

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	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	1	2005/04/26	2005/04/27	9110_1_4	Based on Atl. PIRI
ModTPH (T1) Calc. for Soil ①	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 ①	7	N/A	2005/04/27	2015_1_2	Based on EPA310.2
Alkalinity ①	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) ①	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 ①	3	N/A	2005/04/27	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrate + Nitrite ①	8	N/A	2005/04/28	2115_1_2	Based on EPA 353.1
Nitrogen - Nitrite ①	11	N/A	2005/04/27	2125_1_1	Based on USEPA 354.1
Nitrogen - Nitrate (as N) ①	11	N/A	2005/04/25	SOP 2130_1_1	Based on ASTM D3867
pH ①	10	N/A	2005/04/25	1007_1_1/1011_1_2	Based on EPA150.1
pH ①	1	N/A	2005/04/27	1007_1_1/1011_1_2	Based on EPA150.1
Phosphorus - ortho ①	10	N/A	2005/04/28	2165_1_1	Based on USEPA 365.1
Phosphorus - ortho ①	1	N/A	2005/05/03	2165_1_1	Based on USEPA 365.1
VPH in Water (PIRI) ①	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 ①	11	N/A	2005/04/27	2185_1_1	Based on EPA 366.0
Sulphate ①	11	N/A	2005/04/29	4065_1_2	Based on EPA 375.4

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

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Attention: RICHARD GAGNE

Report Date: 2005/05/06

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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) @	11	N/A	2005/04/25	2020_1_3	Based on SM 5310C
ModTPH (T1) Calc. for Water @	1	N/A	N/A		Based on Atl. PIRI
ModTPH (T1) Calc. for Water @	10	N/A	2005/04/29		Based on Atl. PIRI
Turbidity @	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

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

This document is in electronic format, hard copy is available on request.

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

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Earth-Water Concepts Inc
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 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

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 Report Date: 2005/05/06

Earth-Water Concepts Inc
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 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
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Earth-Water Concepts Inc
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 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
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 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							

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Earth-Water Concepts Inc
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 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

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 Report Date: 2005/05/06

Earth-Water Concepts Inc
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 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

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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

CHLOROENZENES								
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

CHLOROENZENES								
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

CHLOROENZENES						
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
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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

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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
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Quality Assurance Report

Maxxam Job Number: DA532028

QA/QC Batch	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		

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Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	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				

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Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	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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Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits		
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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Earth-Water Concepts Inc
 Attention: RICHARD GAGNE
 Client Project #:
 P.O. #:
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits		
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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Earth-Water Concepts Inc
 Attention: RICHARD GAGNE
 Client Project #:
 P.O. #:
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Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
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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Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

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

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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		
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	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	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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 Attention: RICHARD GAGNE
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 P.O. #:
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
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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Earth-Water Concepts Inc
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 Client Project #:
 P.O. #:
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits		
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		
	Method Blank	Xylene (Total)	2005/04/27		83	%	60 - 140		
		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		
	RPD	C6 - C10 (less BTEX)	2005/04/27	ND, DL=3			mg/kg		
		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		
	Method Blank	Xylene (Total)	2005/04/28		125	%	70 - 130		
		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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Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
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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 Attention: RICHARD GAGNE
 Client Project #:
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 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
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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Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: DA532028

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

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