND	2	722971
Dissolved Silver (Ag)	ug/L	ND	ND	ND	0.5	722971
Dissolved Strontium (Sr)	ug/L	49	49	8.1	5	722971
Dissolved Thallium (Tl)	ug/L	ND	ND	ND	0.1	722971
Dissolved Tin (Sn)	ug/L	ND	ND	ND	2	722971
Dissolved Titanium (Ti)	ug/L	ND	ND	ND	2	722971
Dissolved Uranium (U)	ug/L	ND	ND	ND	0.1	722971
Dissolved Vanadium (V)	ug/L	ND	ND	ND	2	722971
Dissolved Zinc (Zn)	ug/L	12	5.5	5.9	5	722971

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F69991		F70086	F70090	F70092		
Sampling Date								
COC Number		318766		318766	318766	318766		
	Units	**102F01-4-1A**	**QC Batch**	**102F01-4-1B**	**102F01-4-5A**	**102F01-4-5B**	**DL**	**QC Batch**
CHLOROBENZENES								
1,2-Dichlorobenzene	ug/L	ND	721787	ND	ND	ND	0.5	722681
1,3-Dichlorobenzene	ug/L	ND	721787	ND	ND	ND	1	722681
1,4-Dichlorobenzene	ug/L	ND	721787	ND	ND	ND	1	722681
Chlorobenzene	ug/L	ND	721787	ND	ND	ND	1	722681
VOLATILES								
1,1,1-Trichloroethane	ug/L	ND	721787	ND	ND	ND	1	722681
1,1,2,2-Tetrachloroethane	ug/L	ND	721787	ND	ND	ND	1	722681
1,1,2-Trichloroethane	ug/L	ND	721787	ND	ND	ND	1	722681
1,1-Dichloroethane	ug/L	ND	721787	ND	ND	ND	2	722681
1,1-Dichloroethylene	ug/L	ND	721787	ND	ND	ND	2	722681
1,2-Dibromoethane (EDB)	ug/L	ND	721787	ND	ND	ND	1	722681
1,2-Dichloroethane	ug/L	ND	721787	ND	ND	ND	1	722681
1,2-Dichloropropane	ug/L	ND	721787	ND	ND	ND	1	722681
Benzene	ug/L	ND	721787	ND	ND	ND	1	722681
Bromodichloromethane	ug/L	ND	721787	ND	ND	ND	1	722681
Bromoform	ug/L	ND	721787	ND	ND	ND	1	722681
Bromomethane	ug/L	ND	721787	ND	ND	ND	8	722681
Carbon Tetrachloride	ug/L	ND	721787	ND	ND	ND	1	722681
Chloroethane	ug/L	ND	721787	ND	ND	ND	8	722681
Chloroform	ug/L	2.7	721787	2.7	ND	ND	1	722681
Chloromethane	ug/L	ND	721787	ND	ND	ND	8	722681
cis-1,2-Dichloroethylene	ug/L	ND	721787	ND	ND	ND	2	722681
cis-1,3-Dichloropropene	ug/L	ND	721787	ND	ND	ND	2	722681
Dibromochloromethane	ug/L	ND	721787	ND	ND	ND	1	722681
Dichloromethane(Methylene Chloride)	ug/L	ND	721787	ND	ND	ND	3	722681
Ethylbenzene	ug/L	ND	721787	ND	ND	ND	1	722681
o-Xylene	ug/L	ND	721787	ND	ND	ND	1	722681
p+m-Xylene	ug/L	ND	721787	ND	ND	ND	2	722681
Styrene	ug/L	ND	721787	ND	ND	ND	1	722681
Tetrachloroethylene	ug/L	ND	721787	ND	ND	ND	1	722681
Toluene	ug/L	ND	721787	ND	ND	ND	1	722681
trans-1,2-Dichloroethylene	ug/L	ND	721787	ND	ND	ND	2	722681
trans-1,3-Dichloropropene	ug/L	ND	721787	ND	ND	ND	1	722681

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F69991		F70086	F70090	F70092		
Sampling Date								
COC Number		318766		318766	318766	318766		
	Units	**102F01-4-1A**	**QC Batch**	**102F01-4-1B**	**102F01-4-5A**	**102F01-4-5B**	**DL**	**QC Batch**
Trichloroethylene	ug/L	ND	721787	ND	ND	ND	1	722681
Trichlorofluoromethane (FREON 11)	ug/L	ND	721787	ND	ND	ND	8	722681
Vinyl Chloride	ug/L	ND	721787	ND	ND	ND	1	722681
Surrogate Recovery (%)								
4-Bromofluorobenzene	%	100	721787	98	99	98		722681
D4-1,2-Dichloroethane	%	102	721787	104	105	104		722681
D8-Toluene	%	107	721787	99	102	101		722681

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F70093	F70095	F70096	F70099	F70100		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-6A**	**102F01-4-6B**	**102F01-4-7A**	**102F01-4-7B**	**102F01-4-7C**	**DL**	**QC Batch**
CHLOROBENZENES								
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	0.5	722681
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	1	722681
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	1	722681
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	1	722681
VOLATILES								
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	1	722681
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	1	722681
1,1,2-Trichloroethane	ug/L	ND	ND	ND	ND	ND	1	722681
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	2	722681
1,1-Dichloroethylene	ug/L	ND	ND	ND	ND	ND	2	722681
1,2-Dibromoethane (EDB)	ug/L	ND	ND	ND	ND	ND	1	722681
1,2-Dichloroethane	ug/L	ND	ND	ND	ND	ND	1	722681
1,2-Dichloropropane	ug/L	ND	ND	ND	ND	ND	1	722681
Benzene	ug/L	ND	ND	ND	ND	ND	1	722681
Bromodichloromethane	ug/L	ND	ND	ND	ND	ND	1	722681
Bromoform	ug/L	ND	ND	ND	ND	ND	1	722681
Bromomethane	ug/L	ND	ND	ND	ND	ND	8	722681
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	1	722681
Chloroethane	ug/L	ND	ND	ND	ND	ND	8	722681
Chloroform	ug/L	ND	ND	1.1	ND	2.3	1	722681
Chloromethane	ug/L	ND	ND	ND	ND	ND	8	722681
cis-1,2-Dichloroethylene	ug/L	ND	ND	ND	ND	ND	2	722681
cis-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	2	722681
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	1	722681
Dichloromethane(Methylene Chloride)	ug/L	ND	ND	ND	ND	ND	3	722681
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	1	722681
o-Xylene	ug/L	ND	ND	ND	ND	ND	1	722681
p+m-Xylene	ug/L	ND	ND	ND	ND	ND	2	722681
Styrene	ug/L	ND	ND	ND	ND	ND	1	722681
Tetrachloroethylene	ug/L	ND	ND	ND	ND	ND	1	722681
Toluene	ug/L	ND	ND	ND	ND	ND	1	722681
trans-1,2-Dichloroethylene	ug/L	ND	ND	ND	ND	ND	2	722681
trans-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	1	722681

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F70093	F70095	F70096	F70099	F70100		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-6A**	**102F01-4-6B**	**102F01-4-7A**	**102F01-4-7B**	**102F01-4-7C**	**DL**	**QC Batch**
Trichloroethylene	ug/L	ND	ND	ND	ND	ND	1	722681
Trichlorofluoromethane (FREON 11)	ug/L	ND	ND	ND	ND	ND	8	722681
Vinyl Chloride	ug/L	ND	ND	ND	ND	ND	1	722681
Surrogate Recovery (%)								
4-Bromofluorobenzene	%	99	97	101	100	99		722681
D4-1,2-Dichloroethane	%	106	108	105	106	106		722681
D8-Toluene	%	99	99	100	100	101		722681

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F70101	F70101	F70142		
Sampling Date						
COC Number		318766	318766	318766		
	Units	**102F01-4-8A**	**102F01-4-8A Dup**	**FIELD BLANK (040105FB2)**	**DL**	**QC Batch**
CHLOROBENZENES						
1,2-Dichlorobenzene	ug/L	ND	ND	ND	0.5	722681
1,3-Dichlorobenzene	ug/L	ND	ND	ND	1	722681
1,4-Dichlorobenzene	ug/L	ND	ND	ND	1	722681
Chlorobenzene	ug/L	ND	ND	ND	1	722681
VOLATILES						
1,1,1-Trichloroethane	ug/L	ND	ND	ND	1	722681
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	1	722681
1,1,2-Trichloroethane	ug/L	ND	ND	ND	1	722681
1,1-Dichloroethane	ug/L	ND	ND	ND	2	722681
1,1-Dichloroethylene	ug/L	ND	ND	ND	2	722681
1,2-Dibromoethane (EDB)	ug/L	ND	ND	ND	1	722681
1,2-Dichloroethane	ug/L	ND	ND	ND	1	722681
1,2-Dichloropropane	ug/L	ND	ND	ND	1	722681
Benzene	ug/L	ND	ND	ND	1	722681
Bromodichloromethane	ug/L	ND	ND	ND	1	722681
Bromoform	ug/L	ND	ND	ND	1	722681
Bromomethane	ug/L	ND	ND	ND	8	722681
Carbon Tetrachloride	ug/L	ND	ND	ND	1	722681
Chloroethane	ug/L	ND	ND	ND	8	722681
Chloroform	ug/L	ND	ND	ND	1	722681
Chloromethane	ug/L	ND	ND	ND	8	722681
cis-1,2-Dichloroethylene	ug/L	ND	ND	ND	2	722681
cis-1,3-Dichloropropene	ug/L	ND	ND	ND	2	722681
Dibromochloromethane	ug/L	ND	ND	ND	1	722681
Dichloromethane(Methylene Chloride)	ug/L	ND	ND	ND	3	722681
Ethylbenzene	ug/L	ND	ND	ND	1	722681
o-Xylene	ug/L	ND	ND	ND	1	722681
p+m-Xylene	ug/L	ND	ND	ND	2	722681
Styrene	ug/L	ND	ND	ND	1	722681
Tetrachloroethylene	ug/L	ND	ND	ND	1	722681
Toluene	ug/L	ND	ND	ND	1	722681
trans-1,2-Dichloroethylene	ug/L	ND	ND	ND	2	722681

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		F70101	F70101	F70142		
Sampling Date						
COC Number		318766	318766	318766		
	Units	**102F01-4-8A**	**102F01-4-8A Dup**	**FIELD BLANK (040105FB2)**	**DL**	**QC Batch**
trans-1,3-Dichloropropene	ug/L	ND	ND	ND	1	722681
Trichloroethylene	ug/L	ND	ND	ND	1	722681
Trichlorofluoromethane (FREON 11)	ug/L	ND	ND	ND	8	722681
Vinyl Chloride	ug/L	ND	ND	ND	1	722681
Surrogate Recovery (%)						
4-Bromofluorobenzene	%	100	101	101		722681
D4-1,2-Dichloroethane	%	104	107	105		722681
D8-Toluene	%	101	101	102		722681

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

CALCULATED PARAMETERS (WATER)

Maxxam ID		F69991	F70086	F70090	F70092	F70093		
Sampling Date								
COC Number		318766	318766	318766	318766	318766		
	Units	**102F01-4-1A**	**102F01-4-1B**	**102F01-4-5A**	**102F01-4-5B**	**102F01-4-6A**	**DL**	**QC Batch**
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	21.9	ND	86.9	96.2	86.5	1	722593
Calculated TDS	mg/L	48.3	27.7	123	133	114	1	722609
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	ND	ND	ND	1	722593
Dissolved Hardness (CaCO3)	mg/L	12	6.6	82	77	74	N/A	722595
Langelier Index (@ 20C)	N/A	-2.24	NC	-1.22	-0.919	-1.15	N/A	722604
Langelier Index (@ 4C)	N/A	-2.49	NC	-1.47	-1.17	-1.40	N/A	722606
Nitrate (N)	mg/L	ND	ND	ND	ND	0.07	0.05	722602
Saturation pH (@ 20C)	N/A	9.42	NC	7.97	7.95	8.01	N/A	722604
Saturation pH (@ 4C)	N/A	9.67	NC	8.22	8.20	8.26	N/A	722606
RCAP Calculations								
Anion Sum	me/L	0.815	0.296	2.12	2.45	2.07	N/A	722600
Cation Sum	me/L	0.736	0.389	2.30	2.24	1.97	N/A	722600
Ion Balance (% Difference)	%	5.08	13.5	4.14	4.54	2.38	N/A	722598

ND = Not detected
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

CALCULATED PARAMETERS (WATER)

Maxxam ID		F70095	F70096	F70099	F70100		
Sampling Date							
COC Number		318766	318766	318766	318766		
	Units	**102F01-4-6B**	**102F01-4-7A**	**102F01-4-7B**	**102F01-4-7C**	**DL**	**QC Batch**
CALCULATION							
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	89.2	41.2	25.1	9	1	722593
Calculated TDS	mg/L	135	83.8	65.7	28.0	1	722609
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	ND	ND	1	722593
Dissolved Hardness (CaCO3)	mg/L	15	57	33	8.0	N/A	722595
Langelier Index (@ 20C)	N/A	-1.38	-0.0420	-1.81	-2.87	N/A	722604
Langelier Index (@ 4C)	N/A	-1.63	-0.294	-2.06	-3.12	N/A	722606
Nitrate (N)	mg/L	0.18	0.08	ND	0.06	0.05	722602
Saturation pH (@ 20C)	N/A	8.75	8.42	8.89	10.0	N/A	722604
Saturation pH (@ 4C)	N/A	9.00	8.67	9.14	10.3	N/A	722606
RCAP Calculations							
Anion Sum	me/L	2.11	1.31	1.04	0.395	N/A	722600
Cation Sum	me/L	2.60	1.63	1.14	0.433	N/A	722600
Ion Balance (% Difference)	%	10.4	10.8	4.48	4.53	N/A	722598

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

CALCULATED PARAMETERS (WATER)

Maxxam ID		F70101		F70101		F70112		
Sampling Date								
COC Number		318766		318766		318766		
	Units	**102F01-4-8A**	**DL**	**102F01-4-8A Dup**	**DL**	**102F01-4-5C**	**DL**	**QC Batch**
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	27.4	1	TBA	TBA	ND	1	722593
Calculated TDS	mg/L	66.7	1	TBA	TBA	32.3	1	722609
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	1	TBA	TBA	ND	1	722593
Dissolved Hardness (CaCO3)	mg/L	33	N/A	33	N/A	5.0	N/A	722595
Langelier Index (@ 20C)	N/A	-2.17	N/A	TBA	TBA	NC	N/A	722604
Langelier Index (@ 4C)	N/A	-2.43	N/A	TBA	TBA	NC	N/A	722606
Nitrate (N)	mg/L	ND	0.05	TBA	TBA	ND	0.05	722603
Saturation pH (@ 20C)	N/A	8.85	N/A	TBA	TBA	NC	N/A	722604
Saturation pH (@ 4C)	N/A	9.11	N/A	TBA	TBA	NC	N/A	722606
RCAP Calculations								
Anion Sum	me/L	1.09	N/A	TBA	TBA	0.480	N/A	722600
Cation Sum	me/L	1.13	N/A	1.15	N/A	0.324	N/A	722600
Ion Balance (% Difference)	%	2.03	N/A	TBA	TBA	19.5	N/A	722598

ND = Not detected
TBA = Result to follow
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

GENERAL COMMENTS

Sample F69991-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample F70086-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample F70090-01: TEH sample contained sediment.

Sample F70092-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

Sample F70093-01: Elevated detection limit for TOC due to matrix interference.

Traces in the fuel oil range. TEH sample contained sediment.

Sample F70095-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

Poor RCAp Ion Balance due to sample matrix. Excess cations due to presence of turbidity.

Sample F70096-01: Elevated detection limit for TOC due to matrix interference.

TEH sample contained sediment.

Poor RCAp Ion Balance due to sample matrix. Excess cations due to presence of turbidity.

Sample F70099-01: Elevated detection limit for TOC due to matrix interference.

Sample F70100-01: Elevated RDL for sulphate due to sample matrix.

Sample F70101-01: Elevated detection limit for TOC due to matrix interference.

Traces in the fuel oil range.

Sample F70112-01: RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample F70142-01: Elevated VOC EQL(s) due to sample matrix interference.

Sample F70144-01: Elevated VPH EQL(s) due to sample dilution.
VPH surrogate not within acceptance limits. Sample was repeated with similar results.

TEH surrogate(s) not within acceptance limits due to sample dilution / product interference. Unidentified compound(s) in fuel range. Lube oil fraction.

RESULTS OF ANALYSES OF WATER

Turbidity: Elevated Turbidity RDL for QC Batch 724036 due to Continuing Calibration Blank performance.

Phosphorus - ortho: Elevated o-PO4 Blank Spike recovery for QC Batch 728672 due to QC prep error. Independant RM recovery acceptable.

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam Job #: A532028
Report Date: 2005/05/06

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

Dis.metals in water ICP-OES: Potassium: Elevated Potassium Detection Limit = 0.2 mg/L

Sodium: Elevated Sodium Detection Limit = 0.2 mg/L

Results relate only to the items tested.

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report

Maxxam Job Number: DA532028

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
721787	RMC	MATRIX SPIKE	1,2-Dichlorobenzene	2005/04/25		100	%	70 - 130
			1,3-Dichlorobenzene	2005/04/25		100	%	70 - 130
			1,4-Dichlorobenzene	2005/04/25		100	%	70 - 130
			Chlorobenzene	2005/04/25		100	%	70 - 130
			1,1,1-Trichloroethane	2005/04/25		111	%	70 - 130
			1,1,2,2-Tetrachloroethane	2005/04/25		105	%	70 - 130
			1,1,2-Trichloroethane	2005/04/25		105	%	70 - 130
			1,1-Dichloroethane	2005/04/25		105	%	70 - 130
			1,1-Dichloroethylene	2005/04/25		111	%	70 - 130
			1,2-Dibromoethane (EDB)	2005/04/25		105	%	70 - 130
			1,2-Dichloroethane	2005/04/25		105	%	70 - 130
			1,2-Dichloropropane	2005/04/25		105	%	70 - 130
			4-Bromofluorobenzene	2005/04/25		104	%	70 - 130
			Benzene	2005/04/25		100	%	70 - 130
			Bromodichloromethane	2005/04/25		100	%	70 - 130
			Bromoform	2005/04/25		95	%	70 - 130
			Bromomethane	2005/04/25		95	%	70 - 130
			Carbon Tetrachloride	2005/04/25		111	%	70 - 130
			Chloroethane	2005/04/25		111	%	70 - 130
			Chloroform	2005/04/25		111	%	70 - 130
			Chloromethane	2005/04/25		89	%	70 - 130
			cis-1,2-Dichloroethylene	2005/04/25		110	%	70 - 130
			cis-1,3-Dichloropropene	2005/04/25		84	%	70 - 130
			D4-1,2-Dichloroethane	2005/04/25		105	%	70 - 130
			D8-Toluene	2005/04/25		100	%	70 - 130
			Dibromochloromethane	2005/04/25		100	%	70 - 130
			Dichloromethane(Methylene Chloride)	2005/04/25		105	%	70 - 130
			Ethylbenzene	2005/04/25		105	%	70 - 130
			o-Xylene	2005/04/25		115	%	70 - 130
			p+m-Xylene	2005/04/25		115	%	70 - 130
			Styrene	2005/04/25		110	%	70 - 130
			Tetrachloroethylene	2005/04/25		111	%	70 - 130
			Toluene	2005/04/25		100	%	70 - 130
			trans-1,2-Dichloroethylene	2005/04/25		95	%	70 - 130
			trans-1,3-Dichloropropene	2005/04/25		84	%	70 - 130
			Trichloroethylene	2005/04/25		105	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2005/04/25		111	%	70 - 130
			Vinyl Chloride	2005/04/25		105	%	70 - 130
		Spiked Blank	1,2-Dichlorobenzene	2005/04/25		95	%	70 - 130
			1,3-Dichlorobenzene	2005/04/25		95	%	70 - 130
			1,4-Dichlorobenzene	2005/04/25		95	%	70 - 130
			Chlorobenzene	2005/04/25		100	%	70 - 130
			1,1,1-Trichloroethane	2005/04/25		100	%	70 - 130
			1,1,2,2-Tetrachloroethane	2005/04/25		86	%	70 - 130
			1,1,2-Trichloroethane	2005/04/25		105	%	70 - 130
			1,1-Dichloroethane	2005/04/25		100	%	70 - 130
			1,1-Dichloroethylene	2005/04/25		105	%	70 - 130
			1,2-Dibromoethane (EDB)	2005/04/25		109	%	70 - 130
			1,2-Dichloroethane	2005/04/25		100	%	70 - 130
			1,2-Dichloropropane	2005/04/25		100	%	70 - 130
			4-Bromofluorobenzene	2005/04/25		102	%	70 - 130
			Benzene	2005/04/25		100	%	70 - 130
			Bromodichloromethane	2005/04/25		95	%	70 - 130
			Bromoform	2005/04/25		91	%	70 - 130
			Bromomethane	2005/04/25		95	%	70 - 130
			Carbon Tetrachloride	2005/04/25		105	%	70 - 130

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
721787	RMC	Spiked Blank	Chloroethane	2005/04/25		105	%	70 - 130
			Chloroform	2005/04/25		100	%	70 - 130
			Chloromethane	2005/04/25		91	%	70 - 130
			cis-1,2-Dichloroethylene	2005/04/25		104	%	70 - 130
			cis-1,3-Dichloropropene	2005/04/25		86	%	70 - 130
			D4-1,2-Dichloroethane	2005/04/25		103	%	70 - 130
			D8-Toluene	2005/04/25		105	%	70 - 130
			Dibromochloromethane	2005/04/25		100	%	70 - 130
			Dichloromethane(Methylene Chloride)	2005/04/25		100	%	70 - 130
			Ethylbenzene	2005/04/25		100	%	70 - 130
			o-Xylene	2005/04/25		113	%	70 - 130
			p+m-Xylene	2005/04/25		113	%	70 - 130
			Styrene	2005/04/25		109	%	70 - 130
			Tetrachloroethylene	2005/04/25		109	%	70 - 130
			Toluene	2005/04/25		105	%	70 - 130
			trans-1,2-Dichloroethylene	2005/04/25		95	%	70 - 130
			trans-1,3-Dichloropropene	2005/04/25		86	%	70 - 130
			Trichloroethylene	2005/04/25		114	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2005/04/25		109	%	70 - 130
			Vinyl Chloride	2005/04/25		105	%	70 - 130
		Method Blank	1,2-Dichlorobenzene	2005/04/25	ND, DL=0.5		ug/L	
			1,3-Dichlorobenzene	2005/04/25	ND, DL=1		ug/L	
			1,4-Dichlorobenzene	2005/04/25	ND, DL=1		ug/L	
			Chlorobenzene	2005/04/25	ND, DL=1		ug/L	
			1,1,1-Trichloroethane	2005/04/25	ND, DL=1		ug/L	
			1,1,2,2-Tetrachloroethane	2005/04/25	ND, DL=1		ug/L	
			1,1,2-Trichloroethane	2005/04/25	ND, DL=1		ug/L	
			1,1-Dichloroethane	2005/04/25	ND, DL=2		ug/L	
			1,1-Dichloroethylene	2005/04/25	ND, DL=2		ug/L	
			1,2-Dibromoethane (EDB)	2005/04/25	ND, DL=1		ug/L	
			1,2-Dichloroethane	2005/04/25	ND, DL=1		ug/L	
			1,2-Dichloropropane	2005/04/25	ND, DL=1		ug/L	
			4-Bromofluorobenzene	2005/04/25		97	%	70 - 130
			Benzene	2005/04/25	ND, DL=1		ug/L	
			Bromodichloromethane	2005/04/25	ND, DL=1		ug/L	
			Bromoform	2005/04/25	ND, DL=1		ug/L	
			Bromomethane	2005/04/25	ND, DL=8		ug/L	
			Carbon Tetrachloride	2005/04/25	ND, DL=1		ug/L	
			Chloroethane	2005/04/25	ND, DL=8		ug/L	
			Chloroform	2005/04/25	ND, DL=1		ug/L	
			Chloromethane	2005/04/25	ND, DL=8		ug/L	
			cis-1,2-Dichloroethylene	2005/04/25	ND, DL=2		ug/L	
			cis-1,3-Dichloropropene	2005/04/25	ND, DL=2		ug/L	
			D4-1,2-Dichloroethane	2005/04/25		99	%	70 - 130
			D8-Toluene	2005/04/25		98	%	70 - 130
			Dibromochloromethane	2005/04/25	ND, DL=1		ug/L	
			Dichloromethane(Methylene Chloride)	2005/04/25	ND, DL=3		ug/L	
			Ethylbenzene	2005/04/25	ND, DL=1		ug/L	
			o-Xylene	2005/04/25	ND, DL=1		ug/L	
			p+m-Xylene	2005/04/25	ND, DL=2		ug/L	
			Styrene	2005/04/25	ND, DL=1		ug/L	
			Tetrachloroethylene	2005/04/25	ND, DL=1		ug/L	
			Toluene	2005/04/25	ND, DL=1		ug/L	
			trans-1,2-Dichloroethylene	2005/04/25	ND, DL=2		ug/L	
			trans-1,3-Dichloropropene	2005/04/25	ND, DL=1		ug/L	
			Trichloroethylene	2005/04/25	ND, DL=1		ug/L	

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
721787	RMC	Method Blank	Trichlorofluoromethane (FREON 11)	2005/04/25	ND, DL=8		ug/L	
			Vinyl Chloride	2005/04/25	ND, DL=1		ug/L	
		RPD	1,2-Dichlorobenzene	2005/04/25	NC		%	40
			1,3-Dichlorobenzene	2005/04/25	NC		%	40
			1,4-Dichlorobenzene	2005/04/25	NC		%	40
			Chlorobenzene	2005/04/25	NC		%	40
			1,1,1-Trichloroethane	2005/04/25	NC		%	40
			1,1,2,2-Tetrachloroethane	2005/04/25	NC		%	40
			1,1,2-Trichloroethane	2005/04/25	NC		%	40
			1,1-Dichloroethane	2005/04/25	NC		%	40
			1,1-Dichloroethylene	2005/04/25	NC		%	40
			1,2-Dibromoethane (EDB)	2005/04/25	NC		%	40
			1,2-Dichloroethane	2005/04/25	NC		%	40
			1,2-Dichloropropane	2005/04/25	NC		%	40
			Benzene	2005/04/25	NC		%	40
			Bromodichloromethane	2005/04/25	NC		%	40
			Bromoform	2005/04/25	NC		%	40
			Bromomethane	2005/04/25	NC		%	40
			Carbon Tetrachloride	2005/04/25	NC		%	40
			Chloroethane	2005/04/25	NC		%	40
			Chloroform	2005/04/25	NC		%	40
			Chloromethane	2005/04/25	NC		%	40
			cis-1,2-Dichloroethylene	2005/04/25	NC		%	40
			cis-1,3-Dichloropropene	2005/04/25	NC		%	40
			Dibromochloromethane	2005/04/25	NC		%	40
			Dichloromethane(Methylene Chloride)	2005/04/25	NC		%	40
			Ethylbenzene	2005/04/25	NC		%	40
			o-Xylene	2005/04/25	NC		%	40
			p+m-Xylene	2005/04/25	NC		%	40
			Styrene	2005/04/25	NC		%	40
			Tetrachloroethylene	2005/04/25	NC		%	40
			Toluene	2005/04/25	NC		%	40
			trans-1,2-Dichloroethylene	2005/04/25	NC		%	40
			trans-1,3-Dichloropropene	2005/04/25	NC		%	40
			Trichloroethylene	2005/04/25	NC		%	40
			Trichlorofluoromethane (FREON 11)	2005/04/25	NC		%	40
			Vinyl Chloride	2005/04/25	NC		%	40
722028	SDO	RPD	Moisture	2005/04/25	10.2		%	N/A
722593	JAR	RPD	Bicarb. Alkalinity (calc. as CaCO3)	2005/04/25	NC		%	N/A
			Carb. Alkalinity (calc. as CaCO3)	2005/04/25	NC		%	N/A
722595	JAR	RPD	Dissolved Hardness (CaCO3)	2005/04/25	1.5		%	N/A
722598	JAR	RPD	Ion Balance (% Difference)	2005/04/25	NC		%	N/A
722600	JAR	RPD	Anion Sum	2005/04/25	NC		%	N/A
			Cation Sum	2005/04/25	1.7		%	N/A
722602	JAR	RPD	Nitrate (N)	2005/04/25	NC		%	25
722603	JAR	RPD	Nitrate (N)	2005/04/25	NC		%	25
722604	JAR	RPD	Langelier Index (@ 20C)	2005/04/25	NC		%	N/A
			Saturation pH (@ 20C)	2005/04/25	NC		%	N/A
722606	JAR	RPD	Langelier Index (@ 4C)	2005/04/25	NC		%	N/A
			Saturation pH (@ 4C)	2005/04/25	NC		%	N/A
722609	JAR	RPD	Calculated TDS	2005/04/25	NC		%	N/A
722633	SSI	MATRIX SPIKE	Total Mercury (Hg)	2005/04/25		101	%	80 - 120
		QC STANDARD	Total Mercury (Hg)	2005/04/25		102	%	80 - 120
		Spiked Blank	Total Mercury (Hg)	2005/04/25		102	%	80 - 120
		Method Blank	Total Mercury (Hg)	2005/04/25	ND, DL=0.05		ug/L	
		RPD	Total Mercury (Hg)	2005/04/25	NC		%	25

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722681	RMC	MATRIX SPIKE	1,2-Dichlorobenzene	2005/04/26		100	%	70 - 130
			1,3-Dichlorobenzene	2005/04/26		100	%	70 - 130
			1,4-Dichlorobenzene	2005/04/26		100	%	70 - 130
			Chlorobenzene	2005/04/26		100	%	70 - 130
			1,1,1-Trichloroethane	2005/04/26		105	%	70 - 130
			1,1,2,2-Tetrachloroethane	2005/04/26		105	%	70 - 130
			1,1,2-Trichloroethane	2005/04/26		111	%	70 - 130
			1,1-Dichloroethane	2005/04/26		105	%	70 - 130
			1,1-Dichloroethylene	2005/04/26		121	%	70 - 130
			1,2-Dibromoethane (EDB)	2005/04/26		110	%	70 - 130
			1,2-Dichloroethane	2005/04/26		111	%	70 - 130
			1,2-Dichloropropane	2005/04/26		111	%	70 - 130
			4-Bromofluorobenzene	2005/04/26		103	%	70 - 130
			Benzene	2005/04/26		105	%	70 - 130
			Bromodichloromethane	2005/04/26		105	%	70 - 130
			Bromoform	2005/04/26		105	%	70 - 130
			Bromomethane	2005/04/26		95	%	70 - 130
			Carbon Tetrachloride	2005/04/26		105	%	70 - 130
			Chloroethane	2005/04/26		111	%	70 - 130
			Chloroform	2005/04/26		111	%	70 - 130
			Chloromethane	2005/04/26		89	%	70 - 130
			cis-1,2-Dichloroethylene	2005/04/26		110	%	70 - 130
			cis-1,3-Dichloropropene	2005/04/26		89	%	70 - 130
			D4-1,2-Dichloroethane	2005/04/26		107	%	70 - 130
			D8-Toluene	2005/04/26		98	%	70 - 130
			Dibromochloromethane	2005/04/26		100	%	70 - 130
			Dichloromethane(Methylene Chloride)	2005/04/26		105	%	70 - 130
			Ethylbenzene	2005/04/26		100	%	70 - 130
			o-Xylene	2005/04/26		110	%	70 - 130
			p+m-Xylene	2005/04/26		110	%	70 - 130
			Styrene	2005/04/26		110	%	70 - 130
			Tetrachloroethylene	2005/04/26		100	%	70 - 130
			Toluene	2005/04/26		100	%	70 - 130
			trans-1,2-Dichloroethylene	2005/04/26		95	%	70 - 130
			trans-1,3-Dichloropropene	2005/04/26		89	%	70 - 130
			Trichloroethylene	2005/04/26		105	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2005/04/26		111	%	70 - 130
			Vinyl Chloride	2005/04/26		105	%	70 - 130
		Spiked Blank	1,2-Dichlorobenzene	2005/04/26		99	%	70 - 130
			1,3-Dichlorobenzene	2005/04/26		101	%	70 - 130
			1,4-Dichlorobenzene	2005/04/26		100	%	70 - 130
			Chlorobenzene	2005/04/26		102	%	70 - 130
			1,1,1-Trichloroethane	2005/04/26		108	%	70 - 130
			1,1,2,2-Tetrachloroethane	2005/04/26		92	%	70 - 130
			1,1,2-Trichloroethane	2005/04/26		104	%	70 - 130
			1,1-Dichloroethane	2005/04/26		103	%	70 - 130
			1,1-Dichloroethylene	2005/04/26		113	%	70 - 130
			1,2-Dibromoethane (EDB)	2005/04/26		106	%	70 - 130
			1,2-Dichloroethane	2005/04/26		106	%	70 - 130
			1,2-Dichloropropane	2005/04/26		105	%	70 - 130
			4-Bromofluorobenzene	2005/04/26		103	%	70 - 130
			Benzene	2005/04/26		100	%	70 - 130
			Bromodichloromethane	2005/04/26		101	%	70 - 130
			Bromoform	2005/04/26		91	%	70 - 130
			Bromomethane	2005/04/26		94	%	70 - 130
			Carbon Tetrachloride	2005/04/26		111	%	70 - 130

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722681	RMC	Spiked Blank	Chloroethane	2005/04/26		107	%	70 - 130
			Chloroform	2005/04/26		109	%	70 - 130
			Chloromethane	2005/04/26		88	%	70 - 130
			cis-1,2-Dichloroethylene	2005/04/26		111	%	70 - 130
			cis-1,3-Dichloropropene	2005/04/26		88	%	70 - 130
			D4-1,2-Dichloroethane	2005/04/26		107	%	70 - 130
			D8-Toluene	2005/04/26		102	%	70 - 130
			Dibromochloromethane	2005/04/26		98	%	70 - 130
			Dichloromethane(Methylene Chloride)	2005/04/26		107	%	70 - 130
			Ethylbenzene	2005/04/26		101	%	70 - 130
			o-Xylene	2005/04/26		113	%	70 - 130
			p+m-Xylene	2005/04/26		114	%	70 - 130
			Styrene	2005/04/26		110	%	70 - 130
			Tetrachloroethylene	2005/04/26		111	%	70 - 130
			Toluene	2005/04/26		102	%	70 - 130
			trans-1,2-Dichloroethylene	2005/04/26		98	%	70 - 130
			trans-1,3-Dichloropropene	2005/04/26		88	%	70 - 130
			Trichloroethylene	2005/04/26		111	%	70 - 130
			Trichlorofluoromethane (FREON 11)	2005/04/26		113	%	70 - 130
			Vinyl Chloride	2005/04/26		105	%	70 - 130
		Method Blank	1,2-Dichlorobenzene	2005/04/26	ND, DL=0.5		ug/L	
			1,3-Dichlorobenzene	2005/04/26	ND, DL=1		ug/L	
			1,4-Dichlorobenzene	2005/04/26	ND, DL=1		ug/L	
			Chlorobenzene	2005/04/26	ND, DL=1		ug/L	
			1,1,1-Trichloroethane	2005/04/26	ND, DL=1		ug/L	
			1,1,2,2-Tetrachloroethane	2005/04/26	ND, DL=1		ug/L	
			1,1,2-Trichloroethane	2005/04/26	ND, DL=1		ug/L	
			1,1-Dichloroethane	2005/04/26	ND, DL=2		ug/L	
			1,1-Dichloroethylene	2005/04/26	ND, DL=2		ug/L	
			1,2-Dibromoethane (EDB)	2005/04/26	ND, DL=1		ug/L	
			1,2-Dichloroethane	2005/04/26	ND, DL=1		ug/L	
			1,2-Dichloropropane	2005/04/26	ND, DL=1		ug/L	
			4-Bromofluorobenzene	2005/04/26		100	%	70 - 130
			Benzene	2005/04/26	ND, DL=1		ug/L	
			Bromodichloromethane	2005/04/26	ND, DL=1		ug/L	
			Bromoform	2005/04/26	ND, DL=1		ug/L	
			Bromomethane	2005/04/26	ND, DL=8		ug/L	
			Carbon Tetrachloride	2005/04/26	ND, DL=1		ug/L	
			Chloroethane	2005/04/26	ND, DL=8		ug/L	
			Chloroform	2005/04/26	ND, DL=1		ug/L	
			Chloromethane	2005/04/26	ND, DL=8		ug/L	
			cis-1,2-Dichloroethylene	2005/04/26	ND, DL=2		ug/L	
			cis-1,3-Dichloropropene	2005/04/26	ND, DL=2		ug/L	
			D4-1,2-Dichloroethane	2005/04/26		106	%	70 - 130
			D8-Toluene	2005/04/26		101	%	70 - 130
			Dibromochloromethane	2005/04/26	ND, DL=1		ug/L	
			Dichloromethane(Methylene Chloride)	2005/04/26	ND, DL=3		ug/L	
			Ethylbenzene	2005/04/26	ND, DL=1		ug/L	
			o-Xylene	2005/04/26	ND, DL=1		ug/L	
			p+m-Xylene	2005/04/26	ND, DL=2		ug/L	
			Styrene	2005/04/26	ND, DL=1		ug/L	
			Tetrachloroethylene	2005/04/26	ND, DL=1		ug/L	
			Toluene	2005/04/26	ND, DL=1		ug/L	
			trans-1,2-Dichloroethylene	2005/04/26	ND, DL=2		ug/L	
			trans-1,3-Dichloropropene	2005/04/26	ND, DL=1		ug/L	
			Trichloroethylene	2005/04/26	ND, DL=1		ug/L	

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722681	RMC	Method Blank	Trichlorofluoromethane (FREON 11)	2005/04/26	ND, DL=8		ug/L	
			Vinyl Chloride	2005/04/26	ND, DL=1		ug/L	
		RPD	1,2-Dichlorobenzene	2005/04/26	NC		%	40
			1,3-Dichlorobenzene	2005/04/26	NC		%	40
			1,4-Dichlorobenzene	2005/04/26	NC		%	40
			Chlorobenzene	2005/04/26	NC		%	40
			1,1,1-Trichloroethane	2005/04/26	NC		%	40
			1,1,2,2-Tetrachloroethane	2005/04/26	NC		%	40
			1,1,2-Trichloroethane	2005/04/26	NC		%	40
			1,1-Dichloroethane	2005/04/26	NC		%	40
			1,1-Dichloroethylene	2005/04/26	NC		%	40
			1,2-Dibromoethane (EDB)	2005/04/26	NC		%	40
			1,2-Dichloroethane	2005/04/26	NC		%	40
			1,2-Dichloropropane	2005/04/26	NC		%	40
			Benzene	2005/04/26	NC		%	40
			Bromodichloromethane	2005/04/26	NC		%	40
			Bromoform	2005/04/26	NC		%	40
			Bromomethane	2005/04/26	NC		%	40
			Carbon Tetrachloride	2005/04/26	NC		%	40
			Chloroethane	2005/04/26	NC		%	40
			Chloroform	2005/04/26	NC		%	40
			Chloromethane	2005/04/26	NC		%	40
			cis-1,2-Dichloroethylene	2005/04/26	NC		%	40
			cis-1,3-Dichloropropene	2005/04/26	NC		%	40
			Dibromochloromethane	2005/04/26	NC		%	40
			Dichloromethane(Methylene Chloride)	2005/04/26	NC		%	40
			Ethylbenzene	2005/04/26	NC		%	40
			o-Xylene	2005/04/26	NC		%	40
			p+m-Xylene	2005/04/26	NC		%	40
			Styrene	2005/04/26	NC		%	40
			Tetrachloroethylene	2005/04/26	NC		%	40
			Toluene	2005/04/26	NC		%	40
			trans-1,2-Dichloroethylene	2005/04/26	NC		%	40
			trans-1,3-Dichloropropene	2005/04/26	NC		%	40
			Trichloroethylene	2005/04/26	NC		%	40
			Trichlorofluoromethane (FREON 11)	2005/04/26	NC		%	40
			Vinyl Chloride	2005/04/26	NC		%	40
722849	AON	MATRIX SPIKE	Isobutylbenzene - Extractable	2005/04/28		97	%	30 - 130
			n-Dotriacontane - Extractable	2005/04/28		98	%	30 - 130
			>C10-C21 Hydrocarbons	2005/04/28		93	%	30 - 130
			>C21-<C32 Hydrocarbons	2005/04/28		97	%	30 - 130
		Spiked Blank	Isobutylbenzene - Extractable	2005/04/28		96	%	30 - 130
			n-Dotriacontane - Extractable	2005/04/28		97	%	30 - 130
			>C10-C21 Hydrocarbons	2005/04/28		92	%	30 - 130
			>C21-<C32 Hydrocarbons	2005/04/28		101	%	30 - 130
		Method Blank	Isobutylbenzene - Extractable	2005/04/28		97	%	30 - 130
			n-Dotriacontane - Extractable	2005/04/28		95	%	30 - 130
			>C10-C21 Hydrocarbons	2005/04/28	ND, DL=0.05		mg/L	
			>C21-<C32 Hydrocarbons	2005/04/28	ND, DL=0.1		mg/L	
		RPD	>C10-C21 Hydrocarbons	2005/04/28	NC		%	40
			>C21-<C32 Hydrocarbons	2005/04/28	NC		%	40
722963	ARS	QC STANDARD	pH	2005/04/25		102	%	80 - 120
		Method Blank	pH	2005/04/25	5.60, DL=0		pH	
		RPD	pH	2005/04/25	0.1		%	25
722968	MLB	MATRIX SPIKE	Total Organic Carbon (C)	2005/04/25		99	%	75 - 125
		QC STANDARD	Total Organic Carbon (C)	2005/04/25		89	%	80 - 120

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722968	MLB	Spiked Blank	Total Organic Carbon (C)	2005/04/25		101	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/04/25	ND, DL=0.5		mg/L	
		RPD	Total Organic Carbon (C)	2005/04/25	NC		%	25
722971	JRH	MATRIX SPIKE	Dissolved Aluminum (Al)	2005/04/25		101	%	80 - 120
			Dissolved Antimony (Sb)	2005/04/25		102	%	80 - 120
			Dissolved Arsenic (As)	2005/04/25		108	%	80 - 120
			Dissolved Barium (Ba)	2005/04/25		102	%	80 - 120
			Dissolved Beryllium (Be)	2005/04/25		107	%	80 - 120
			Dissolved Bismuth (Bi)	2005/04/25		91	%	80 - 120
			Dissolved Boron (B)	2005/04/25		109	%	80 - 120
			Dissolved Cadmium (Cd)	2005/04/25		105	%	80 - 120
			Dissolved Chromium (Cr)	2005/04/25		101	%	80 - 120
			Dissolved Cobalt (Co)	2005/04/25		101	%	80 - 120
			Dissolved Copper (Cu)	2005/04/25		98	%	80 - 120
			Dissolved Iron (Fe)	2005/04/25		100	%	80 - 120
			Dissolved Lead (Pb)	2005/04/25		103	%	80 - 120
			Dissolved Manganese (Mn)	2005/04/25		80	%	80 - 120
			Dissolved Molybdenum (Mo)	2005/04/25		103	%	80 - 120
			Dissolved Nickel (Ni)	2005/04/25		101	%	80 - 120
			Dissolved Selenium (Se)	2005/04/25		112	%	80 - 120
			Dissolved Silver (Ag)	2005/04/25		82	%	80 - 120
			Dissolved Strontium (Sr)	2005/04/25		98	%	80 - 120
			Dissolved Thallium (Tl)	2005/04/25		101	%	80 - 120
			Dissolved Tin (Sn)	2005/04/25		102	%	80 - 120
			Dissolved Titanium (Ti)	2005/04/25		104	%	80 - 120
			Dissolved Uranium (U)	2005/04/25		102	%	80 - 120
			Dissolved Vanadium (V)	2005/04/25		102	%	80 - 120
			Dissolved Zinc (Zn)	2005/04/25		108	%	80 - 120
		QC STANDARD	Dissolved Aluminum (Al)	2005/04/25		82	%	80 - 120
			Dissolved Antimony (Sb)	2005/04/25		96	%	80 - 120
			Dissolved Arsenic (As)	2005/04/25		91	%	80 - 120
			Dissolved Barium (Ba)	2005/04/25		101	%	80 - 120
			Dissolved Beryllium (Be)	2005/04/25		92	%	80 - 120
			Dissolved Boron (B)	2005/04/25		96	%	80 - 120
			Dissolved Cadmium (Cd)	2005/04/25		100	%	80 - 120
			Dissolved Chromium (Cr)	2005/04/25		87	%	80 - 120
			Dissolved Cobalt (Co)	2005/04/25		92	%	80 - 120
			Dissolved Copper (Cu)	2005/04/25		90	%	80 - 120
			Dissolved Iron (Fe)	2005/04/25		90	%	80 - 120
			Dissolved Lead (Pb)	2005/04/25		102	%	80 - 120
			Dissolved Manganese (Mn)	2005/04/25		93	%	80 - 120
			Dissolved Molybdenum (Mo)	2005/04/25		101	%	80 - 120
			Dissolved Nickel (Ni)	2005/04/25		90	%	80 - 120
			Dissolved Selenium (Se)	2005/04/25		101	%	80 - 120
			Dissolved Silver (Ag)	2005/04/25		90	%	80 - 120
			Dissolved Strontium (Sr)	2005/04/25		96	%	80 - 120
			Dissolved Vanadium (V)	2005/04/25		94	%	80 - 120
			Dissolved Zinc (Zn)	2005/04/25		99	%	80 - 120
		Spiked Blank	Dissolved Aluminum (Al)	2005/04/25		89	%	80 - 120
			Dissolved Antimony (Sb)	2005/04/25		99	%	80 - 120
			Dissolved Arsenic (As)	2005/04/25		103	%	80 - 120
			Dissolved Barium (Ba)	2005/04/25		99	%	80 - 120
			Dissolved Beryllium (Be)	2005/04/25		100	%	80 - 120
			Dissolved Bismuth (Bi)	2005/04/25		90	%	80 - 120
			Dissolved Boron (B)	2005/04/25		101	%	80 - 120
			Dissolved Cadmium (Cd)	2005/04/25		102	%	80 - 120

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722971 JRH	Spiked Blank	Dissolved Chromium (Cr)	2005/04/25		98	%	80 - 120
		Dissolved Cobalt (Co)	2005/04/25		98	%	80 - 120
		Dissolved Copper (Cu)	2005/04/25		98	%	80 - 120
		Dissolved Iron (Fe)	2005/04/25		88	%	80 - 120
		Dissolved Lead (Pb)	2005/04/25		102	%	80 - 120
		Dissolved Manganese (Mn)	2005/04/25		93	%	80 - 120
		Dissolved Molybdenum (Mo)	2005/04/25		98	%	80 - 120
		Dissolved Nickel (Ni)	2005/04/25		96	%	80 - 120
		Dissolved Selenium (Se)	2005/04/25		105	%	80 - 120
		Dissolved Silver (Ag)	2005/04/25		98	%	80 - 120
		Dissolved Strontium (Sr)	2005/04/25		100	%	80 - 120
		Dissolved Thallium (Tl)	2005/04/25		98	%	80 - 120
		Dissolved Tin (Sn)	2005/04/25		101	%	80 - 120
		Dissolved Titanium (Ti)	2005/04/25		97	%	80 - 120
		Dissolved Uranium (U)	2005/04/25		105	%	80 - 120
		Dissolved Vanadium (V)	2005/04/25		96	%	80 - 120
		Dissolved Zinc (Zn)	2005/04/25		109	%	80 - 120
	Method Blank	Dissolved Aluminum (Al)	2005/04/25	ND, DL=10		ug/L	
		Dissolved Antimony (Sb)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Arsenic (As)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Barium (Ba)	2005/04/25	ND, DL=5		ug/L	
		Dissolved Beryllium (Be)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Bismuth (Bi)	2005/04/25	2.3, DL=2		ug/L	
		Dissolved Boron (B)	2005/04/25	ND, DL=5		ug/L	
		Dissolved Cadmium (Cd)	2005/04/25	ND, DL=0.3		ug/L	
		Dissolved Chromium (Cr)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Cobalt (Co)	2005/04/25	ND, DL=1		ug/L	
		Dissolved Copper (Cu)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Iron (Fe)	2005/04/25	ND, DL=50		ug/L	
		Dissolved Lead (Pb)	2005/04/25	ND, DL=0.5		ug/L	
		Dissolved Manganese (Mn)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Molybdenum (Mo)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Nickel (Ni)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Selenium (Se)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Silver (Ag)	2005/04/25	ND, DL=0.5		ug/L	
		Dissolved Strontium (Sr)	2005/04/25	ND, DL=5		ug/L	
		Dissolved Thallium (Tl)	2005/04/25	ND, DL=0.1		ug/L	
		Dissolved Tin (Sn)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Titanium (Ti)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Uranium (U)	2005/04/25	0.1, DL=0.1		ug/L	
		Dissolved Vanadium (V)	2005/04/25	ND, DL=2		ug/L	
		Dissolved Zinc (Zn)	2005/04/25	ND, DL=5		ug/L	
	RPD	Dissolved Aluminum (Al)	2005/04/25	NC		%	25
		Dissolved Antimony (Sb)	2005/04/25	NC		%	25
		Dissolved Arsenic (As)	2005/04/25	NC		%	25
		Dissolved Barium (Ba)	2005/04/25	NC		%	25
		Dissolved Beryllium (Be)	2005/04/25	NC		%	25
		Dissolved Bismuth (Bi)	2005/04/25	NC		%	25
		Dissolved Boron (B)	2005/04/25	NC		%	25
		Dissolved Cadmium (Cd)	2005/04/25	NC		%	25
		Dissolved Chromium (Cr)	2005/04/25	NC		%	25
		Dissolved Cobalt (Co)	2005/04/25	2.1		%	25
		Dissolved Copper (Cu)	2005/04/25	NC		%	25
		Dissolved Iron (Fe)	2005/04/25	NC		%	25
		Dissolved Lead (Pb)	2005/04/25	NC		%	25
		Dissolved Manganese (Mn)	2005/04/25	0.8		%	25

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722971	JRH	RPD	Dissolved Molybdenum (Mo)	2005/04/25	NC		%	25
			Dissolved Nickel (Ni)	2005/04/25	NC		%	25
			Dissolved Selenium (Se)	2005/04/25	NC		%	25
			Dissolved Silver (Ag)	2005/04/25	NC		%	25
			Dissolved Strontium (Sr)	2005/04/25	0.7		%	25
			Dissolved Thallium (Tl)	2005/04/25	NC		%	25
			Dissolved Tin (Sn)	2005/04/25	NC		%	25
			Dissolved Titanium (Ti)	2005/04/25	NC		%	25
			Dissolved Uranium (U)	2005/04/25	NC		%	25
			Dissolved Vanadium (V)	2005/04/25	NC		%	25
			Dissolved Zinc (Zn)	2005/04/25	NC		%	25
722974	MLB	MATRIX SPIKE	Total Organic Carbon (C)	2005/04/25		93	%	75 - 125
		QC STANDARD	Total Organic Carbon (C)	2005/04/25		86	%	80 - 120
		Spiked Blank	Total Organic Carbon (C)	2005/04/25		101	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/04/25	ND, DL=0.5		mg/L	
		RPD	Total Organic Carbon (C)	2005/04/25	NC		%	25
722996	GGI	RPD	Modified TPH (Tier1)		NC		%	N/A
723039	GGI	RPD	Modified TPH (Tier1)		NC		%	N/A
723071	GGI	RPD	Modified TPH (Tier1)		NC		%	N/A
723170	ARS	QC STANDARD	pH	2005/04/25		102	%	80 - 120
		Method Blank	pH	2005/04/25	7.56, DL=0		pH	
		RPD	pH	2005/04/25	0.5		%	25
723176	ARS	QC STANDARD	Conductivity	2005/04/25		102	%	80 - 120
		Method Blank	Conductivity	2005/04/25	ND, DL=1		uS/cm	
		RPD	Conductivity	2005/04/25	0.3		%	25
723182	ARS	QC STANDARD	Conductivity	2005/04/25		97	%	80 - 120
		Method Blank	Conductivity	2005/04/25	ND, DL=1		uS/cm	
		RPD	Conductivity	2005/04/25	1.8		%	25
723431	CMO	MATRIX SPIKE	Dissolved Calcium (Ca)	2005/04/25		80	%	80 - 120
			Dissolved Potassium (K)	2005/04/25		83	%	80 - 120
			Dissolved Magnesium (Mg)	2005/04/25		85	%	80 - 120
			Dissolved Sodium (Na)	2005/04/25		90	%	80 - 120
			Dissolved Phosphorus (P)	2005/04/25		100	%	80 - 120
		QC STANDARD	Dissolved Calcium (Ca)	2005/04/25		117	%	80 - 120
			Dissolved Potassium (K)	2005/04/25		102	%	80 - 120
			Dissolved Magnesium (Mg)	2005/04/25		101	%	80 - 120
			Dissolved Sodium (Na)	2005/04/25		114	%	80 - 120
			Dissolved Phosphorus (P)	2005/04/25		108	%	80 - 120
		Spiked Blank	Dissolved Calcium (Ca)	2005/04/25		103	%	80 - 120
			Dissolved Potassium (K)	2005/04/25		99	%	80 - 120
			Dissolved Magnesium (Mg)	2005/04/25		97	%	80 - 120
			Dissolved Sodium (Na)	2005/04/25		101	%	80 - 120
			Dissolved Phosphorus (P)	2005/04/25		105	%	80 - 120
		Method Blank	Dissolved Calcium (Ca)	2005/04/25	ND, DL=0.1		mg/L	
			Dissolved Potassium (K)	2005/04/25	ND, DL=0.1		mg/L	
			Dissolved Magnesium (Mg)	2005/04/25	ND, DL=0.1		mg/L	
			Dissolved Sodium (Na)	2005/04/25	ND, DL=0.1		mg/L	
			Dissolved Phosphorus (P)	2005/04/25	ND, DL=0.1		mg/L	
		RPD	Dissolved Calcium (Ca)	2005/04/25	1.6		%	25
			Dissolved Potassium (K)	2005/04/25	1.1		%	25
			Dissolved Magnesium (Mg)	2005/04/25	1.2		%	25
			Dissolved Sodium (Na)	2005/04/25	1.9		%	25
			Dissolved Phosphorus (P)	2005/04/25	NC		%	25
723558	LMU	MATRIX SPIKE	Isobutylbenzene - Volatile	2005/04/27		91	%	60 - 140
			Benzene	2005/04/27		80	%	60 - 140
			Toluene	2005/04/27		96	%	60 - 140

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723558 LMU	MATRIX SPIKE	Ethylbenzene	2005/04/27		89	%	60 - 140
		Xylene (Total)	2005/04/27		97	%	60 - 140
	Spiked Blank	Isobutylbenzene - Volatile	2005/04/27		98	%	60 - 140
		Benzene	2005/04/27		72	%	60 - 140
		Toluene	2005/04/27		81	%	60 - 140
		Ethylbenzene	2005/04/27		84	%	60 - 140
		Xylene (Total)	2005/04/27		83	%	60 - 140
	Method Blank	Isobutylbenzene - Volatile	2005/04/27		101	%	60 - 140
		Benzene	2005/04/27	ND, DL=0.025		mg/kg	
		Toluene	2005/04/27	ND, DL=0.025		mg/kg	
		Ethylbenzene	2005/04/27	ND, DL=0.025		mg/kg	
		Xylene (Total)	2005/04/27	ND, DL=0.05		mg/kg	
		C6 - C10 (less BTEX)	2005/04/27	ND, DL=3		mg/kg	
	RPD	Benzene	2005/04/27	NC		%	50
		Toluene	2005/04/27	NC		%	50
		Ethylbenzene	2005/04/27	NC		%	50
		Xylene (Total)	2005/04/27	NC		%	50
		C6 - C10 (less BTEX)	2005/04/27	NC		%	50
723721 AON	MATRIX SPIKE	Isobutylbenzene - Extractable	2005/04/27		98	%	30 - 130
		n-Dotriacontane - Extractable	2005/04/27		99	%	30 - 130
		>C10-C21 Hydrocarbons	2005/04/27		90	%	30 - 130
		>C21-<C32 Hydrocarbons	2005/04/27		92	%	30 - 130
	Spiked Blank	Isobutylbenzene - Extractable	2005/04/27		98	%	30 - 130
		n-Dotriacontane - Extractable	2005/04/27		99	%	30 - 130
		>C10-C21 Hydrocarbons	2005/04/27		89	%	30 - 130
		>C21-<C32 Hydrocarbons	2005/04/27		91	%	30 - 130
	Method Blank	Isobutylbenzene - Extractable	2005/04/27		97	%	30 - 130
		n-Dotriacontane - Extractable	2005/04/27		96	%	30 - 130
		>C10-C21 Hydrocarbons	2005/04/27	ND, DL=15		mg/kg	
		>C21-<C32 Hydrocarbons	2005/04/27	ND, DL=15		mg/kg	
	RPD	>C10-C21 Hydrocarbons	2005/04/27	NC		%	50
		>C21-<C32 Hydrocarbons	2005/04/27	NC		%	50
724036 TPE	QC STANDARD	Turbidity	2005/04/26		102	%	80 - 120
	Method Blank	Turbidity	2005/04/26	ND, DL=0.2		NTU	
	RPD	Turbidity	2005/04/26	2.0		%	25
724228 MSK	MATRIX SPIKE	Isobutylbenzene - Volatile	2005/04/28		103	%	70 - 130
		Benzene	2005/04/28		113	%	70 - 130
		Toluene	2005/04/28		117	%	70 - 130
		Ethylbenzene	2005/04/28		113	%	70 - 130
		Xylene (Total)	2005/04/28		119	%	70 - 130
	Spiked Blank	Isobutylbenzene - Volatile	2005/04/28		101	%	70 - 130
		Benzene	2005/04/28		117	%	70 - 130
		Toluene	2005/04/28		122	%	70 - 130
		Ethylbenzene	2005/04/28		117	%	70 - 130
		Xylene (Total)	2005/04/28		125	%	70 - 130
	Method Blank	Isobutylbenzene - Volatile	2005/04/28		93	%	70 - 130
		Benzene	2005/04/28	ND, DL=0.001		mg/L	
		Toluene	2005/04/28	ND, DL=0.001		mg/L	
		Ethylbenzene	2005/04/28	ND, DL=0.001		mg/L	
		Xylene (Total)	2005/04/28	ND, DL=0.002		mg/L	
		C6 - C10 (less BTEX)	2005/04/28	ND, DL=0.01		mg/L	
	RPD	Benzene	2005/04/28	NC		%	40
		Toluene	2005/04/28	NC		%	40
		Ethylbenzene	2005/04/28	NC		%	40
		Xylene (Total)	2005/04/28	NC		%	40
		C6 - C10 (less BTEX)	2005/04/28	NC		%	40

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724484	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/04/27		113	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/04/27		100	%	80 - 120
		Spiked Blank	Dissolved Chloride (Cl)	2005/04/27		111	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/04/27	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/04/27	NC		%	25
724493	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/04/27		115	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/04/27		99	%	80 - 120
		Spiked Blank	Dissolved Chloride (Cl)	2005/04/27		114	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/04/27	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/04/27	2.8		%	25
724620	KBA	MATRIX SPIKE	Nitrite (N)	2005/04/27		100	%	80 - 120
		QC STANDARD	Nitrite (N)	2005/04/27		96	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/04/27		94	%	80 - 120
		Method Blank	Nitrite (N)	2005/04/27	ND, DL=0.01		mg/L	
		RPD	Nitrite (N)	2005/04/27	NC		%	25
724634	KBA	MATRIX SPIKE	Nitrite (N)	2005/04/27		106	%	80 - 120
		QC STANDARD	Nitrite (N)	2005/04/27		100	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/04/27		94	%	80 - 120
		Method Blank	Nitrite (N)	2005/04/27	ND, DL=0.01		mg/L	
		RPD	Nitrite (N)	2005/04/27	NC		%	25
724682	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/04/27		85	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/04/27		96	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/04/27		90	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/04/27	ND, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/04/27	4.8		%	25
724686	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/04/27		83	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/04/27		95	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/04/27		87	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/04/27	0.6, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/04/27	7.2		%	25
724815	ARS	QC STANDARD	pH	2005/04/27		99	%	80 - 120
		Method Blank	pH	2005/04/27	5.56, DL=0		pH	
		RPD	pH	2005/04/27	0.5		%	25
724823	ARS	QC STANDARD	Conductivity	2005/04/27		103	%	80 - 120
		Method Blank	Conductivity	2005/04/27	1.8, DL=1		uS/cm	
		RPD	Conductivity	2005/04/27	0.1		%	25
725021	KBA	QC STANDARD	Colour	2005/04/27		85	%	N/A
		Method Blank	Colour	2005/04/27	ND, DL=5		TCU	
		RPD	Colour	2005/04/27	NC		%	25
725030	KBA	QC STANDARD	Colour	2005/04/27		93	%	N/A
		Method Blank	Colour	2005/04/27	ND, DL=5		TCU	
725044	KBA	MATRIX SPIKE	Nitrate + Nitrite	2005/04/28		102	%	80 - 120
		QC STANDARD	Nitrate + Nitrite	2005/04/28		100	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/04/28		103	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/04/28	ND, DL=0.05		mg/L	
		RPD	Nitrate + Nitrite	2005/04/28	1.7		%	25
725055	MCN	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/04/28		84	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/04/28		96	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/04/28		90	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/04/28	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/04/28	NC		%	25
725056	KBA	MATRIX SPIKE	Nitrate + Nitrite	2005/04/27		109	%	80 - 120
		QC STANDARD	Nitrate + Nitrite	2005/04/27		101	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/04/27		104	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/04/27	ND, DL=0.05		mg/L	
		RPD	Nitrate + Nitrite	2005/04/27	NC		%	25

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725064	KBA	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/04/28		83	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/04/28		97	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/04/28		90	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/04/28	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/04/28	NC		%	25
725086	KBA	QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/04/27		111	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/04/27		104	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/04/27	ND, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/04/27	2.0		%	25
725098	KBA	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/04/27		94	%	80 - 120
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/04/27		101	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/04/27		102	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/04/27	ND, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/04/27	NC		%	25
725889	MCN	MATRIX SPIKE	Dissolved Sulphate (SO4)	2005/04/29		105	%	80 - 120
		QC STANDARD	Dissolved Sulphate (SO4)	2005/04/29		104	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/04/29		111	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/04/29	ND, DL=2		mg/L	
		RPD	Dissolved Sulphate (SO4)	2005/04/29	NC		%	25
725914	MCN	QC STANDARD	Dissolved Sulphate (SO4)	2005/04/29		102	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/04/29		102	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/04/29	ND, DL=2		mg/L	
725962	MCN	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/04/28		!!79	%	80 - 120
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/04/28		101	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/04/28	10, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/04/28	14.2		%	25
726008	MCN	MATRIX SPIKE	Orthophosphate (P)	2005/04/28		92	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/04/28		99	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/04/28		111	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/04/28	ND, DL=0.01		mg/L	
		RPD	Orthophosphate (P)	2005/04/28	NC		%	25
726022	MCN	QC STANDARD	Colour	2005/04/28		89	%	80 - 120
		Method Blank	Colour	2005/04/28	ND, DL=5		TCU	
		RPD	Colour	2005/04/28	NC		%	25
726029	KBA	MATRIX SPIKE	Orthophosphate (P)	2005/04/28		91	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/04/28		95	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/04/28		114	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/04/28	ND, DL=0.01		mg/L	
		RPD	Orthophosphate (P)	2005/04/28	NC		%	25
728069	MCN	QC STANDARD	Dissolved Sulphate (SO4)	2005/05/03		114	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/05/03		119	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/05/03	ND, DL=2		mg/L	
728672	MCN	MATRIX SPIKE	Orthophosphate (P)	2005/05/03		106	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/05/03		101	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/05/03		!!138	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/05/03	ND, DL=0.01		mg/L	
		RPD	Orthophosphate (P)	2005/05/03	10.5		%	25
730093	MCN	QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/05/05		109	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/05/05		83	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/05/05	ND, DL=5		mg/L	
730251	MCN	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/05/05		94	%	N/A
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/05/05		99	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/05/05	ND, DL=40		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/05/05	NC		%	25

ND = Not detected
N/A = Not Applicable

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NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample

Earth-Water Concepts Inc
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Attention: RICHARD GAGNE

Report Date: 2005/06/16

Your C.O.C. #: 294114

ANALYTICAL REPORT

MAXXAM JOB #: A549646
Received: 2005/06/06, 9:08

Sample Matrix: Water
Samples Received: 13

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Carbonate, Bicarbonate and Hydroxide	13	N/A	N/A		
Alkalinity (1)	13	N/A	2005/06/14	2015_1_2	Based on EPA310.2
Chloride	13	N/A	2005/06/13	2045_1_2	Based on SM4500-Cl-
Colour	13	N/A	2005/06/13	2156_1_1	Based on EPA110.2
Conductance - water	1	N/A	2005/06/09	1013_1_2	Based on SM2510B
Conductance - water	12	N/A	2005/06/10	1013_1_2	Based on SM2510B
Hardness (calculated as CaCO3)	13	N/A	2005/06/08		
Total metals in water OES	13	N/A	2005/06/09	SOP 3120_2_1	Based on EPA200.7
Elements by ICPMS - Total (FIAS) (1)	13	N/A	2005/06/08	3013_1_1	Based on EPA6020A
Ion Balance (% Difference)	13	N/A	2005/06/08		
Anion and Cation Sum	13	N/A	2005/06/08		
Nitrogen Ammonia - water	13	N/A	2005/06/13	2105_1_2	Based on USEPA 350.1
Nitrogen - Nitrate + Nitrite (1)	12	N/A	2005/06/13	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrate + Nitrite (1)	1	N/A	2005/06/14	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrite (1)	3	N/A	2005/06/13	2125_1_1	Based on USEPA 354.1
Nitrogen - Nitrite (1)	10	N/A	2005/06/14	2125_1_1	Based on USEPA 354.1
Nitrogen - Nitrate (as N) (1)	13	N/A	2005/06/08	SOP 2130_1_1	Based on ASTMD3867
pH (1)	12	N/A	2005/06/10	1007_1_1/1011_1_2	Based on EPA150.1
pH (1)	1	N/A	2005/06/13	1007_1_1/1011_1_2	Based on EPA150.1
Phosphorus - ortho (1)	11	N/A	2005/06/11	2165_1_1	Based on USEPA 365.1
Phosphorus - ortho (1)	2	N/A	2005/06/14	2165_1_1	Based on USEPA 365.1
Sat. pH and Langelier Index (@ 20C)	13	N/A	2005/06/08		
Sat. pH and Langelier Index (@ 4C)	13	N/A	2005/06/08		
Reactive Silica (1)	13	N/A	2005/06/13	2185_1_1	Based on EPA 366.0
Sulphate (1)	13	N/A	2005/06/14	4065_1_2	Based on EPA 375.4
Total Dissolved Solids (TDS calc)	13	N/A	2005/06/08		
Organic carbon - Total (TOC) (1)	13	N/A	2005/06/08	2020_1_3	Based on SM 5310C
Turbidity (1)	13	N/A	2005/06/13	1040_2_4	based on EPA 180.1

(1) SCC/CAEAL

../2

Earth-Water Concepts Inc
PO Box 51015
Halifax, NS
B3M 4R8

Attention: RICHARD GAGNE **Report Date: 2005/06/16**

Your C.O.C. #: 294114

ANALYTICAL REPORT

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MAXXAM ANALYTICS INC.

KERI MACKAY
Project Manager

KMA/kma
encl.

Total cover pages: 2

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46015	G46015		G46044	G46045		
Sampling Date								
COC Number		294114	294114		294114	294114		
	Units	**102F01-5-1**	**102F01-5-1 Dup**	**QC Batch**	**102F01-5-2**	**102F01-5-3**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	11		757964	13	10	1	757995
Dissolved Sulphate (SO4)	mg/L	2.5		758674	4.6	4.7	2	758702
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	ND		758468	13	6.7	5	758490
Colour	TCU	9.6		757721	ND	10	5	757746
pH	pH	6.84	6.73	756716	7.83	7.47	N/A	756431
Reactive Silica (SiO2)	mg/L	3.5		757833	3.8	3.6	0.5	757846
Turbidity	NTU	0.3		758211	0.4	0.2	0.1	758211
Conductivity	uS/cm	59	58	755723	81	63	1	756427
Nutrients								
Nitrate + Nitrite	mg/L	ND		758193	0.17	0.16	0.05	758193
Nitrite (N)	mg/L	ND		758757	ND	ND	0.01	758757
Nitrogen (Ammonia Nitrogen)	mg/L	ND		758336	ND	ND	0.05	758336
Total Organic Carbon (C)	mg/L	2.5		754787	1.3	2.7	0.5	754787
Orthophosphate (P)	mg/L	ND		757383	ND	ND	0.01	757383
METALS								
Total Aluminum (Al)	ug/L	180		754699	68	81	10	754699
Total Antimony (Sb)	ug/L	ND		754699	ND	ND	2	754699
Total Arsenic (As)	ug/L	ND		754699	ND	13	2	754699
Total Barium (Ba)	ug/L	6.1		754699	6.8	7.0	5	754699
Total Beryllium (Be)	ug/L	ND		754699	ND	ND	2	754699
Total Bismuth (Bi)	ug/L	ND		754699	ND	ND	2	754699
Total Boron (B)	ug/L	6.6		754699	7.4	5.9	5	754699
Total Cadmium (Cd)	ug/L	ND		754699	ND	ND	0.3	754699
Total Chromium (Cr)	ug/L	ND		754699	ND	ND	2	754699
Total Cobalt (Co)	ug/L	ND		754699	ND	ND	1	754699
Total Copper (Cu)	ug/L	59		754699	14	9.7	2	754699
Total Iron (Fe)	ug/L	ND		754699	ND	ND	50	754699
Total Lead (Pb)	ug/L	0.7		754699	1.5	ND	0.5	754699
Total Manganese (Mn)	ug/L	12		754699	5.8	2.1	2	754699
Total Molybdenum (Mo)	ug/L	ND		754699	ND	ND	2	754699
Total Nickel (Ni)	ug/L	ND		754699	ND	2.4	2	754699

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
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ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46015	G46015		G46044	G46045		
Sampling Date								
COC Number		294114	294114		294114	294114		
	Units	**102F01-5-1**	**102F01-5-1 Dup**	**QC Batch**	**102F01-5-2**	**102F01-5-3**	**DL**	**QC Batch**
Total Selenium (Se)	ug/L	ND		754699	ND	ND	2	754699
Total Silver (Ag)	ug/L	ND		754699	ND	ND	0.5	754699
Total Strontium (Sr)	ug/L	18		754699	34	32	5	754699
Total Thallium (Tl)	ug/L	ND		754699	ND	ND	0.1	754699
Total Tin (Sn)	ug/L	ND		754699	ND	ND	2	754699
Total Titanium (Ti)	ug/L	ND		754699	ND	ND	2	754699
Total Uranium (U)	ug/L	ND		754699	ND	ND	0.1	754699
Total Vanadium (V)	ug/L	ND		754699	ND	ND	2	754699
Total Zinc (Zn)	ug/L	14		754699	8.0	18	5	754699
Elements								
Total Calcium (Ca)	mg/L	2.8		755869	6.1	4.7	0.1	755869
Total Potassium (K)	mg/L	0.5		755869	0.7	0.7	0.1	755869
Total Magnesium (Mg)	mg/L	1.0		755869	1.0	0.9	0.1	755869
Total Sodium (Na)	mg/L	7.5		755869	7.9	6.4	0.1	755869
Total Phosphorus (P)	mg/L	ND		755869	ND	ND	0.1	755869
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	ND		754366	12.7	7	1	754366
Calculated TDS	mg/L	29.1		754363	44.9	35.8	1	754363
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND		754366	ND	ND	1	754366
Dissolved Hardness (CaCO3)	mg/L	11		754323	19	15	N/A	754323
Langelier Index (@ 20C)	N/A	NC		754350	-1.59	-2.33	N/A	754350
Langelier Index (@ 4C)	N/A	NC		754357	-1.84	-2.58	N/A	754357
Nitrate (N)	mg/L	ND		754343	0.17	0.16	0.05	754343
Saturation pH (@ 20C)	N/A	NC		754350	9.42	9.80	N/A	754350
Saturation pH (@ 4C)	N/A	NC		754357	9.67	10.1	N/A	754357
RCAP Calculations								
Anion Sum	me/L	0.372		754337	0.715	0.526	N/A	754337
Cation Sum	me/L	0.558		754337	0.743	0.607	N/A	754337
Ion Balance (% Difference)	%	20.0		754329	1.93	7.15	N/A	754329

ND = Not detected
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46046	G46046		G46052		
Sampling Date							
COC Number		294114	294114		294114		
	Units	**102F01-5-4**	**102F01-5-4 Dup**	**DL**	**102F01-5-5**	**DL**	**QC Batch**
ANIONS							
Dissolved Chloride (Cl)	mg/L	8.9		1	100	5	757995
Dissolved Sulphate (SO4)	mg/L	3.4		2	13	2	758702
CONVENTIONALS							
Total Alkalinity (Total as CaCO3)	mg/L	11		5	10	5	758490
Colour	TCU	ND		5	ND	5	757746
pH	pH	7.11		N/A	6.61	N/A	756431
Reactive Silica (SiO2)	mg/L	6.2		0.5	5.8	0.5	757846
Turbidity	NTU	<0.1		0.1	0.2	0.1	758211
Conductivity	uS/cm	59		1	390	1	756427
Nutrients							
Nitrate + Nitrite	mg/L	ND	ND	0.05	0.16	0.05	758193
Nitrite (N)	mg/L	ND		0.01	ND	0.01	758757
Nitrogen (Ammonia Nitrogen)	mg/L	ND	ND	0.05	ND	0.05	758336
Total Organic Carbon (C)	mg/L	ND		0.5	ND	0.5	754787
Orthophosphate (P)	mg/L	ND		0.01	ND	0.01	757383
METALS							
Total Aluminum (Al)	ug/L	11		10	ND	10	754699
Total Antimony (Sb)	ug/L	ND		2	ND	2	754699
Total Arsenic (As)	ug/L	ND		2	ND	2	754699
Total Barium (Ba)	ug/L	ND		5	25	5	754699
Total Beryllium (Be)	ug/L	ND		2	ND	2	754699
Total Bismuth (Bi)	ug/L	ND		2	ND	2	754699
Total Boron (B)	ug/L	ND		5	7.8	5	754699
Total Cadmium (Cd)	ug/L	ND		0.3	ND	0.3	754699
Total Chromium (Cr)	ug/L	ND		2	ND	2	754699
Total Cobalt (Co)	ug/L	ND		1	ND	1	754699
Total Copper (Cu)	ug/L	82		2	99	2	754699
Total Iron (Fe)	ug/L	ND		50	ND	50	754699
Total Lead (Pb)	ug/L	0.5		0.5	0.5	0.5	754699
Total Manganese (Mn)	ug/L	ND		2	170	2	754699
Total Molybdenum (Mo)	ug/L	ND		2	ND	2	754699
Total Nickel (Ni)	ug/L	ND		2	ND	2	754699

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46046	G46046		G46052		
Sampling Date							
COC Number		294114	294114		294114		
	Units	**102F01-5-4**	**102F01-5-4 Dup**	**DL**	**102F01-5-5**	**DL**	**QC Batch**
Total Selenium (Se)	ug/L	ND		2	ND	2	754699
Total Silver (Ag)	ug/L	ND		0.5	ND	0.5	754699
Total Strontium (Sr)	ug/L	21		5	51	5	754699
Total Thallium (Tl)	ug/L	ND		0.1	ND	0.1	754699
Total Tin (Sn)	ug/L	ND		2	ND	2	754699
Total Titanium (Ti)	ug/L	ND		2	ND	2	754699
Total Uranium (U)	ug/L	ND		0.1	ND	0.1	754699
Total Vanadium (V)	ug/L	ND		2	ND	2	754699
Total Zinc (Zn)	ug/L	7.0		5	56	5	754699
Elements							
Total Calcium (Ca)	mg/L	3.8		0.1	10	0.1	755869
Total Potassium (K)	mg/L	0.6		0.1	1.6	0.1	755869
Total Magnesium (Mg)	mg/L	1.0		0.1	1.4	0.1	755869
Total Sodium (Na)	mg/L	6.6		0.1	68	0.1	755869
Total Phosphorus (P)	mg/L	ND		0.1	ND	0.1	755869
CALCULATION							
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	10.8		1	10.1	1	754366
Calculated TDS	mg/L	37.0		1	209	1	754363
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND		1	ND	1	754366
Dissolved Hardness (CaCO3)	mg/L	14		N/A	31	N/A	754323
Langelier Index (@ 20C)	N/A	-2.57		N/A	-2.77	N/A	754350
Langelier Index (@ 4C)	N/A	-2.82		N/A	-3.02	N/A	754357
Nitrate (N)	mg/L	ND		0.05	0.16	0.05	754343
Saturation pH (@ 20C)	N/A	9.68		N/A	9.38	N/A	754350
Saturation pH (@ 4C)	N/A	9.93		N/A	9.63	N/A	754357
RCAP Calculations							
Anion Sum	me/L	0.539		N/A	3.36	N/A	754337
Cation Sum	me/L	0.573		N/A	3.64	N/A	754337
Ion Balance (% Difference)	%	3.08		N/A	3.90	N/A	754329

ND = Not detected
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Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46053	G46054			G46055		
Sampling Date								
COC Number		294114	294114			294114		
	Units	**102F01-5-6**	**102F01-5-7**	**DL**	**QC Batch**	**102F01-5-8**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	14	22	1	757995	43	1	757995
Dissolved Sulphate (SO4)	mg/L	4.7	8.7	2	758702	7.6	2	758702
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	ND	9.8	5	758490	9.6	5	758490
Colour	TCU	ND	ND	5	757746	ND	5	757746
pH	pH	6.15	6.06	N/A	756431	6.06	N/A	756431
Reactive Silica (SiO2)	mg/L	3.5	4.9	0.5	757846	3.5	0.5	757846
Turbidity	NTU	<0.1	<0.1	0.1	758211	1.2	0.1	758211
Conductivity	uS/cm	66	120	1	756427	200	1	756427
Nutrients								
Nitrate + Nitrite	mg/L	ND	0.70	0.05	758193	2.3	0.2	758816
Nitrite (N)	mg/L	ND	ND	0.01	758757	ND	0.01	758757
Nitrogen (Ammonia Nitrogen)	mg/L	ND	ND	0.05	758336	ND	0.05	758336
Total Organic Carbon (C)	mg/L	0.5	1.6	0.5	754787	1.1	0.5	754787
Orthophosphate (P)	mg/L	ND	ND	0.01	757383	ND	0.01	757383
METALS								
Total Aluminum (Al)	ug/L	310	120	10	754699	140	10	754699
Total Antimony (Sb)	ug/L	ND	ND	2	754699	ND	2	754699
Total Arsenic (As)	ug/L	ND	ND	2	754699	ND	2	754699
Total Barium (Ba)	ug/L	7.3	6.9	5	754699	76	5	754699
Total Beryllium (Be)	ug/L	ND	ND	2	754699	ND	2	754699
Total Bismuth (Bi)	ug/L	ND	ND	2	754699	ND	2	754699
Total Boron (B)	ug/L	6.4	12	5	754699	11	5	754699
Total Cadmium (Cd)	ug/L	ND	ND	0.3	754699	ND	0.3	754699
Total Chromium (Cr)	ug/L	ND	ND	2	754699	ND	2	754699
Total Cobalt (Co)	ug/L	ND	ND	1	754699	ND	1	754699
Total Copper (Cu)	ug/L	5.6	85	2	754699	150	2	754699
Total Iron (Fe)	ug/L	ND	ND	50	754699	ND	50	754699
Total Lead (Pb)	ug/L	1.8	2.8	0.5	754699	ND	0.5	754699
Total Manganese (Mn)	ug/L	15	7.8	2	754699	54	2	754699
Total Molybdenum (Mo)	ug/L	ND	ND	2	754699	ND	2	754699
Total Nickel (Ni)	ug/L	ND	ND	2	754699	ND	2	754699
Total Selenium (Se)	ug/L	ND	ND	2	754699	ND	2	754699

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46053	G46054			G46055		
Sampling Date								
COC Number		294114	294114			294114		
	Units	**102F01-5-6**	**102F01-5-7**	**DL**	**QC Batch**	**102F01-5-8**	**DL**	**QC Batch**
Total Silver (Ag)	ug/L	ND	ND	0.5	754699	ND	0.5	754699
Total Strontium (Sr)	ug/L	16	55	5	754699	35	5	754699
Total Thallium (Tl)	ug/L	ND	ND	0.1	754699	ND	0.1	754699
Total Tin (Sn)	ug/L	ND	ND	2	754699	ND	2	754699
Total Titanium (Ti)	ug/L	ND	ND	2	754699	ND	2	754699
Total Uranium (U)	ug/L	ND	ND	0.1	754699	ND	0.1	754699
Total Vanadium (V)	ug/L	ND	ND	2	754699	ND	2	754699
Total Zinc (Zn)	ug/L	5.1	16	5	754699	22	5	754699
Elements								
Total Calcium (Ca)	mg/L	1.9	8.5	0.1	755869	9.5	0.1	755869
Total Potassium (K)	mg/L	0.7	2.1	0.1	755869	2.7	0.1	755869
Total Magnesium (Mg)	mg/L	0.9	1.9	0.1	755869	1.1	0.1	755869
Total Sodium (Na)	mg/L	8.6	11	0.1	755869	28	0.1	755869
Total Phosphorus (P)	mg/L	ND	ND	0.1	755869	ND	0.1	755869
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	ND	10	1	754366	10	1	754368
Calculated TDS	mg/L	34.5	67.5	1	754363	112	1	754363
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	ND	1	754366	ND	1	754368
Dissolved Hardness (CaCO3)	mg/L	8.7	29	N/A	754323	28	N/A	754323
Langelier Index (@ 20C)	N/A	NC	-3.34	N/A	754350	-3.32	N/A	754350
Langelier Index (@ 4C)	N/A	NC	-3.60	N/A	754357	-3.58	N/A	754357
Nitrate (N)	mg/L	ND	0.70	0.05	754343	2.3	0.05	754343
Saturation pH (@ 20C)	N/A	NC	9.40	N/A	754350	9.38	N/A	754350
Saturation pH (@ 4C)	N/A	NC	9.66	N/A	754357	9.64	N/A	754357
RCAP Calculations								
Anion Sum	me/L	0.495	1.03	N/A	754337	1.74	N/A	754337
Cation Sum	me/L	0.568	1.11	N/A	754337	1.84	N/A	754337
Ion Balance (% Difference)	%	6.90	3.41	N/A	754329	2.71	N/A	754329

ND = Not detected
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46055			G46056		
Sampling Date							
COC Number		294114			294114		
	Units	**102F01-5-8 Dup**	**DL**	**QC Batch**	**102F01-5-9**	**DL**	**QC Batch**
ANIONS							
Dissolved Chloride (Cl)	mg/L		1	757995	56	1	757995
Dissolved Sulphate (SO4)	mg/L		2	758702	5.4	2	758702
CONVENTIONALS							
Total Alkalinity (Total as CaCO3)	mg/L		5	758490	6.0	5	758490
Colour	TCU		5	757746	29	5	757746
pH	pH		N/A	756431	5.61	N/A	756431
Reactive Silica (SiO2)	mg/L		0.5	757846	5.5	0.5	757846
Turbidity	NTU		0.1	758211	2.7	0.1	758211
Conductivity	uS/cm		1	756427	210	1	756427
Nutrients							
Nitrate + Nitrite	mg/L		0.2	758816	0.14	0.05	758193
Nitrite (N)	mg/L		0.01	758757	ND	0.01	758757
Nitrogen (Ammonia Nitrogen)	mg/L		0.05	758336	ND	0.05	758336
Total Organic Carbon (C)	mg/L		0.5	754787	4.6	0.5	754787
Orthophosphate (P)	mg/L		0.01	757383	ND	0.01	757383
METALS							
Total Aluminum (Al)	ug/L	130	10	754699	450	10	754699
Total Antimony (Sb)	ug/L	ND	2	754699	ND	2	754699
Total Arsenic (As)	ug/L	ND	2	754699	2.7	2	754699
Total Barium (Ba)	ug/L	75	5	754699	30	5	754699
Total Beryllium (Be)	ug/L	ND	2	754699	ND	2	754699
Total Bismuth (Bi)	ug/L	ND	2	754699	ND	2	754699
Total Boron (B)	ug/L	10	5	754699	8.6	5	754699
Total Cadmium (Cd)	ug/L	ND	0.3	754699	ND	0.3	754699
Total Chromium (Cr)	ug/L	ND	2	754699	ND	2	754699
Total Cobalt (Co)	ug/L	ND	1	754699	2.0	1	754699
Total Copper (Cu)	ug/L	150	2	754699	110	2	754699
Total Iron (Fe)	ug/L	ND	50	754699	760	50	754699
Total Lead (Pb)	ug/L	ND	0.5	754699	4.0	0.5	754699
Total Manganese (Mn)	ug/L	53	2	754699	120	2	754699
Total Molybdenum (Mo)	ug/L	ND	2	754699	ND	2	754699
Total Nickel (Ni)	ug/L	ND	2	754699	2.4	2	754699

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46055			G46056		
Sampling Date							
COC Number		294114			294114		
	Units	**102F01-5-8 Dup**	**DL**	**QC Batch**	**102F01-5-9**	**DL**	**QC Batch**
Total Selenium (Se)	ug/L	ND	2	754699	ND	2	754699
Total Silver (Ag)	ug/L	ND	0.5	754699	ND	0.5	754699
Total Strontium (Sr)	ug/L	34	5	754699	38	5	754699
Total Thallium (Tl)	ug/L	ND	0.1	754699	ND	0.1	754699
Total Tin (Sn)	ug/L	ND	2	754699	ND	2	754699
Total Titanium (Ti)	ug/L	ND	2	754699	3.7	2	754699
Total Uranium (U)	ug/L	ND	0.1	754699	ND	0.1	754699
Total Vanadium (V)	ug/L	ND	2	754699	ND	2	754699
Total Zinc (Zn)	ug/L	22	5	754699	150	5	754699
Elements							
Total Calcium (Ca)	mg/L	9.2	0.1	755869	4.4	0.1	755869
Total Potassium (K)	mg/L	2.7	0.1	755869	1.6	0.1	755869
Total Magnesium (Mg)	mg/L	1.0	0.1	755869	1.2	0.1	755869
Total Sodium (Na)	mg/L	26	0.1	755869	37	0.1	755869
Total Phosphorus (P)	mg/L	ND	0.1	755869	ND	0.1	755869
CALCULATION							
Bicarb. Alkalinity (calc. as CaCO3)	mg/L		1	754368	6	1	754368
Calculated TDS	mg/L		1	754363	116	1	754363
Carb. Alkalinity (calc. as CaCO3)	mg/L		1	754368	ND	1	754368
Dissolved Hardness (CaCO3)	mg/L		N/A	754323	16	N/A	754323
Langelier Index (@ 20C)	N/A		N/A	754350	-4.32	N/A	754350
Langelier Index (@ 4C)	N/A		N/A	754357	-4.57	N/A	754357
Nitrate (N)	mg/L		0.05	754343	0.14	0.05	754343
Saturation pH (@ 20C)	N/A		N/A	754350	9.93	N/A	754350
Saturation pH (@ 4C)	N/A		N/A	754357	10.2	N/A	754357
RCAP Calculations							
Anion Sum	me/L		N/A	754337	1.83	N/A	754337
Cation Sum	me/L		N/A	754337	1.98	N/A	754337
Ion Balance (% Difference)	%		N/A	754329	3.83	N/A	754329

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46079		G46080		G46081		
Sampling Date								
COC Number		294114		294114		294114		
	Units	**102F01-5-10**	**QC Batch**	**102F01-5-11**	**QC Batch**	**102F01-5-13**	**DL**	**QC Batch**
ANIONS								
Dissolved Chloride (Cl)	mg/L	9.6	757995	13	757995	9.5	1	757995
Dissolved Sulphate (SO4)	mg/L	9.9	758702	12	758702	2.5	2	758702
CONVENTIONALS								
Total Alkalinity (Total as CaCO3)	mg/L	81	758490	74	758490	ND	5	758490
Colour	TCU	ND	757746	ND	757746	5.2	5	757746
pH	pH	6.75	756431	7.20	756431	6.09	N/A	756526
Reactive Silica (SiO2)	mg/L	12	757846	8.0	757846	4.2	0.5	757846
Turbidity	NTU	0.3	758211	1.7	758211	0.3	0.1	758211
Conductivity	uS/cm	190	756427	200	756427	47	1	756535
Nutrients								
Nitrate + Nitrite	mg/L	ND	758193	ND	758196	ND	0.05	758196
Nitrite (N)	mg/L	ND	758757	ND	758456	ND	0.01	758456
Nitrogen (Ammonia Nitrogen)	mg/L	ND	758336	ND	758339	ND	0.05	758339
Total Organic Carbon (C)	mg/L	ND	754787	ND	754787	1.3	0.5	754787
Orthophosphate (P)	mg/L	ND	757383	ND	757383	ND	0.01	758963
METALS								
Total Aluminum (Al)	ug/L	ND	755323	110	755323	71	10	755323
Total Antimony (Sb)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Arsenic (As)	ug/L	2.0	755323	ND	755323	ND	2	755323
Total Barium (Ba)	ug/L	ND	755323	5.1	755323	ND	5	755323
Total Beryllium (Be)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Bismuth (Bi)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Boron (B)	ug/L	38	755323	51	755323	5.2	5	755323
Total Cadmium (Cd)	ug/L	ND	755323	ND	755323	ND	0.3	755323
Total Chromium (Cr)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Cobalt (Co)	ug/L	ND	755323	ND	755323	ND	1	755323
Total Copper (Cu)	ug/L	4.9	755323	ND	755323	230	2	755323
Total Iron (Fe)	ug/L	ND	755323	ND	755323	64	50	755323
Total Lead (Pb)	ug/L	2.8	755323	ND	755323	0.8	0.5	755323
Total Manganese (Mn)	ug/L	43	755323	130	755323	7.3	2	755323
Total Molybdenum (Mo)	ug/L	4.2	755323	ND	755323	ND	2	755323
Total Nickel (Ni)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Selenium (Se)	ug/L	ND	755323	ND	755323	ND	2	755323

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46079		G46080		G46081		
Sampling Date								
COC Number		294114		294114		294114		
	Units	**102F01-5-10**	**QC Batch**	**102F01-5-11**	**QC Batch**	**102F01-5-13**	**DL**	**QC Batch**
Total Silver (Ag)	ug/L	ND	755323	ND	755323	ND	0.5	755323
Total Strontium (Sr)	ug/L	180	755323	180	755323	11	5	755323
Total Thallium (Tl)	ug/L	ND	755323	ND	755323	ND	0.1	755323
Total Tin (Sn)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Titanium (Ti)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Uranium (U)	ug/L	1.8	755323	0.4	755323	ND	0.1	755323
Total Vanadium (V)	ug/L	ND	755323	ND	755323	ND	2	755323
Total Zinc (Zn)	ug/L	22	755323	ND	755323	6.8	5	755323
Elements								
Total Calcium (Ca)	mg/L	29	755876	23	755876	1.3	0.1	755876
Total Potassium (K)	mg/L	1.4	755876	0.6	755876	0.3	0.1	755876
Total Magnesium (Mg)	mg/L	2.0	755876	1.2	755876	0.8	0.1	755876
Total Sodium (Na)	mg/L	14	755876	21	755876	6.4	0.1	755876
Total Phosphorus (P)	mg/L	ND	755876	ND	755876	ND	0.1	755876
CALCULATION								
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	80.5	754368	73.4	754368	ND	1	754368
Calculated TDS	mg/L	127	754363	123	754363	25.2	1	754363
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	754368	ND	754368	ND	1	754368
Dissolved Hardness (CaCO3)	mg/L	81	754323	62	754323	6.8	N/A	754323
Langelier Index (@ 20C)	N/A	-1.23	754350	-0.931	754350	NC	N/A	754350
Langelier Index (@ 4C)	N/A	-1.48	754357	-1.18	754357	NC	N/A	754357
Nitrate (N)	mg/L	ND	754343	ND	754343	ND	0.05	754343
Saturation pH (@ 20C)	N/A	7.98	754350	8.13	754350	NC	N/A	754350
Saturation pH (@ 4C)	N/A	8.23	754357	8.38	754357	NC	N/A	754357
RCAP Calculations								
Anion Sum	me/L	2.09	754337	2.08	754337	0.321	N/A	754337
Cation Sum	me/L	2.28	754337	2.16	754337	0.427	N/A	754337
Ion Balance (% Difference)	%	4.40	754329	1.68	754329	14.2	N/A	754329

ND = Not detected
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46082		G46082		
Sampling Date						
COC Number		294114		294114		
	Units	**102F01-5-15**	**DL**	**102F01-5-15 Dup**	**DL**	**QC Batch**
ANIONS						
Dissolved Chloride (Cl)	mg/L	17	1	17	1	757995
Dissolved Sulphate (SO4)	mg/L	3.8	2	3.9	2	758702
CONVENTIONALS						
Total Alkalinity (Total as CaCO3)	mg/L	ND	5	ND	5	758490
Colour	TCU	ND	5	ND	5	757746
pH	pH	6.72	N/A	6.70	N/A	757920
Reactive Silica (SiO2)	mg/L	3.3	0.5	3.3	0.5	757846
Turbidity	NTU	<0.1	0.1	<0.1	0.1	758211
Conductivity	uS/cm	78	1	80	1	756427
Nutrients						
Nitrate + Nitrite	mg/L	0.57	0.05	0.57	0.05	758196
Nitrite (N)	mg/L	ND	0.01	ND	0.01	758456
Nitrogen (Ammonia Nitrogen)	mg/L	ND	0.05	ND	0.05	758339
Total Organic Carbon (C)	mg/L	0.6	0.5	0.5	0.5	754787
Orthophosphate (P)	mg/L	ND	0.01	ND	0.01	758963
METALS						
Total Aluminum (Al)	ug/L	120	10	120	10	755323
Total Antimony (Sb)	ug/L	ND	2	ND	2	755323
Total Arsenic (As)	ug/L	ND	2	ND	2	755323
Total Barium (Ba)	ug/L	9.3	5	9.2	5	755323
Total Beryllium (Be)	ug/L	ND	2	ND	2	755323
Total Bismuth (Bi)	ug/L	ND	2	ND	2	755323
Total Boron (B)	ug/L	6.8	5	7.5	5	755323
Total Cadmium (Cd)	ug/L	ND	0.3	ND	0.3	755323
Total Chromium (Cr)	ug/L	ND	2	ND	2	755323
Total Cobalt (Co)	ug/L	ND	1	ND	1	755323
Total Copper (Cu)	ug/L	18	2	17	2	755323
Total Iron (Fe)	ug/L	ND	50	ND	50	755323
Total Lead (Pb)	ug/L	ND	0.5	ND	0.5	755323
Total Manganese (Mn)	ug/L	15	2	15	2	755323
Total Molybdenum (Mo)	ug/L	ND	2	ND	2	755323
Total Nickel (Ni)	ug/L	ND	2	ND	2	755323

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G46082		G46082		
Sampling Date						
COC Number		294114		294114		
	Units	**102F01-5-15**	**DL**	**102F01-5-15 Dup**	**DL**	**QC Batch**
Total Selenium (Se)	ug/L	ND	2	ND	2	755323
Total Silver (Ag)	ug/L	ND	0.5	ND	0.5	755323
Total Strontium (Sr)	ug/L	22	5	22	5	755323
Total Thallium (Tl)	ug/L	ND	0.1	ND	0.1	755323
Total Tin (Sn)	ug/L	ND	2	ND	2	755323
Total Titanium (Ti)	ug/L	ND	2	ND	2	755323
Total Uranium (U)	ug/L	ND	0.1	ND	0.1	755323
Total Vanadium (V)	ug/L	ND	2	ND	2	755323
Total Zinc (Zn)	ug/L	ND	5	ND	5	755323
Elements						
Total Calcium (Ca)	mg/L	2.9	0.1	2.9	0.1	755876
Total Potassium (K)	mg/L	0.4	0.1	0.4	0.1	755876
Total Magnesium (Mg)	mg/L	1.5	0.1	1.4	0.1	755876
Total Sodium (Na)	mg/L	9.4	0.1	9.4	0.1	755876
Total Phosphorus (P)	mg/L	ND	0.1	ND	0.1	755876
CALCULATION						
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	ND	1	TBA	TBA	754368
Calculated TDS	mg/L	40.5	1	40.7	1	754363
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND	1	TBA	TBA	754368
Dissolved Hardness (CaCO3)	mg/L	13	N/A	13	N/A	754323
Langelier Index (@ 20C)	N/A	NC	N/A	NC	N/A	754350
Langelier Index (@ 4C)	N/A	NC	N/A	NC	N/A	754357
Nitrate (N)	mg/L	0.57	0.05	0.57	0.05	754343
Saturation pH (@ 20C)	N/A	NC	N/A	NC	N/A	754350
Saturation pH (@ 4C)	N/A	NC	N/A	NC	N/A	754357
RCAP Calculations						
Anion Sum	me/L	0.586	N/A	0.594	N/A	754337
Cation Sum	me/L	0.689	N/A	0.685	N/A	754337
Ion Balance (% Difference)	%	8.10	N/A	7.06	N/A	754329

ND = Not detected
TBA = Result to follow
NC = Non-calculable
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A549646
Report Date: 2005/06/16

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

GENERAL COMMENTS

Sample G46015-01: RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample G46045-01: RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample G46053-01: RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample G46081-01: RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Sample G46082-01: RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Results relate only to the items tested.

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report

Maxxam Job Number: DA549646

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
754323	JAR	RPD	Dissolved Hardness (CaCO3)	2005/06/08	1		%	N/A
754329	JAR	RPD	Ion Balance (% Difference)	2005/06/08	13.7		%	N/A
754337	JAR	RPD	Anion Sum	2005/06/08	1.4		%	N/A
			Cation Sum	2005/06/08	0.6		%	N/A
754343	JAR	RPD	Nitrate (N)	2005/06/08	0.5		%	25
754350	JAR	RPD	Langelier Index (@ 20C)	2005/06/08	NC		%	N/A
			Saturation pH (@ 20C)	2005/06/08	NC		%	N/A
754357	JAR	RPD	Langelier Index (@ 4C)	2005/06/08	NC		%	N/A
			Saturation pH (@ 4C)	2005/06/08	NC		%	N/A
754363	JAR	RPD	Calculated TDS	2005/06/08	0.6		%	N/A
754366	JAR	RPD	Bicarb. Alkalinity (calc. as CaCO3)		TBA		%	N/A
			Carb. Alkalinity (calc. as CaCO3)		TBA		%	N/A
754368	JAR	RPD	Bicarb. Alkalinity (calc. as CaCO3)		TBA		%	N/A
			Carb. Alkalinity (calc. as CaCO3)		TBA		%	N/A
754699	JRH	MATRIX SPIKE	Total Aluminum (Al)	2005/06/08		!!2260	%	80 - 120
			Total Antimony (Sb)	2005/06/08		105	%	80 - 120
			Total Arsenic (As)	2005/06/08		106	%	80 - 120
			Total Barium (Ba)	2005/06/08		108	%	80 - 120
			Total Beryllium (Be)	2005/06/08		112	%	80 - 120
			Total Bismuth (Bi)	2005/06/08		98	%	80 - 120
			Total Boron (B)	2005/06/08		94	%	80 - 120
			Total Cadmium (Cd)	2005/06/08		107	%	80 - 120
			Total Chromium (Cr)	2005/06/08		103	%	80 - 120
			Total Cobalt (Co)	2005/06/08		!!121	%	80 - 120
			Total Copper (Cu)	2005/06/08		102	%	80 - 120
			Total Iron (Fe)	2005/06/08		!!165	%	80 - 120
			Total Lead (Pb)	2005/06/08		106	%	80 - 120
			Total Manganese (Mn)	2005/06/08		!!241	%	80 - 120
			Total Molybdenum (Mo)	2005/06/08		105	%	80 - 120
			Total Nickel (Ni)	2005/06/08		!!150	%	80 - 120
			Total Selenium (Se)	2005/06/08		100	%	80 - 120
			Total Silver (Ag)	2005/06/08		100	%	80 - 120
			Total Strontium (Sr)	2005/06/08		!!162	%	80 - 120
			Total Thallium (Tl)	2005/06/08		104	%	80 - 120
			Total Tin (Sn)	2005/06/08		107	%	80 - 120
			Total Titanium (Ti)	2005/06/08		106	%	80 - 120
			Total Uranium (U)	2005/06/08		104	%	80 - 120
			Total Vanadium (V)	2005/06/08		104	%	80 - 120
			Total Zinc (Zn)	2005/06/08		!!134	%	80 - 120
		QC STANDARD	Total Aluminum (Al)	2005/06/08		104	%	80 - 120
			Total Antimony (Sb)	2005/06/08		103	%	80 - 120
			Total Arsenic (As)	2005/06/08		104	%	80 - 120
			Total Barium (Ba)	2005/06/08		102	%	80 - 120
			Total Beryllium (Be)	2005/06/08		110	%	80 - 120
			Total Boron (B)	2005/06/08		103	%	80 - 120
			Total Cadmium (Cd)	2005/06/08		107	%	80 - 120
			Total Chromium (Cr)	2005/06/08		106	%	80 - 120
			Total Cobalt (Co)	2005/06/08		108	%	80 - 120
			Total Copper (Cu)	2005/06/08		102	%	80 - 120
			Total Iron (Fe)	2005/06/08		109	%	80 - 120
			Total Lead (Pb)	2005/06/08		108	%	80 - 120
			Total Manganese (Mn)	2005/06/08		104	%	80 - 120
			Total Molybdenum (Mo)	2005/06/08		102	%	80 - 120
			Total Nickel (Ni)	2005/06/08		102	%	80 - 120
			Total Selenium (Se)	2005/06/08		102	%	80 - 120
			Total Strontium (Sr)	2005/06/08		108	%	80 - 120

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA549646

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
754699	JRH	QC STANDARD	Total Thallium (Tl)	2005/06/08		97	%	80 - 120
			Total Uranium (U)	2005/06/08		104	%	80 - 120
			Total Vanadium (V)	2005/06/08		106	%	80 - 120
			Total Zinc (Zn)	2005/06/08		100	%	80 - 120
		Spiked Blank	Total Aluminum (Al)	2005/06/08		115	%	80 - 120
			Total Antimony (Sb)	2005/06/08		101	%	80 - 120
			Total Arsenic (As)	2005/06/08		95	%	80 - 120
			Total Barium (Ba)	2005/06/08		105	%	80 - 120
			Total Beryllium (Be)	2005/06/08		105	%	80 - 120
			Total Bismuth (Bi)	2005/06/08		110	%	80 - 120
			Total Boron (B)	2005/06/08		102	%	80 - 120
			Total Cadmium (Cd)	2005/06/08		100	%	80 - 120
			Total Chromium (Cr)	2005/06/08		97	%	80 - 120
			Total Cobalt (Co)	2005/06/08		98	%	80 - 120
			Total Copper (Cu)	2005/06/08		98	%	80 - 120
			Total Iron (Fe)	2005/06/08		88	%	80 - 120
			Total Lead (Pb)	2005/06/08		106	%	80 - 120
			Total Manganese (Mn)	2005/06/08		103	%	80 - 120
			Total Molybdenum (Mo)	2005/06/08		100	%	80 - 120
			Total Nickel (Ni)	2005/06/08		99	%	80 - 120
			Total Selenium (Se)	2005/06/08		96	%	80 - 120
			Total Silver (Ag)	2005/06/08		97	%	80 - 120
			Total Strontium (Sr)	2005/06/08		102	%	80 - 120
			Total Thallium (Tl)	2005/06/08		106	%	80 - 120
			Total Tin (Sn)	2005/06/08		101	%	80 - 120
			Total Titanium (Ti)	2005/06/08		98	%	80 - 120
			Total Uranium (U)	2005/06/08		104	%	80 - 120
			Total Vanadium (V)	2005/06/08		98	%	80 - 120
			Total Zinc (Zn)	2005/06/08		94	%	80 - 120
		Method Blank	Total Aluminum (Al)	2005/06/08	ND, DL=10		ug/L	
			Total Antimony (Sb)	2005/06/08	ND, DL=2		ug/L	
			Total Arsenic (As)	2005/06/08	ND, DL=2		ug/L	
			Total Barium (Ba)	2005/06/08	ND, DL=5		ug/L	
			Total Beryllium (Be)	2005/06/08	ND, DL=2		ug/L	
			Total Bismuth (Bi)	2005/06/08	ND, DL=2		ug/L	
			Total Boron (B)	2005/06/08	ND, DL=5		ug/L	
			Total Cadmium (Cd)	2005/06/08	ND, DL=0.3		ug/L	
			Total Chromium (Cr)	2005/06/08	ND, DL=2		ug/L	
			Total Cobalt (Co)	2005/06/08	ND, DL=1		ug/L	
			Total Copper (Cu)	2005/06/08	ND, DL=2		ug/L	
			Total Iron (Fe)	2005/06/08	ND, DL=50		ug/L	
			Total Lead (Pb)	2005/06/08	ND, DL=0.5		ug/L	
			Total Manganese (Mn)	2005/06/08	ND, DL=2		ug/L	
			Total Molybdenum (Mo)	2005/06/08	ND, DL=2		ug/L	
			Total Nickel (Ni)	2005/06/08	ND, DL=2		ug/L	
			Total Selenium (Se)	2005/06/08	ND, DL=2		ug/L	
			Total Silver (Ag)	2005/06/08	ND, DL=0.5		ug/L	
			Total Strontium (Sr)	2005/06/08	ND, DL=5		ug/L	
			Total Thallium (Tl)	2005/06/08	ND, DL=0.1		ug/L	
			Total Tin (Sn)	2005/06/08	ND, DL=2		ug/L	
			Total Titanium (Ti)	2005/06/08	ND, DL=2		ug/L	
			Total Uranium (U)	2005/06/08	ND, DL=0.1		ug/L	
			Total Vanadium (V)	2005/06/08	ND, DL=2		ug/L	
			Total Zinc (Zn)	2005/06/08	ND, DL=5		ug/L	
		RPD	Total Aluminum (Al)	2005/06/08	3.3		%	25
			Total Antimony (Sb)	2005/06/08	NC		%	25

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754699	JRH	RPD	Total Arsenic (As)	2005/06/08	NC		%	25
			Total Barium (Ba)	2005/06/08	1.2		%	25
			Total Beryllium (Be)	2005/06/08	NC		%	25
			Total Bismuth (Bi)	2005/06/08	NC		%	25
			Total Boron (B)	2005/06/08	NC		%	25
			Total Cadmium (Cd)	2005/06/08	NC		%	25
			Total Chromium (Cr)	2005/06/08	NC		%	25
			Total Cobalt (Co)	2005/06/08	NC		%	25
			Total Copper (Cu)	2005/06/08	3.0		%	25
			Total Iron (Fe)	2005/06/08	NC		%	25
			Total Lead (Pb)	2005/06/08	NC		%	25
			Total Manganese (Mn)	2005/06/08	1.8		%	25
			Total Molybdenum (Mo)	2005/06/08	NC		%	25
			Total Nickel (Ni)	2005/06/08	NC		%	25
			Total Selenium (Se)	2005/06/08	NC		%	25
			Total Silver (Ag)	2005/06/08	NC		%	25
			Total Strontium (Sr)	2005/06/08	2.3		%	25
			Total Thallium (Tl)	2005/06/08	NC		%	25
			Total Tin (Sn)	2005/06/08	NC		%	25
			Total Titanium (Ti)	2005/06/08	NC		%	25
			Total Uranium (U)	2005/06/08	NC		%	25
			Total Vanadium (V)	2005/06/08	NC		%	25
			Total Zinc (Zn)	2005/06/08	NC		%	25
754787	MLB	QC STANDARD	Total Organic Carbon (C)	2005/06/08		89	%	80 - 120
		Spiked Blank	Total Organic Carbon (C)	2005/06/08		102	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/06/08	ND, DL=0.5		mg/L	
		RPD	Total Organic Carbon (C)	2005/06/08	NC		%	25
755323	JRH	MATRIX SPIKE	Total Aluminum (Al)	2005/06/08		88	%	80 - 120
			Total Antimony (Sb)	2005/06/08		97	%	80 - 120
			Total Arsenic (As)	2005/06/08		108	%	80 - 120
			Total Barium (Ba)	2005/06/08		106	%	80 - 120
			Total Beryllium (Be)	2005/06/08		103	%	80 - 120
			Total Bismuth (Bi)	2005/06/08		89	%	80 - 120
			Total Boron (B)	2005/06/08		94	%	80 - 120
			Total Cadmium (Cd)	2005/06/08		104	%	80 - 120
			Total Chromium (Cr)	2005/06/08		99	%	80 - 120
			Total Cobalt (Co)	2005/06/08		101	%	80 - 120
			Total Copper (Cu)	2005/06/08		98	%	80 - 120
			Total Iron (Fe)	2005/06/08		99	%	80 - 120
			Total Lead (Pb)	2005/06/08		97	%	80 - 120
			Total Manganese (Mn)	2005/06/08		90	%	80 - 120
			Total Molybdenum (Mo)	2005/06/08		105	%	80 - 120
			Total Nickel (Ni)	2005/06/08		99	%	80 - 120
			Total Selenium (Se)	2005/06/08		106	%	80 - 120
			Total Silver (Ag)	2005/06/08		96	%	80 - 120
			Total Strontium (Sr)	2005/06/08		111	%	80 - 120
			Total Thallium (Tl)	2005/06/08		98	%	80 - 120
			Total Tin (Sn)	2005/06/08		94	%	80 - 120
			Total Titanium (Ti)	2005/06/08		101	%	80 - 120
			Total Uranium (U)	2005/06/08		104	%	80 - 120
			Total Vanadium (V)	2005/06/08		105	%	80 - 120
			Total Zinc (Zn)	2005/06/08		106	%	80 - 120
		QC STANDARD	Total Aluminum (Al)	2005/06/08		95	%	80 - 120
			Total Antimony (Sb)	2005/06/08		100	%	80 - 120
			Total Arsenic (As)	2005/06/08		101	%	80 - 120
			Total Barium (Ba)	2005/06/08		100	%	80 - 120

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755323	JRH	QC STANDARD	Total Beryllium (Be)	2005/06/08		101	%	80 - 120
			Total Boron (B)	2005/06/08		100	%	80 - 120
			Total Cadmium (Cd)	2005/06/08		104	%	80 - 120
			Total Chromium (Cr)	2005/06/08		103	%	80 - 120
			Total Cobalt (Co)	2005/06/08		104	%	80 - 120
			Total Copper (Cu)	2005/06/08		101	%	80 - 120
			Total Iron (Fe)	2005/06/08		111	%	80 - 120
			Total Lead (Pb)	2005/06/08		104	%	80 - 120
			Total Manganese (Mn)	2005/06/08		101	%	80 - 120
			Total Molybdenum (Mo)	2005/06/08		101	%	80 - 120
			Total Nickel (Ni)	2005/06/08		100	%	80 - 120
			Total Selenium (Se)	2005/06/08		104	%	80 - 120
			Total Strontium (Sr)	2005/06/08		105	%	80 - 120
			Total Thallium (Tl)	2005/06/08		93	%	80 - 120
			Total Uranium (U)	2005/06/08		108	%	80 - 120
			Total Vanadium (V)	2005/06/08		105	%	80 - 120
			Total Zinc (Zn)	2005/06/08		101	%	80 - 120
		Spiked Blank	Total Aluminum (Al)	2005/06/08		97	%	80 - 120
			Total Antimony (Sb)	2005/06/08		94	%	80 - 120
			Total Arsenic (As)	2005/06/08		93	%	80 - 120
			Total Barium (Ba)	2005/06/08		95	%	80 - 120
			Total Beryllium (Be)	2005/06/08		97	%	80 - 120
			Total Bismuth (Bi)	2005/06/08		102	%	80 - 120
			Total Boron (B)	2005/06/08		91	%	80 - 120
			Total Cadmium (Cd)	2005/06/08		95	%	80 - 120
			Total Chromium (Cr)	2005/06/08		95	%	80 - 120
			Total Cobalt (Co)	2005/06/08		95	%	80 - 120
			Total Copper (Cu)	2005/06/08		94	%	80 - 120
			Total Iron (Fe)	2005/06/08		119	%	80 - 120
			Total Lead (Pb)	2005/06/08		96	%	80 - 120
			Total Manganese (Mn)	2005/06/08		95	%	80 - 120
			Total Molybdenum (Mo)	2005/06/08		95	%	80 - 120
			Total Nickel (Ni)	2005/06/08		96	%	80 - 120
			Total Selenium (Se)	2005/06/08		94	%	80 - 120
			Total Silver (Ag)	2005/06/08		93	%	80 - 120
			Total Strontium (Sr)	2005/06/08		97	%	80 - 120
			Total Thallium (Tl)	2005/06/08		94	%	80 - 120
			Total Tin (Sn)	2005/06/08		97	%	80 - 120
			Total Titanium (Ti)	2005/06/08		96	%	80 - 120
			Total Uranium (U)	2005/06/08		99	%	80 - 120
			Total Vanadium (V)	2005/06/08		95	%	80 - 120
			Total Zinc (Zn)	2005/06/08		95	%	80 - 120
		Method Blank	Total Aluminum (Al)	2005/06/08	ND, DL=10		ug/L	
			Total Antimony (Sb)	2005/06/08	ND, DL=2		ug/L	
			Total Arsenic (As)	2005/06/08	ND, DL=2		ug/L	
			Total Barium (Ba)	2005/06/08	ND, DL=5		ug/L	
			Total Beryllium (Be)	2005/06/08	ND, DL=2		ug/L	
			Total Bismuth (Bi)	2005/06/08	ND, DL=2		ug/L	
			Total Boron (B)	2005/06/08	ND, DL=5		ug/L	
			Total Cadmium (Cd)	2005/06/08	ND, DL=0.3		ug/L	
			Total Chromium (Cr)	2005/06/08	ND, DL=2		ug/L	
			Total Cobalt (Co)	2005/06/08	ND, DL=1		ug/L	
			Total Copper (Cu)	2005/06/08	ND, DL=2		ug/L	
			Total Iron (Fe)	2005/06/08	ND, DL=50		ug/L	
			Total Lead (Pb)	2005/06/08	ND, DL=0.5		ug/L	
			Total Manganese (Mn)	2005/06/08	ND, DL=2		ug/L	

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755323 JRH	Method Blank	Total Molybdenum (Mo)	2005/06/08	ND, DL=2		ug/L	
		Total Nickel (Ni)	2005/06/08	ND, DL=2		ug/L	
		Total Selenium (Se)	2005/06/08	ND, DL=2		ug/L	
		Total Silver (Ag)	2005/06/08	ND, DL=0.5		ug/L	
		Total Strontium (Sr)	2005/06/08	ND, DL=5		ug/L	
		Total Thallium (Tl)	2005/06/08	ND, DL=0.1		ug/L	
		Total Tin (Sn)	2005/06/08	ND, DL=2		ug/L	
		Total Titanium (Ti)	2005/06/08	ND, DL=2		ug/L	
		Total Uranium (U)	2005/06/08	ND, DL=0.1		ug/L	
		Total Vanadium (V)	2005/06/08	ND, DL=2		ug/L	
		Total Zinc (Zn)	2005/06/08	ND, DL=5		ug/L	
	RPD	Total Aluminum (Al)	2005/06/08	1.5		%	25
		Total Antimony (Sb)	2005/06/08	NC		%	25
		Total Arsenic (As)	2005/06/08	NC		%	25
		Total Barium (Ba)	2005/06/08	NC		%	25
		Total Beryllium (Be)	2005/06/08	NC		%	25
		Total Bismuth (Bi)	2005/06/08	NC		%	25
		Total Boron (B)	2005/06/08	NC		%	25
		Total Cadmium (Cd)	2005/06/08	NC		%	25
		Total Chromium (Cr)	2005/06/08	NC		%	25
		Total Cobalt (Co)	2005/06/08	NC		%	25
		Total Copper (Cu)	2005/06/08	0.8		%	25
		Total Iron (Fe)	2005/06/08	NC		%	25
		Total Lead (Pb)	2005/06/08	NC		%	25
		Total Manganese (Mn)	2005/06/08	1.2		%	25
		Total Molybdenum (Mo)	2005/06/08	NC		%	25
		Total Nickel (Ni)	2005/06/08	NC		%	25
		Total Selenium (Se)	2005/06/08	NC		%	25
		Total Silver (Ag)	2005/06/08	NC		%	25
		Total Strontium (Sr)	2005/06/08	NC		%	25
		Total Thallium (Tl)	2005/06/08	NC		%	25
		Total Tin (Sn)	2005/06/08	NC		%	25
		Total Titanium (Ti)	2005/06/08	NC		%	25
		Total Uranium (U)	2005/06/08	NC		%	25
		Total Vanadium (V)	2005/06/08	NC		%	25
		Total Zinc (Zn)	2005/06/08	NC		%	25
755723 ARS	QC STANDARD	Conductivity	2005/06/09		101	%	80 - 120
	Method Blank	Conductivity	2005/06/09	0.78		uS/cm	
	RPD	Conductivity	2005/06/09	0.5		%	25
755869 CMO	MATRIX SPIKE	Total Calcium (Ca)	2005/06/09		93	%	80 - 120
		Total Potassium (K)	2005/06/09		90	%	80 - 120
		Total Magnesium (Mg)	2005/06/09		92	%	80 - 120
		Total Sodium (Na)	2005/06/09		91	%	80 - 120
		Total Phosphorus (P)	2005/06/09		92	%	80 - 120
	QC STANDARD	Total Calcium (Ca)	2005/06/09		111	%	80 - 120
		Total Potassium (K)	2005/06/09		99	%	80 - 120
		Total Magnesium (Mg)	2005/06/09		108	%	80 - 120
		Total Sodium (Na)	2005/06/09		109	%	80 - 120
		Total Phosphorus (P)	2005/06/09		97	%	80 - 120
	Spiked Blank	Total Calcium (Ca)	2005/06/09		93	%	80 - 120
		Total Potassium (K)	2005/06/09		90	%	80 - 120
		Total Magnesium (Mg)	2005/06/09		92	%	80 - 120
		Total Sodium (Na)	2005/06/09		95	%	80 - 120
		Total Phosphorus (P)	2005/06/09		90	%	80 - 120
	Method Blank	Total Calcium (Ca)	2005/06/09	ND, DL=0.1		mg/L	
		Total Potassium (K)	2005/06/09	ND, DL=0.1		mg/L	

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755869	CMO	Method Blank	Total Magnesium (Mg)	2005/06/09	ND, DL=0.1		mg/L	
			Total Sodium (Na)	2005/06/09	ND, DL=0.1		mg/L	
			Total Phosphorus (P)	2005/06/09	ND, DL=0.1		mg/L	
		RPD	Total Calcium (Ca)	2005/06/09	3.1		%	25
			Total Potassium (K)	2005/06/09	0.7		%	25
			Total Magnesium (Mg)	2005/06/09	1.7		%	25
			Total Sodium (Na)	2005/06/09	4.8		%	25
			Total Phosphorus (P)	2005/06/09	NC		%	25
755876	CMO	MATRIX SPIKE	Total Calcium (Ca)	2005/06/09		93	%	80 - 120
			Total Potassium (K)	2005/06/09		89	%	80 - 120
			Total Magnesium (Mg)	2005/06/09		91	%	80 - 120
			Total Sodium (Na)	2005/06/09		92	%	80 - 120
			Total Phosphorus (P)	2005/06/09		90	%	80 - 120
		QC STANDARD	Total Calcium (Ca)	2005/06/09		108	%	80 - 120
			Total Potassium (K)	2005/06/09		96	%	80 - 120
			Total Magnesium (Mg)	2005/06/09		105	%	80 - 120
			Total Sodium (Na)	2005/06/09		107	%	80 - 120
			Total Phosphorus (P)	2005/06/09		95	%	80 - 120
		Spiked Blank	Total Calcium (Ca)	2005/06/09		93	%	80 - 120
			Total Potassium (K)	2005/06/09		90	%	80 - 120
			Total Magnesium (Mg)	2005/06/09		91	%	80 - 120
			Total Sodium (Na)	2005/06/09		92	%	80 - 120
			Total Phosphorus (P)	2005/06/09		90	%	80 - 120
		Method Blank	Total Calcium (Ca)	2005/06/09	ND, DL=0.1		mg/L	
			Total Potassium (K)	2005/06/09	ND, DL=0.1		mg/L	
			Total Magnesium (Mg)	2005/06/09	ND, DL=0.1		mg/L	
			Total Sodium (Na)	2005/06/09	ND, DL=0.1		mg/L	
			Total Phosphorus (P)	2005/06/09	ND, DL=0.1		mg/L	
		RPD	Total Calcium (Ca)	2005/06/09	1.1		%	25
			Total Potassium (K)	2005/06/09	NC		%	25
			Total Magnesium (Mg)	2005/06/09	0.8		%	25
			Total Sodium (Na)	2005/06/09	0.4		%	25
			Total Phosphorus (P)	2005/06/09	NC		%	25
756427	ARS	QC STANDARD	Conductivity	2005/06/10		103	%	80 - 120
		Method Blank	Conductivity	2005/06/10	0.76		uS/cm	
		RPD	Conductivity	2005/06/10	2.2		%	25
756431	ARS	QC STANDARD	pH	2005/06/10		102	%	80 - 120
		Method Blank	pH	2005/06/10	5.64		pH	
		RPD	pH	2005/06/10	0.1		%	25
756526	ARS	QC STANDARD	pH	2005/06/10		102	%	80 - 120
		Method Blank	pH	2005/06/10	6.82		pH	
		RPD	pH	2005/06/10	0		%	25
756535	ARS	QC STANDARD	Conductivity	2005/06/10		99	%	80 - 120
		Method Blank	Conductivity	2005/06/10	0.77		uS/cm	
		RPD	Conductivity	2005/06/10	2.0		%	25
756716	ARS	QC STANDARD	pH	2005/06/10		102	%	80 - 120
		Method Blank	pH	2005/06/10	6.21		pH	
		RPD	pH	2005/06/10	1.6		%	25
757383	RBO	MATRIX SPIKE	Orthophosphate (P)	2005/06/11		94	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/06/11		100	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/06/11		101	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/06/11	ND, DL=0.01		mg/L	
757721	KBA	QC STANDARD	Colour	2005/06/13		90	%	80 - 120
		Method Blank	Colour	2005/06/13	ND, DL=5		TCU	
		RPD	Colour	2005/06/13	NC		%	25
757746	KBA	QC STANDARD	Colour	2005/06/13		91	%	80 - 120

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757746	KBA	Method Blank	Colour	2005/06/13	ND, DL=5		TCU	
		RPD	Colour	2005/06/13	NC		%	25
757833	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/06/13		93	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/06/13		101	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/06/13		102	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/06/13	ND, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/06/13	2.9		%	25
757846	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/06/13		92	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/06/13		105	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/06/13		102	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/06/13	ND, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/06/13	0.09		%	25
757920	ARS	QC STANDARD	pH	2005/06/13		102	%	80 - 120
		Method Blank	pH	2005/06/13	6.01		pH	
		RPD	pH	2005/06/13	0.3		%	25
757964	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/06/13		104	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/06/13		100	%	80 - 120
		Spiked Blank	Dissolved Chloride (Cl)	2005/06/13		107	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/06/13	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/06/13	0		%	25
757995	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/06/13		104	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/06/13		100	%	80 - 120
		Spiked Blank	Dissolved Chloride (Cl)	2005/06/13		108	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/06/13	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/06/13	1.6		%	25
758193	MCN	MATRIX SPIKE	Nitrate + Nitrite	2005/06/13		93	%	80 - 120
		QC STANDARD	Nitrate + Nitrite	2005/06/13		97	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/06/13		96	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/06/13	ND, DL=0.05		mg/L	
		RPD	Nitrate + Nitrite	2005/06/13	NC		%	25
758196	MCN	MATRIX SPIKE	Nitrate + Nitrite	2005/06/13		98	%	80 - 120
		QC STANDARD	Nitrate + Nitrite	2005/06/13		94	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/06/13		94	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/06/13	ND, DL=0.05		mg/L	
		RPD	Nitrate + Nitrite	2005/06/13	0.5		%	25
758211	ARS	QC STANDARD	Turbidity	2005/06/13		96	%	80 - 120
		Method Blank	Turbidity	2005/06/13	<.1		NTU	
		RPD	Turbidity	2005/06/13	NC		%	25
758336	MCN	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/06/13		94	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/06/13		91	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/06/13		92	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/06/13	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/06/13	NC		%	25
758339	MCN	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/06/13		93	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/06/13		94	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/06/13		83	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/06/13	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/06/13	NC		%	25
758456	MCN	MATRIX SPIKE	Nitrite (N)	2005/06/13		90	%	80 - 120
		QC STANDARD	Nitrite (N)	2005/06/13		85	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/06/13		90	%	80 - 120
		Method Blank	Nitrite (N)	2005/06/13	ND, DL=0.01		mg/L	
		RPD	Nitrite (N)	2005/06/13	NC		%	25
758468	KBA	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/06/14		90	%	80 - 120
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/06/14		105	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/06/14		104	%	80 - 120

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA549646

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
758468	KBA	Method Blank	Total Alkalinity (Total as CaCO3)	2005/06/14	ND, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/06/14	0.6		%	25
758490	KBA	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/06/14		99	%	80 - 120
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/06/14		105	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/06/14		106	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/06/14	ND, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/06/14	NC		%	25
758674	KBA	MATRIX SPIKE	Dissolved Sulphate (SO4)	2005/06/14		104	%	80 - 120
		QC STANDARD	Dissolved Sulphate (SO4)	2005/06/14		105	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/06/14		108	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/06/14	ND, DL=2		mg/L	
		RPD	Dissolved Sulphate (SO4)	2005/06/14	0.4		%	25
758702	KBA	MATRIX SPIKE	Dissolved Sulphate (SO4)	2005/06/14		106	%	80 - 120
		QC STANDARD	Dissolved Sulphate (SO4)	2005/06/14		106	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/06/14		105	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/06/14	ND, DL=2		mg/L	
		RPD	Dissolved Sulphate (SO4)	2005/06/14	NC		%	25
758757	MCN	QC STANDARD	Nitrite (N)	2005/06/14		95	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/06/14		94	%	80 - 120
		Method Blank	Nitrite (N)	2005/06/14	ND, DL=0.01		mg/L	
758816	MCN	QC STANDARD	Nitrate + Nitrite	2005/06/14		96	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/06/14		102	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/06/14	ND, DL=0.05		mg/L	
758963	MCN	MATRIX SPIKE	Orthophosphate (P)	2005/06/14		106	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/06/14		89	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/06/14		92	%	80 - 120
		Method Blank	Orthophosphate (P)	2005/06/14	ND, DL=0.01		mg/L	
		RPD	Orthophosphate (P)	2005/06/14	NC		%	25

ND = Not detected
N/A = Not Applicable
TBA = Result to follow
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample

Earth-Water Concepts Inc
PO Box 51015
Halifax, NS
B3M 4R8

Attention: RICHARD GAGNE

Report Date: 2005/06/27

Your C.O.C. #: 310206

ANALYTICAL REPORT

MAXXAM JOB #: A558046
Received: 2005/06/24, 9:51

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Colilert - Coliform in Water (P/A) (1)	1	N/A	2005/06/24	5000_1_4	Based on SM9223

(1) SCC/CAEAL

MAXXAM ANALYTICS INC.

KERI MACKAY
Project Manager

KMA/lad
encl.

Total cover pages: 1

Maxxam Job #: A558046
Report Date: 2005/06/27

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

MICROBIOLOGY (WATER)

Maxxam ID		G82430		
Sampling Date		2005/06/23 12:22		
COC Number		310206		
	Units	**102F01-6-1**	**DL**	**QC Batch**
MICROBIOLOGICAL				
Escherichia coli	P-A/100mL	ND	N/A	766166
Total Coliforms	P-A/100mL	PRESENT	N/A	766166

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A558046
Report Date: 2005/06/27

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

GENERAL COMMENTS

Results relate only to the items tested.

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report

Maxxam Job Number: DA558046

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
766166	AOB	Method Blank	Escherichia coli	2005/06/24	ND, DL=0		P-A/100mL	
			Total Coliforms	2005/06/24	ND, DL=0		P-A/100mL	

ND = Not detected

Bedford: 200 Bluewater Road Bedford NS B4B 1G9 Telephone(902)420-0203 FAX(902)420-8612

Earth-Water Concepts Inc
PO Box 51015
Halifax, NS
B3M 4R8

Attention: RICHARD GAGNE

Report Date: 2005/07/07

Your C.O.C. #: 310206

ANALYTICAL REPORT

MAXXAM JOB #: A558048
Received: 2005/06/24, 10:45

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Carbonate, Bicarbonate and Hydroxide	1	N/A	2005/06/30		
Alkalinity (1)	1	N/A	2005/06/30	2015_1_2	Based on EPA310.2
Chloride	1	N/A	2005/06/30	2045_1_2	Based on SM4500-Cl-
Colour	1	N/A	2005/06/30	2156_1_1	Based on EPA110.2
Conductance - water	1	N/A	2005/06/30	1013_1_2	Based on SM2510B
Hardness (calculated as CaCO3)	1	N/A	2005/06/27		
Total metals in water OES	1	N/A	2005/07/04	SOP 3120_2_1	Based on EPA200.7
Elements by ICPMS - Total (FIAS) (1)	1	N/A	2005/07/05	3013_1_1	Based on EPA6020A
Ion Balance (% Difference)	1	N/A	2005/06/27		
Anion and Cation Sum	1	N/A	2005/06/27		
Nitrogen Ammonia - water	1	N/A	2005/07/04	2105_1_2	Based on USEPA 350.1
Nitrogen - Nitrate + Nitrite (1)	1	N/A	2005/07/04	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrite (1)	1	N/A	2005/07/04	2125_1_1	Based on USEPA 354.1
Nitrogen - Nitrate (as N) (1)	1	N/A	2005/06/27	SOP 2130_1_1	Based on ASTMD3867
pH (1)	1	N/A	2005/06/30	1007_1_1/1011_1_2	Based on EPA150.1
Phosphorus - ortho (1)	1	N/A	2005/06/30	2165_1_1	Based on USEPA 365.1
Sat. pH and Langelier Index (@ 20C)	1	N/A	2005/06/27		
Sat. pH and Langelier Index (@ 4C)	1	N/A	2005/06/27		
Reactive Silica (1)	1	N/A	2005/06/30	2185_1_1	Based on EPA 366.0
Sulphate (1)	1	N/A	2005/06/30	4065_1_2	Based on EPA 375.4
Total Dissolved Solids (TDS calc)	1	N/A	2005/06/27		
Organic carbon - Total (TOC) (1)	1	N/A	2005/06/27	2020_1_3	Based on SM 5310C
Turbidity (1)	1	N/A	2005/06/30	1040_2_4	based on EPA 180.1

(1) SCC/CAEAL

MAXXAM ANALYTICS INC.

KERI MACKAY
Project Manager

KMA/lad
encl.

Total cover pages: 1

Maxxam Job #: A558048
Report Date: 2005/07/07

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G82431	G82431		
Sampling Date		2005/06/23 12:22	2005/06/23 12:22		
COC Number		310206	310206		
	Units	**102F01-6-1**	**102F01-6-1 Dup**	**DL**	**QC Batch**
Inorganics					
pH	pH	6.63		N/A	770401
Reactive Silica (SiO2)	mg/L	7.5		0.5	770562
ANIONS					
Dissolved Chloride (Cl)	mg/L	10		1	770645
Dissolved Sulphate (SO4)	mg/L	3.6		2	770852
Calculated Parameters					
Anion Sum	me/L	1.26		N/A	767755
Bicarb. Alkalinity (calc. as CaCO3)	mg/L	45.0		1	770225
Calculated TDS	mg/L	78.8		1	767767
Carb. Alkalinity (calc. as CaCO3)	mg/L	ND		1	770225
Cation Sum	me/L	1.46		N/A	767755
Dissolved Hardness (CaCO3)	mg/L	49		N/A	767749
Ion Balance (% Difference)	%	7.21		N/A	767752
Langelier Index (@ 20C)	N/A	-1.80		N/A	767761
Langelier Index (@ 4C)	N/A	-2.05		N/A	767764
Saturation pH (@ 20C)	N/A	8.43		N/A	767761
Saturation pH (@ 4C)	N/A	8.68		N/A	767764
CONVENTIONALS					
Total Alkalinity (Total as CaCO3)	mg/L	45		5	770447
Colour	TCU	ND		5	770605
Turbidity	NTU	12		0.1	770538
Conductivity	uS/cm	130		1	770409
Nutrients					
Nitrate + Nitrite	mg/L	ND		0.05	772533
Nitrite (N)	mg/L	ND		0.01	772538
Nitrogen (Ammonia Nitrogen)	mg/L	ND		0.05	772189
Total Organic Carbon (C)	mg/L	ND		0.5	767658
Orthophosphate (P)	mg/L	ND		0.01	770699
Metals					
Total Aluminum (Al)	ug/L	ND	ND	10	773395
Total Antimony (Sb)	ug/L	ND	ND	2	773395
Total Arsenic (As)	ug/L	ND	ND	2	773395

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A558048
Report Date: 2005/07/07

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

ATLANTIC RCAP-MS TOTAL IN WATER (WATER)

Maxxam ID		G82431	G82431		
Sampling Date		2005/06/23 12:22	2005/06/23 12:22		
COC Number		310206	310206		
	Units	**102F01-6-1**	**102F01-6-1 Dup**	**DL**	**QC Batch**
Total Barium (Ba)	ug/L	ND	ND	5	773395
Total Beryllium (Be)	ug/L	ND	ND	2	773395
Total Bismuth (Bi)	ug/L	ND	ND	2	773395
Total Boron (B)	ug/L	11	11	5	773395
Total Cadmium (Cd)	ug/L	ND	ND	0.3	773395
Total Chromium (Cr)	ug/L	ND	ND	2	773395
Total Cobalt (Co)	ug/L	ND	ND	1	773395
Total Copper (Cu)	ug/L	13	!!17	2	773395
Total Iron (Fe)	ug/L	1100	1200	50	773395
Total Lead (Pb)	ug/L	ND	ND	0.5	773395
Total Manganese (Mn)	ug/L	50	50	2	773395
Total Molybdenum (Mo)	ug/L	ND	ND	2	773395
Total Nickel (Ni)	ug/L	ND	ND	2	773395
Total Selenium (Se)	ug/L	ND	ND	2	773395
Total Silver (Ag)	ug/L	ND	ND	0.5	773395
Total Strontium (Sr)	ug/L	75	76	5	773395
Total Thallium (Tl)	ug/L	ND	ND	0.1	773395
Total Tin (Sn)	ug/L	ND	ND	2	773395
Total Titanium (Ti)	ug/L	ND	ND	2	773395
Total Uranium (U)	ug/L	0.1	0.1	0.1	773395
Total Vanadium (V)	ug/L	ND	ND	2	773395
Total Zinc (Zn)	ug/L	22	20	5	773395
Elements					
Total Calcium (Ca)	mg/L	18	18	0.1	771748
Total Potassium (K)	mg/L	0.8	0.8	0.1	771748
Total Magnesium (Mg)	mg/L	1.1	1.1	0.1	771748
Total Sodium (Na)	mg/L	9.5	9.6	0.1	771748
Total Phosphorus (P)	mg/L	ND	ND	0.2	771748
Calculated Parameters					
Nitrate (N)	mg/L	ND		0.05	767758

ND = Not detected
QC Batch = Quality Control Batch
Please check for attached comments

Maxxam Job #: A558048
Report Date: 2005/07/07

Earth-Water Concepts Inc
Client Project #:
Project name:
Sampler Initials:

GENERAL COMMENTS

Sample G82431-01: Phosphorus: Elevated Detection Limit = 0.2 mg/L due to method performance.

Poor RPD for copper due to sample inhomogeneity.

RCAp Ion Balance acceptable. Anion / Cation agreement within 0.2 meq/L.

Results relate only to the items tested.

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report

Maxxam Job Number: DA558048

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
767658	MLB	MATRIX SPIKE	Total Organic Carbon (C)	2005/06/27		113	%	75 - 125
		QC STANDARD	Total Organic Carbon (C)	2005/06/27		96	%	80 - 120
		Spiked Blank	Total Organic Carbon (C)	2005/06/27		107	%	75 - 125
		Method Blank	Total Organic Carbon (C)	2005/06/27	ND, DL=0.5		mg/L	
		RPD	Total Organic Carbon (C)	2005/06/27	20.0		%	25
767749	JAR	RPD	Dissolved Hardness (CaCO3)	2005/06/27	3.7		%	N/A
767752	JAR	RPD	Ion Balance (% Difference)	2005/06/27	0.2		%	N/A
767755	JAR	RPD	Anion Sum	2005/06/27	1.1		%	N/A
			Cation Sum	2005/06/27	0.9		%	N/A
767758	JAR	RPD	Nitrate (N)	2005/06/27	NC		%	25
767761	JAR	RPD	Langelier Index (@ 20C)	2005/06/27	NC		%	N/A
			Saturation pH (@ 20C)	2005/06/27	NC		%	N/A
767764	JAR	RPD	Langelier Index (@ 4C)	2005/06/27	NC		%	N/A
			Saturation pH (@ 4C)	2005/06/27	NC		%	N/A
767767	JAR	RPD	Calculated TDS	2005/06/27	0.1		%	N/A
770225	JKI	RPD	Bicarb. Alkalinity (calc. as CaCO3)	2005/06/30	NC		%	N/A
			Carb. Alkalinity (calc. as CaCO3)	2005/06/30	NC		%	N/A
770401	ARS	QC STANDARD	pH	2005/06/30		102	%	80 - 120
		Method Blank	pH	2005/06/30	1.47		pH	
		RPD	pH	2005/06/30	0.3		%	25
770409	ARS	QC STANDARD	Conductivity	2005/06/30		100	%	80 - 120
		Method Blank	Conductivity	2005/06/30	1.5		uS/cm	
		RPD	Conductivity	2005/06/30	0.4		%	25
770447	KBA	MATRIX SPIKE	Total Alkalinity (Total as CaCO3)	2005/06/30		111	%	80 - 120
		QC STANDARD	Total Alkalinity (Total as CaCO3)	2005/06/30		105	%	80 - 120
		Spiked Blank	Total Alkalinity (Total as CaCO3)	2005/06/30		108	%	80 - 120
		Method Blank	Total Alkalinity (Total as CaCO3)	2005/06/30	ND, DL=5		mg/L	
		RPD	Total Alkalinity (Total as CaCO3)	2005/06/30	0.4		%	25
770538	ARS	QC STANDARD	Turbidity	2005/06/30		98	%	80 - 120
		Method Blank	Turbidity	2005/06/30	<0.1		NTU	
		RPD	Turbidity	2005/06/30	5.0		%	25
770562	KBA	MATRIX SPIKE	Reactive Silica (SiO2)	2005/06/30		77	%	75 - 125
		QC STANDARD	Reactive Silica (SiO2)	2005/06/30		99	%	75 - 125
		Spiked Blank	Reactive Silica (SiO2)	2005/06/30		102	%	75 - 125
		Method Blank	Reactive Silica (SiO2)	2005/06/30	ND, DL=0.5		mg/L	
		RPD	Reactive Silica (SiO2)	2005/06/30	0.3		%	25
770605	KBA	QC STANDARD	Colour	2005/06/30		89	%	80 - 120
		Method Blank	Colour	2005/06/30	ND, DL=5		TCU	
		RPD	Colour	2005/06/30	NC		%	25
770645	KBA	MATRIX SPIKE	Dissolved Chloride (Cl)	2005/06/30		115	%	80 - 120
		QC STANDARD	Dissolved Chloride (Cl)	2005/06/30		108	%	80 - 120
		Spiked Blank	Dissolved Chloride (Cl)	2005/06/30		103	%	80 - 120
		Method Blank	Dissolved Chloride (Cl)	2005/06/30	ND, DL=1		mg/L	
		RPD	Dissolved Chloride (Cl)	2005/06/30	NC		%	25
770699	KBA	MATRIX SPIKE	Orthophosphate (P)	2005/06/30		102	%	80 - 120
		QC STANDARD	Orthophosphate (P)	2005/06/30		101	%	80 - 120
		Spiked Blank	Orthophosphate (P)	2005/06/30		109	%	80 - 120
		RPD	Orthophosphate (P)	2005/06/30	NC		%	25
770852	KBA	MATRIX SPIKE	Dissolved Sulphate (SO4)	2005/06/30		119	%	80 - 120
		QC STANDARD	Dissolved Sulphate (SO4)	2005/06/30		98	%	80 - 120
		Spiked Blank	Dissolved Sulphate (SO4)	2005/06/30		102	%	80 - 120
		Method Blank	Dissolved Sulphate (SO4)	2005/06/30	ND, DL=2		mg/L	
		RPD	Dissolved Sulphate (SO4)	2005/06/30	NC		%	25
771748	CMO	MATRIX SPIKE						
		[G82431-01]	Total Calcium (Ca)	2005/07/04		109	%	80 - 120
			Total Potassium (K)	2005/07/04		108	%	80 - 120

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA558048

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
771748	CMO	MATRIX SPIKE						
		[G82431-01]	Total Magnesium (Mg)	2005/07/04		108	%	80 - 120
			Total Sodium (Na)	2005/07/04		110	%	80 - 120
			Total Phosphorus (P)	2005/07/04		104	%	80 - 120
		QC STANDARD	Total Calcium (Ca)	2005/07/04		116	%	80 - 120
			Total Potassium (K)	2005/07/04		109	%	80 - 120
			Total Magnesium (Mg)	2005/07/04		108	%	80 - 120
			Total Sodium (Na)	2005/07/04		115	%	80 - 120
			Total Phosphorus (P)	2005/07/04		97	%	80 - 120
		Spiked Blank	Total Calcium (Ca)	2005/07/04		105	%	80 - 120
			Total Potassium (K)	2005/07/04		101	%	80 - 120
			Total Magnesium (Mg)	2005/07/04		102	%	80 - 120
			Total Sodium (Na)	2005/07/04		105	%	80 - 120
			Total Phosphorus (P)	2005/07/04		99	%	80 - 120
		Method Blank	Total Calcium (Ca)	2005/07/04	ND, DL=0.1		mg/L	
			Total Potassium (K)	2005/07/04	ND, DL=0.1		mg/L	
			Total Magnesium (Mg)	2005/07/04	ND, DL=0.1		mg/L	
			Total Sodium (Na)	2005/07/04	ND, DL=0.1		mg/L	
			Total Phosphorus (P)	2005/07/04	ND, DL=0.1		mg/L	
		RPD	Total Calcium (Ca)	2005/07/04	0.8		%	25
			Total Potassium (K)	2005/07/04	2.2		%	25
			Total Magnesium (Mg)	2005/07/04	1.0		%	25
			Total Sodium (Na)	2005/07/04	0.8		%	25
			Total Phosphorus (P)	2005/07/04	NC		%	25
772189	MCN	MATRIX SPIKE	Nitrogen (Ammonia Nitrogen)	2005/07/04		103	%	80 - 120
		QC STANDARD	Nitrogen (Ammonia Nitrogen)	2005/07/04		96	%	80 - 120
		Spiked Blank	Nitrogen (Ammonia Nitrogen)	2005/07/04		97	%	80 - 120
		Method Blank	Nitrogen (Ammonia Nitrogen)	2005/07/04	ND, DL=0.05		mg/L	
		RPD	Nitrogen (Ammonia Nitrogen)	2005/07/04	NC		%	25
772533	MCN	MATRIX SPIKE	Nitrate + Nitrite	2005/07/04		110	%	80 - 120
		QC STANDARD	Nitrate + Nitrite	2005/07/04		101	%	80 - 120
		Spiked Blank	Nitrate + Nitrite	2005/07/04		104	%	80 - 120
		Method Blank	Nitrate + Nitrite	2005/07/04	ND, DL=0.05		mg/L	
		RPD	Nitrate + Nitrite	2005/07/04	NC		%	25
772538	MCN	MATRIX SPIKE	Nitrite (N)	2005/07/04		118	%	80 - 120
		QC STANDARD	Nitrite (N)	2005/07/04		88	%	80 - 120
		Spiked Blank	Nitrite (N)	2005/07/04		102	%	80 - 120
		Method Blank	Nitrite (N)	2005/07/04	ND, DL=0.01		mg/L	
		RPD	Nitrite (N)	2005/07/04	NC		%	25
773395	JRH	MATRIX SPIKE	Total Aluminum (Al)	2005/07/05		!!70	%	80 - 120
			Total Antimony (Sb)	2005/07/05		105	%	80 - 120
			Total Arsenic (As)	2005/07/05		108	%	80 - 120
			Total Barium (Ba)	2005/07/05		92	%	80 - 120
			Total Beryllium (Be)	2005/07/05		106	%	80 - 120
			Total Bismuth (Bi)	2005/07/05		108	%	80 - 120
			Total Boron (B)	2005/07/05		95	%	80 - 120
			Total Cadmium (Cd)	2005/07/05		102	%	80 - 120
			Total Chromium (Cr)	2005/07/05		101	%	80 - 120
			Total Cobalt (Co)	2005/07/05		102	%	80 - 120
			Total Copper (Cu)	2005/07/05		93	%	80 - 120
			Total Iron (Fe)	2005/07/05		!!42	%	80 - 120
			Total Lead (Pb)	2005/07/05		106	%	80 - 120
			Total Manganese (Mn)	2005/07/05		!!38	%	80 - 120
			Total Molybdenum (Mo)	2005/07/05		108	%	80 - 120
			Total Nickel (Ni)	2005/07/05		99	%	80 - 120
			Total Selenium (Se)	2005/07/05		103	%	80 - 120

Earth-Water Concepts Inc
Attention: RICHARD GAGNE
Client Project #:
P.O. #:
Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA558048

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
773395 JRH	MATRIX SPIKE	Total Silver (Ag)	2005/07/05		95	%	80 - 120
		Total Strontium (Sr)	2005/07/05		!!79	%	80 - 120
		Total Thallium (Tl)	2005/07/05		104	%	80 - 120
		Total Tin (Sn)	2005/07/05		93	%	80 - 120
		Total Titanium (Ti)	2005/07/05		107	%	80 - 120
		Total Uranium (U)	2005/07/05		111	%	80 - 120
		Total Vanadium (V)	2005/07/05		107	%	80 - 120
		Total Zinc (Zn)	2005/07/05		89	%	80 - 120
	QC STANDARD	Total Aluminum (Al)	2005/07/05		101	%	80 - 120
		Total Antimony (Sb)	2005/07/05		101	%	80 - 120
		Total Arsenic (As)	2005/07/05		100	%	80 - 120
		Total Barium (Ba)	2005/07/05		93	%	80 - 120
		Total Beryllium (Be)	2005/07/05		106	%	80 - 120
		Total Boron (B)	2005/07/05		103	%	80 - 120
		Total Cadmium (Cd)	2005/07/05		103	%	80 - 120
		Total Chromium (Cr)	2005/07/05		102	%	80 - 120
		Total Cobalt (Co)	2005/07/05		105	%	80 - 120
		Total Copper (Cu)	2005/07/05		101	%	80 - 120
		Total Iron (Fe)	2005/07/05		105	%	80 - 120
		Total Lead (Pb)	2005/07/05		112	%	80 - 120
		Total Manganese (Mn)	2005/07/05		103	%	80 - 120
		Total Molybdenum (Mo)	2005/07/05		99	%	80 - 120
		Total Nickel (Ni)	2005/07/05		101	%	80 - 120
		Total Selenium (Se)	2005/07/05		102	%	80 - 120
		Total Strontium (Sr)	2005/07/05		98	%	80 - 120
		Total Thallium (Tl)	2005/07/05		104	%	80 - 120
		Total Uranium (U)	2005/07/05		111	%	80 - 120
		Total Vanadium (V)	2005/07/05		102	%	80 - 120
		Total Zinc (Zn)	2005/07/05		100	%	80 - 120
	Spiked Blank	Total Aluminum (Al)	2005/07/05		110	%	80 - 120
		Total Antimony (Sb)	2005/07/05		100	%	80 - 120
		Total Arsenic (As)	2005/07/05		96	%	80 - 120
		Total Barium (Ba)	2005/07/05		100	%	80 - 120
		Total Beryllium (Be)	2005/07/05		108	%	80 - 120
		Total Bismuth (Bi)	2005/07/05		113	%	80 - 120
		Total Boron (B)	2005/07/05		106	%	80 - 120
		Total Cadmium (Cd)	2005/07/05		97	%	80 - 120
		Total Chromium (Cr)	2005/07/05		102	%	80 - 120
		Total Cobalt (Co)	2005/07/05		101	%	80 - 120
		Total Copper (Cu)	2005/07/05		101	%	80 - 120
		Total Iron (Fe)	2005/07/05		111	%	80 - 120
		Total Lead (Pb)	2005/07/05		107	%	80 - 120
		Total Manganese (Mn)	2005/07/05		103	%	80 - 120
		Total Molybdenum (Mo)	2005/07/05		99	%	80 - 120
		Total Nickel (Ni)	2005/07/05		102	%	80 - 120
		Total Selenium (Se)	2005/07/05		94	%	80 - 120
		Total Silver (Ag)	2005/07/05		97	%	80 - 120
		Total Strontium (Sr)	2005/07/05		99	%	80 - 120
		Total Thallium (Tl)	2005/07/05		107	%	80 - 120
		Total Tin (Sn)	2005/07/05		101	%	80 - 120
		Total Titanium (Ti)	2005/07/05		101	%	80 - 120
		Total Uranium (U)	2005/07/05		107	%	80 - 120
		Total Vanadium (V)	2005/07/05		102	%	80 - 120
		Total Zinc (Zn)	2005/07/05		95	%	80 - 120
	Method Blank	Total Aluminum (Al)	2005/07/05	ND, DL=10		ug/L	
		Total Antimony (Sb)	2005/07/05	ND, DL=2		ug/L	

Earth-Water Concepts Inc
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Quality Assurance Report (Continued)

Maxxam Job Number: DA558048

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
773395	JRH	Method Blank	Total Arsenic (As)	2005/07/05	ND, DL=2		ug/L	
			Total Barium (Ba)	2005/07/05	ND, DL=5		ug/L	
			Total Beryllium (Be)	2005/07/05	ND, DL=2		ug/L	
			Total Bismuth (Bi)	2005/07/05	ND, DL=2		ug/L	
			Total Boron (B)	2005/07/05	ND, DL=5		ug/L	
			Total Cadmium (Cd)	2005/07/05	ND, DL=0.3		ug/L	
			Total Chromium (Cr)	2005/07/05	ND, DL=2		ug/L	
			Total Cobalt (Co)	2005/07/05	ND, DL=1		ug/L	
			Total Copper (Cu)	2005/07/05	ND, DL=2		ug/L	
			Total Iron (Fe)	2005/07/05	ND, DL=50		ug/L	
			Total Lead (Pb)	2005/07/05	ND, DL=0.5		ug/L	
			Total Manganese (Mn)	2005/07/05	ND, DL=2		ug/L	
			Total Molybdenum (Mo)	2005/07/05	ND, DL=2		ug/L	
			Total Nickel (Ni)	2005/07/05	ND, DL=2		ug/L	
			Total Selenium (Se)	2005/07/05	ND, DL=2		ug/L	
			Total Silver (Ag)	2005/07/05	ND, DL=0.5		ug/L	
			Total Strontium (Sr)	2005/07/05	ND, DL=5		ug/L	
			Total Thallium (Tl)	2005/07/05	ND, DL=0.1		ug/L	
			Total Tin (Sn)	2005/07/05	ND, DL=2		ug/L	
			Total Titanium (Ti)	2005/07/05	ND, DL=2		ug/L	
			Total Uranium (U)	2005/07/05	ND, DL=0.1		ug/L	
			Total Vanadium (V)	2005/07/05	ND, DL=2		ug/L	
			Total Zinc (Zn)	2005/07/05	ND, DL=5		ug/L	
		RPD	Total Aluminum (Al)	2005/07/05	NC		%	25
			Total Antimony (Sb)	2005/07/05	NC		%	25
			Total Arsenic (As)	2005/07/05	NC		%	25
			Total Barium (Ba)	2005/07/05	NC		%	25
			Total Beryllium (Be)	2005/07/05	NC		%	25
			Total Bismuth (Bi)	2005/07/05	NC		%	25
			Total Boron (B)	2005/07/05	NC		%	25
			Total Cadmium (Cd)	2005/07/05	NC		%	25
			Total Chromium (Cr)	2005/07/05	NC		%	25
			Total Cobalt (Co)	2005/07/05	NC		%	25
			Total Copper (Cu)	2005/07/05	!!	25.2	%	25
			Total Iron (Fe)	2005/07/05	0.2		%	25
			Total Lead (Pb)	2005/07/05	NC		%	25
			Total Manganese (Mn)	2005/07/05	1.2		%	25
			Total Molybdenum (Mo)	2005/07/05	NC		%	25
			Total Nickel (Ni)	2005/07/05	NC		%	25
			Total Selenium (Se)	2005/07/05	NC		%	25
			Total Silver (Ag)	2005/07/05	NC		%	25
			Total Strontium (Sr)	2005/07/05	0.8		%	25
			Total Thallium (Tl)	2005/07/05	NC		%	25
			Total Tin (Sn)	2005/07/05	NC		%	25
			Total Titanium (Ti)	2005/07/05	NC		%	25
			Total Uranium (U)	2005/07/05	NC		%	25
			Total Vanadium (V)	2005/07/05	NC		%	25
			Total Zinc (Zn)	2005/07/05	NC		%	25

ND = Not detected
N/A = Not Applicable
NC = Non-calculable
RPD = Relative Percent Difference
QC Standard = Quality Control Standard
SPIKE = Fortified sample