

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue
Baton Rouge, LA 70820

Report Date 10/18/2010

GCAL Report 210100408



Deliver To Michael Pisani & Associates
1100 Poydras St
Suite 1430
New Orleans, LA 70163
504-582-2468

Attn Jonathan Miller

Project East White Lake 07-47

CASE NARRATIVE

Client: Michael Pisani & Associates **Report:** 210100408

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the TX 1006/LA 1006 analysis, the recovery for the surrogate is above the upper control limit for sample 21010040808 (HP-MPA-07-T). No target TPH ranges were detected in the sample; therefore the data is reportable.

METALS

In the SW-846 6010B (Dissolved and Total Metals) analysis, samples 21010040802 (HP-MPA-02-T), 21010040810 (HP-MPA-08-T), and 21010040811 (HP-MPA-09-T) had to be diluted to bracket the concentration of a target analyte within the linear dynamic range of the instrument.

In the SW-846 6010B analysis for prep batch 442963, the MS recovery is not applicable for Calcium, Iron and Magnesium because the sample concentration is greater than four times the spike concentration. The Sample/Duplicate RPD for Selenium is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 6010B analysis for prep batch 442882, the Sample/Duplicate RPD for Selenium and Lead is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 7010 analysis for prep batch 442970, the Sample/Duplicate RPD for Arsenic is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 6010B analysis for prep batch 442882, the Sample/Duplicate RPD for Lead and Selenium is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the SW-846 7470A analysis for prep batch 443536, the MS recovery is outside the control limits for Mercury. The LCS recovery is acceptable. This indicates the analysis is in control and the sample is affected by matrix interference.

Several Dissolved Metals concentration is greater than total concentration in several samples. This is attributed to separate aliquots of sample.

CONVENTIONALS

In the EPA 375.4 analysis, samples 21010040802 (HP-MPA-02-T) and 21010040811 (HP-MPA-09-T) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

In the SM 4500 CL E Chloride analysis, samples 21010040801 (HP-MPA-01-T), 21010040802 (HP-MPA-02-T), 21010040803 (HP-MPA-02-I), 21010040804 (HP-MPA-03-T), 21010040805 (HP-MPA-04-T), 21010040806 (HP-MPA-05-T), 21010040807 (HP-MPA-06-T), 21010040808 (HP-MPA-07-T), 21010040809 (HP-MPA-07-T DUP), 21010040810 (HP-MPA-08-T), 21010040811 (HP-MPA-09-T) and 21010040812 (HP-MPA-10-T) had to be diluted in order to bracket the concentration within the calibration

range of the instrument.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Robyn Miguez
Technical Director
GCAL REPORT 210100408

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040801	HP-MPA-01-T	Water	09/29/2010 10:20	10/04/2010 08:56
21010040802	HP-MPA-02-T	Water	09/29/2010 15:50	10/04/2010 08:56
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56
21010040804	HP-MPA-03-T	Water	09/30/2010 09:50	10/04/2010 08:56
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56
21010040807	HP-MPA-06-T	Water	09/30/2010 17:00	10/04/2010 08:56
21010040808	HP-MPA-07-T	Water	10/01/2010 08:30	10/04/2010 08:56
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56
21010040810	HP-MPA-08-T	Water	10/01/2010 13:45	10/04/2010 08:56
21010040811	HP-MPA-09-T	Water	10/01/2010 15:45	10/04/2010 08:56
21010040812	HP-MPA-10-T	Water	10/01/2010 18:00	10/04/2010 08:56
21010040813	TRIP BLANK	Water		10/04/2010 08:56

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040801	HP-MPA-01-T	Water	09/29/2010 10:20	10/04/2010 08:56

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	0.00609	0.005		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	690	1.0		mg/L CaCO3

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	2.04	0.010		mg/L
7440-70-2	Calcium	228	0.10		mg/L
7440-47-3	Chromium	0.071	0.010		mg/L
7439-89-6	Iron	29.1	0.10		mg/L
7439-92-1	Lead	0.016	0.015		mg/L
7439-95-4	Magnesium	80.1	0.10		mg/L
7439-96-5	Manganese	0.78	0.015		mg/L
7440-09-7	Potassium	7.17	0.50		mg/L
7440-23-5	Sodium	495	1.00		mg/L
7440-24-6	Strontium	1.87	0.050		mg/L
7440-66-6	Zinc	0.087	0.020		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	2110	10.0		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	928	50.0		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.45	0.010		mg/L
7440-70-2	Calcium	233	0.10		mg/L
7439-89-6	Iron	9.69	0.10		mg/L
7439-95-4	Magnesium	79.4	0.10		mg/L
7439-96-5	Manganese	0.53	0.015		mg/L
7440-09-7	Potassium	5.43	0.50		mg/L
7440-23-5	Sodium	477	1.00		mg/L
7440-24-6	Strontium	1.87	0.050		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040802	HP-MPA-02-T	Water	09/29/2010 15:50	10/04/2010 08:56

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	4060	10.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.43	0.010		mg/L
7440-70-2	Calcium	70.1	0.10		mg/L
7439-89-6	Iron	7.75	0.10		mg/L
7439-95-4	Magnesium	158	0.10		mg/L
7439-96-5	Manganese	0.85	0.015		mg/L
7440-09-7	Potassium	46.4	0.50		mg/L
7440-24-6	Strontium	1.06	0.050		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1360	5.00		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.31	0.010		mg/L
7440-70-2	Calcium	65.8	0.10		mg/L
7439-89-6	Iron	0.57	0.10		mg/L
7439-95-4	Magnesium	152	0.10		mg/L
7439-96-5	Manganese	0.67	0.015		mg/L
7440-09-7	Potassium	44.4	0.50		mg/L
7440-24-6	Strontium	1.0	0.050		mg/L
7440-66-6	Zinc	0.039	0.020		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1330	5.00		mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	0.00764	0.005		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	2130	50.0		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040802	HP-MPA-02-T	Water	09/29/2010 15:50	10/04/2010 08:56

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	53.9	10.0		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	224	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	641	20.0		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1260	10.0		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.99	0.010		mg/L
7440-70-2	Calcium	123	0.10		mg/L
7439-89-6	Iron	4.67	0.10		mg/L
7439-95-4	Magnesium	45.9	0.10		mg/L
7439-96-5	Manganese	0.28	0.015		mg/L
7440-09-7	Potassium	4.76	0.50		mg/L
7440-23-5	Sodium	352	1.00		mg/L
7440-24-6	Strontium	0.91	0.050		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	352	1.0		mg/L CaCO3

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.50	0.010		mg/L
7440-70-2	Calcium	124	0.10		mg/L
7440-47-3	Chromium	0.045	0.010		mg/L
7439-89-6	Iron	16.3	0.10		mg/L
7439-95-4	Magnesium	47.4	0.10		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-96-5	Manganese	0.49	0.015		mg/L
7440-09-7	Potassium	5.99	0.50		mg/L
7440-23-5	Sodium	379	1.00		mg/L
7440-24-6	Strontium	0.97	0.050		mg/L
7440-66-6	Zinc	0.037	0.020		mg/L

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	0.00574	0.005		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040804	HP-MPA-03-T	Water	09/30/2010 09:50	10/04/2010 08:56

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.69	0.010		mg/L
7440-70-2	Calcium	131	0.10		mg/L
7439-89-6	Iron	3.27	0.10		mg/L
7439-95-4	Magnesium	54.7	0.10		mg/L
7439-96-5	Manganese	0.37	0.015		mg/L
7440-09-7	Potassium	5.54	0.50		mg/L
7440-23-5	Sodium	472	1.00		mg/L
7440-24-6	Strontium	0.92	0.050		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1820	10.0		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	801	20.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.13	0.010		mg/L
7440-70-2	Calcium	145	0.10		mg/L
7440-47-3	Chromium	0.059	0.010		mg/L
7439-89-6	Iron	16.7	0.10		mg/L
7439-95-4	Magnesium	59.0	0.10		mg/L
7439-96-5	Manganese	0.53	0.015		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040804	HP-MPA-03-T	Water	09/30/2010 09:50	10/04/2010 08:56

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-09-7	Potassium	6.48	0.50		mg/L
7440-23-5	Sodium	525	1.00		mg/L
7440-24-6	Strontium	1.02	0.050		mg/L
7440-66-6	Zinc	0.14	0.020		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	384	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.30	0.010		mg/L
7440-70-2	Calcium	198	0.10		mg/L
7440-47-3	Chromium	0.074	0.010		mg/L
7439-89-6	Iron	27.4	0.10		mg/L
7439-92-1	Lead	0.027	0.015		mg/L
7439-95-4	Magnesium	65.1	0.10		mg/L
7439-96-5	Manganese	0.86	0.015		mg/L
7440-09-7	Potassium	7.57	0.50		mg/L
7440-23-5	Sodium	482	1.00		mg/L
7440-24-6	Strontium	1.35	0.050		mg/L
7440-66-6	Zinc	0.091	0.020		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	447	1.0		mg/L CaCO3

SW-846 7010 Arsenic

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	0.010	0.010		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	817	20.0		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1660	10.0		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.84	0.010		mg/L
7440-70-2	Calcium	170	0.10		mg/L
7439-89-6	Iron	4.50	0.10		mg/L
7439-95-4	Magnesium	62.6	0.10		mg/L
7439-96-5	Manganese	0.50	0.015		mg/L
7440-09-7	Potassium	6.01	0.50		mg/L
7440-23-5	Sodium	451	1.00		mg/L
7440-24-6	Strontium	1.24	0.050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1680	10.0		mg/L

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	21.7	5.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.51	0.010		mg/L
7440-70-2	Calcium	113	0.10		mg/L
7439-89-6	Iron	2.60	0.10		mg/L
7439-95-4	Magnesium	56.8	0.10		mg/L
7439-96-5	Manganese	0.49	0.015		mg/L
7440-09-7	Potassium	7.53	0.50		mg/L
7440-23-5	Sodium	508	1.00		mg/L
7440-24-6	Strontium	0.90	0.050		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	831	20.0		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	345	1.0		mg/L CaCO3

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.52	0.010		mg/L
7440-70-2	Calcium	119	0.10		mg/L
7439-89-6	Iron	1.98	0.10		mg/L
7439-95-4	Magnesium	59.8	0.10		mg/L
7439-96-5	Manganese	0.50	0.015		mg/L
7440-09-7	Potassium	7.55	0.50		mg/L
7440-23-5	Sodium	479	1.00		mg/L
7440-24-6	Strontium	0.90	0.050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040807	HP-MPA-06-T	Water	09/30/2010 17:00	10/04/2010 08:56

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	330	1.0		mg/L CaCO3

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	16.4	5.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.21	0.010		mg/L
7440-70-2	Calcium	202	0.10		mg/L
7440-47-3	Chromium	0.014	0.010		mg/L
7439-89-6	Iron	6.88	0.10		mg/L
7439-95-4	Magnesium	74.1	0.10		mg/L
7439-96-5	Manganese	0.60	0.015		mg/L
7440-09-7	Potassium	5.84	0.50		mg/L
7440-23-5	Sodium	457	1.00		mg/L
7440-24-6	Strontium	1.37	0.050		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	957	20.0		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040807	HP-MPA-06-T	Water	09/30/2010 17:00	10/04/2010 08:56

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1920	10.0		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.86	0.010		mg/L
7440-70-2	Calcium	206	0.10		mg/L
7439-89-6	Iron	1.93	0.10		mg/L
7439-95-4	Magnesium	77.8	0.10		mg/L
7439-96-5	Manganese	0.52	0.015		mg/L
7440-09-7	Potassium	5.53	0.50		mg/L
7440-23-5	Sodium	463	1.00		mg/L
7440-24-6	Strontium	1.37	0.050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040808	HP-MPA-07-T	Water	10/01/2010 08:30	10/04/2010 08:56

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	410	1.0		mg/L CaCO3

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.61	0.010		mg/L
7440-70-2	Calcium	107	0.10		mg/L
7440-47-3	Chromium	0.029	0.010		mg/L
7439-89-6	Iron	11.1	0.10		mg/L
7439-95-4	Magnesium	51.8	0.10		mg/L
7439-96-5	Manganese	0.50	0.015		mg/L
7440-09-7	Potassium	5.19	0.50		mg/L
7440-23-5	Sodium	495	1.00		mg/L
7440-24-6	Strontium	0.82	0.050		mg/L
7440-66-6	Zinc	0.053	0.020		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1570	10.0		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	808	20.0		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040808	HP-MPA-07-T	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.49	0.010		mg/L
7440-70-2	Calcium	104	0.10		mg/L
7439-89-6	Iron	2.60	0.10		mg/L
7439-95-4	Magnesium	50.4	0.10		mg/L
7439-96-5	Manganese	0.40	0.015		mg/L
7440-09-7	Potassium	4.11	0.50		mg/L
7440-23-5	Sodium	491	1.00		mg/L
7440-24-6	Strontium	0.78	0.050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	817	20.0		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1810	10.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.63	0.010		mg/L
7440-70-2	Calcium	107	0.10		mg/L
7440-47-3	Chromium	0.033	0.010		mg/L
7439-89-6	Iron	13.0	0.10		mg/L
7439-95-4	Magnesium	52.1	0.10		mg/L
7439-96-5	Manganese	0.51	0.015		mg/L
7440-09-7	Potassium	5.70	0.50		mg/L
7440-23-5	Sodium	490	1.00		mg/L
7440-24-6	Strontium	0.82	0.050		mg/L
7440-66-6	Zinc	0.053	0.020		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	476	1.0		mg/L CaCO3

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.50	0.010		mg/L
7440-70-2	Calcium	105	0.10		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-89-6	Iron	2.51	0.10		mg/L
7439-95-4	Magnesium	50.4	0.10		mg/L
7439-96-5	Manganese	0.40	0.015		mg/L
7440-09-7	Potassium	4.07	0.50		mg/L
7440-23-5	Sodium	472	1.00		mg/L
7440-24-6	Strontium	0.79	0.050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040810	HP-MPA-08-T	Water	10/01/2010 13:45	10/04/2010 08:56

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
108-88-3	Toluene	0.00577	0.005		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	1520	50.0		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	603	1.0		mg/L CaCO3

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	10.1	5.0		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	2.17	0.010		mg/L
7440-70-2	Calcium	238	0.10		mg/L
7439-89-6	Iron	5.25	0.10		mg/L
7439-95-4	Magnesium	104	0.10		mg/L
7439-96-5	Manganese	0.49	0.015		mg/L
7440-09-7	Potassium	12.9	0.50		mg/L
7440-24-6	Strontium	2.21	0.050		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1730	5.00		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040810	HP-MPA-08-T	Water	10/01/2010 13:45	10/04/2010 08:56

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	3090	10.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	2.04	0.010		mg/L
7440-70-2	Calcium	223	0.10		mg/L
7439-89-6	Iron	7.19	0.10		mg/L
7439-95-4	Magnesium	97.7	0.10		mg/L
7439-96-5	Manganese	0.47	0.015		mg/L
7440-09-7	Potassium	12.0	0.50		mg/L
7440-24-6	Strontium	2.07	0.050		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1700	5.00		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040811	HP-MPA-09-T	Water	10/01/2010 15:45	10/04/2010 08:56

SW-846 8260B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	0.00508	0.005		mg/L
108-88-3	Toluene	0.00646	0.005		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	4520	10.0		mg/L

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.62	0.010		mg/L
7440-70-2	Calcium	178	0.10		mg/L
7439-89-6	Iron	3.57	0.10		mg/L
7439-95-4	Magnesium	112	0.10		mg/L
7439-96-5	Manganese	0.76	0.015		mg/L
7440-09-7	Potassium	18.6	0.50		mg/L
7440-24-6	Strontium	2.68	0.050		mg/L

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040811	HP-MPA-09-T	Water	10/01/2010 15:45	10/04/2010 08:56

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1140	5.00		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.59	0.010		mg/L
7440-70-2	Calcium	170	0.10		mg/L
7439-89-6	Iron	5.92	0.10		mg/L
7439-95-4	Magnesium	106	0.10		mg/L
7439-96-5	Manganese	0.76	0.015		mg/L
7440-09-7	Potassium	18.2	0.50		mg/L
7440-24-6	Strontium	2.57	0.050		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1410	5.00		mg/L

EPA 375.4 Sulfate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	69.1	10.0		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	2350	50.0		mg/L

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	270	1.0		mg/L CaCO3

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040812	HP-MPA-10-T	Water	10/01/2010 18:00	10/04/2010 08:56

SM 2320B Bicarbonate

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	426	1.0		mg/L CaCO3

SW-846 6010B Dissolved

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.02	0.010		mg/L
7440-70-2	Calcium	146	0.10		mg/L
7439-89-6	Iron	2.11	0.10		mg/L
7439-95-4	Magnesium	52.7	0.10		mg/L
7439-96-5	Manganese	0.31	0.015		mg/L
7440-09-7	Potassium	5.35	0.50		mg/L
7440-23-5	Sodium	485	1.00		mg/L
7440-24-6	Strontium	1.24	0.050		mg/L

SM 4500 CL E Chloride

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	850	20.0		mg/L

SW-846 6010B

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.42	0.010		mg/L
7440-70-2	Calcium	185	0.10		mg/L
7440-47-3	Chromium	0.081	0.010		mg/L
7439-89-6	Iron	34.7	0.10		mg/L
7439-92-1	Lead	0.032	0.015		mg/L
7439-95-4	Magnesium	59.7	0.10		mg/L
7439-96-5	Manganese	0.92	0.015		mg/L
7440-09-7	Potassium	8.17	0.50		mg/L
7440-23-5	Sodium	472	1.00		mg/L
7440-24-6	Strontium	1.35	0.050		mg/L
7440-66-6	Zinc	0.12	0.020		mg/L

SM 2540C TDS

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1680	10.0		mg/L

SW-846 7010 Arsenic

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	0.032	0.010		mg/L

GCAL ID 21010040801	Client ID HP-MPA-01-T	Matrix Water	Collect Date/Time 09/29/2010 10:20	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/04/2010 15:00	RJU	442960

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	0.00609	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	93	78 - 130
1868-53-7	Dibromofluoromethane	.05	.054	mg/L	107	77 - 127
2037-26-5	Toluene d8	.05	.053	mg/L	106	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.052	mg/L	104	71 - 127

LA1006 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/07/2010 09:00	443181	TNRCC 1006/LA 1006	1	10/11/2010 12:57	SMH	443397

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.8	17.8	mg/L	106	60 - 140

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 12:55	443536	SW-846 7470A Dissolved	1	10/13/2010 17:28	CLB	443520

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040801	HP-MPA-01-T	Water	09/29/2010 10:20	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:06	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:03	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 16:02	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	2.04	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	228	0.10		mg/L
7440-47-3	Chromium	0.071	0.010		mg/L
7439-89-6	Iron	29.1	0.10		mg/L
7439-92-1	Lead	0.016	0.015		mg/L
7439-95-4	Magnesium	80.1	0.10		mg/L
7439-96-5	Manganese	0.78	0.015		mg/L
7440-09-7	Potassium	7.17	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	495	1.00		mg/L
7440-24-6	Strontium	1.87	0.050		mg/L
7440-66-6	Zinc	0.087	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 13:52	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.45	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	233	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	9.69	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	79.4	0.10		mg/L
7439-96-5	Manganese	0.53	0.015		mg/L
7440-09-7	Potassium	5.43	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040801	HP-MPA-01-T	Water	09/29/2010 10:20	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 13:52	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	477	1.00		mg/L
7440-24-6	Strontium	1.87	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/05/2010 18:22	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	2110	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	10/05/2010 14:00	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	928	50.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	690	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040801	HP-MPA-01-T	Water	09/29/2010 10:20	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:03	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID 21010040802	Client ID HP-MPA-02-T	Matrix Water	Collect Date/Time 09/29/2010 15:50	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date 10/04/2010 15:24	Prep Batch 442960	Prep Method	Dilution 1	Analyzed 10/04/2010 15:24	By RJU	Analytical Batch 442960
--------------------------------------	-----------------------------	--------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	0.00764	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	91	78 - 130
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	106	77 - 127
2037-26-5	Toluene d8	.05	.052	mg/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	108	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/09/2010 21:03	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16	15	mg/L	94	60 - 140

SW-846 7470A Dissolved

Prep Date 10/13/2010 12:55	Prep Batch 443536	Prep Method SW-846 7470A Dissolved	Dilution 1	Analyzed 10/13/2010 17:38	By CLB	Analytical Batch 443520
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040802	HP-MPA-02-T	Water	09/29/2010 15:50	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:12	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 14:51	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:14	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.43	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	70.1	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	7.75	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	158	0.10		mg/L
7439-96-5	Manganese	0.85	0.015		mg/L
7440-09-7	Potassium	46.4	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-24-6	Strontium	1.06	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	5	10/05/2010 18:55	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1360	5.00		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:00	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.31	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040802	HP-MPA-02-T	Water	09/29/2010 15:50	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:00	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-70-2	Calcium	65.8	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	0.57	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	152	0.10		mg/L
7439-96-5	Manganese	0.67	0.015		mg/L
7440-09-7	Potassium	44.4	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-24-6	Strontium	1.0	0.050		mg/L
7440-66-6	Zinc	0.039	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	5	10/05/2010 18:47	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1330	5.00		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/05/2010 18:28	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	4060	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	10/05/2010 14:03	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	2130	50.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040802	HP-MPA-02-T	Water	09/29/2010 15:50	10/04/2010 08:56

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058
CAS#	Parameter		Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity		ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058
CAS#	Parameter		Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity		224	1.0		mg/L CaCO3

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	10/06/2010 09:04	JEM	443056
CAS#	Parameter		Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate		53.9	10.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/04/2010 15:48	RJU	442960

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	0.00574	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	91	78 - 130
1868-53-7	Dibromofluoromethane	.05	.056	mg/L	112	77 - 127
2037-26-5	Toluene d8	.05	.051	mg/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	109	71 - 127

LA1006 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/07/2010 09:00	443181	TNRCC 1006/LA 1006	1	10/09/2010 22:00	SMH	443374

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.1	12.3	mg/L	77	60 - 140

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 12:55	443536	SW-846 7470A Dissolved	1	10/13/2010 17:40	CLB	443520

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:18	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:04	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:20	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.50	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	124	0.10		mg/L
7440-47-3	Chromium	0.045	0.010		mg/L
7439-89-6	Iron	16.3	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	47.4	0.10		mg/L
7439-96-5	Manganese	0.49	0.015		mg/L
7440-09-7	Potassium	5.99	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	379	1.00		mg/L
7440-24-6	Strontium	0.97	0.050		mg/L
7440-66-6	Zinc	0.037	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:07	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.99	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	123	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	4.67	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	45.9	0.10		mg/L
7439-96-5	Manganese	0.28	0.015		mg/L
7440-09-7	Potassium	4.76	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:07	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	352	1.00		mg/L
7440-24-6	Strontium	0.91	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/05/2010 18:34	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1260	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:03	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	641	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	352	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040803	HP-MPA-02-I	Water	09/29/2010 16:40	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:05	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID 21010040804	Client ID HP-MPA-03-T	Matrix Water	Collect Date/Time 09/30/2010 09:50	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/04/2010 16:11	RJU	442960

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	90	78 - 130
1868-53-7	Dibromofluoromethane	.05	.056	mg/L	111	77 - 127
2037-26-5	Toluene d8	.05	.052	mg/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	107	71 - 127

LA1006 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/07/2010 09:00	443181	TNRCC 1006/LA 1006	1	10/09/2010 23:56	SMH	443374

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.7	13.1	mg/L	78	60 - 140

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 12:55	443536	SW-846 7470A Dissolved	1	10/13/2010 17:41	CLB	443520

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040804	HP-MPA-03-T	Water	09/30/2010 09:50	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:37	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:06	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:27	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.13	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	145	0.10		mg/L
7440-47-3	Chromium	0.059	0.010		mg/L
7439-89-6	Iron	16.7	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	59.0	0.10		mg/L
7439-96-5	Manganese	0.53	0.015		mg/L
7440-09-7	Potassium	6.48	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	525	1.00		mg/L
7440-24-6	Strontium	1.02	0.050		mg/L
7440-66-6	Zinc	0.14	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:15	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.69	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	131	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	3.27	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	54.7	0.10		mg/L
7439-96-5	Manganese	0.37	0.015		mg/L
7440-09-7	Potassium	5.54	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040804	HP-MPA-03-T	Water	09/30/2010 09:50	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:15	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	472	1.00		mg/L
7440-24-6	Strontium	0.92	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 15:34	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1820	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:04	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	801	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	384	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040804	HP-MPA-03-T	Water	09/30/2010 09:50	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:06	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/04/2010 16:35	RJU	442960

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.047	mg/L	93	78 - 130
1868-53-7	Dibromofluoromethane	.05	.055	mg/L	111	77 - 127
2037-26-5	Toluene d8	.05	.054	mg/L	108	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	109	71 - 127

LA1006 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/07/2010 09:00	443181	TNRCC 1006/LA 1006	1	10/10/2010 00:54	SMH	443374

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16	13.5	mg/L	85	60 - 140

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 12:55	443536	SW-846 7470A Dissolved	1	10/13/2010 17:43	CLB	443520

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:43	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:07	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:34	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.30	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	198	0.10		mg/L
7440-47-3	Chromium	0.074	0.010		mg/L
7439-89-6	Iron	27.4	0.10		mg/L
7439-92-1	Lead	0.027	0.015		mg/L
7439-95-4	Magnesium	65.1	0.10		mg/L
7439-96-5	Manganese	0.86	0.015		mg/L
7440-09-7	Potassium	7.57	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	482	1.00		mg/L
7440-24-6	Strontium	1.35	0.050		mg/L
7440-66-6	Zinc	0.091	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:23	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.84	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	170	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	4.50	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	62.6	0.10		mg/L
7439-96-5	Manganese	0.50	0.015		mg/L
7440-09-7	Potassium	6.01	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:23	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	451	1.00		mg/L
7440-24-6	Strontium	1.24	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 16:25	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	0.010	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1660	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:05	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	817	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	447	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040805	HP-MPA-04-T	Water	09/30/2010 12:30	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:07	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/04/2010 16:58	RJU	442960

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	91	78 - 130
1868-53-7	Dibromofluoromethane	.05	.055	mg/L	111	77 - 127
2037-26-5	Toluene d8	.05	.053	mg/L	107	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.056	mg/L	112	71 - 127

LA1006 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/07/2010 09:00	443181	TNRCC 1006/LA 1006	1	10/10/2010 01:53	SMH	443374

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.8	12.4	mg/L	74	60 - 140

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 12:55	443536	SW-846 7470A Dissolved	1	10/13/2010 17:44	CLB	443520

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 15:36	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:09	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:41	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.51	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	113	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	2.60	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	56.8	0.10		mg/L
7439-96-5	Manganese	0.49	0.015		mg/L
7440-09-7	Potassium	7.53	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	508	1.00		mg/L
7440-24-6	Strontium	0.90	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:31	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.52	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	119	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	1.98	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	59.8	0.10		mg/L
7439-96-5	Manganese	0.50	0.015		mg/L
7440-09-7	Potassium	7.55	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:31	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	479	1.00		mg/L
7440-24-6	Strontium	0.90	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/05/2010 17:51	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1680	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:06	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	831	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	345	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040806	HP-MPA-05-T	Water	09/30/2010 14:40	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:08	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	21.7	5.0		mg/L

GCAL ID 21010040807	Client ID HP-MPA-06-T	Matrix Water	Collect Date/Time 09/30/2010 17:00	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 02:51	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	90	78 - 130
1868-53-7	Dibromofluoromethane	.05	.056	mg/L	111	77 - 127
2037-26-5	Toluene d8	.05	.051	mg/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	108	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 02:51	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16	10.3	mg/L	64	60 - 140

SW-846 7470A Dissolved

Prep Date 10/13/2010 12:55	Prep Batch 443536	Prep Method SW-846 7470A Dissolved	Dilution 1	Analyzed 10/13/2010 17:46	By CLB	Analytical Batch 443520
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040807	HP-MPA-06-T	Water	09/30/2010 17:00	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:49	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:10	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:50	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.21	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	202	0.10		mg/L
7440-47-3	Chromium	0.014	0.010		mg/L
7439-89-6	Iron	6.88	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	74.1	0.10		mg/L
7439-96-5	Manganese	0.60	0.015		mg/L
7440-09-7	Potassium	5.84	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	457	1.00		mg/L
7440-24-6	Strontium	1.37	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:39	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.86	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	206	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	1.93	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	77.8	0.10		mg/L
7439-96-5	Manganese	0.52	0.015		mg/L
7440-09-7	Potassium	5.53	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040807	HP-MPA-06-T	Water	09/30/2010 17:00	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:39	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	463	1.00		mg/L
7440-24-6	Strontium	1.37	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 16:31	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1920	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:09	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	957	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	330	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040807	HP-MPA-06-T	Water	09/30/2010 17:00	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:09	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	16.4	5.0		mg/L

GCAL ID 21010040808	Client ID HP-MPA-07-T	Matrix Water	Collect Date/Time 10/01/2010 08:30	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date 10/04/2010 17:45	Prep Batch 442960	Prep Method	Dilution 1	Analyzed 10/04/2010 17:45	By SLR	Analytical Batch 442960
--------------------------------------	-----------------------------	--------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.044	mg/L	88	78 - 130
1868-53-7	Dibromofluoromethane	.05	.056	mg/L	112	77 - 127
2037-26-5	Toluene d8	.05	.052	mg/L	103	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	109	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 03:50	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	12.6	18.8	mg/L	150*	60 - 140

SW-846 7470A Dissolved

Prep Date 10/13/2010 12:55	Prep Batch 443536	Prep Method SW-846 7470A Dissolved	Dilution 1	Analyzed 10/13/2010 17:47	By CLB	Analytical Batch 443520
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040808	HP-MPA-07-T	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 16:55	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:12	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 17:57	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.61	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	107	0.10		mg/L
7440-47-3	Chromium	0.029	0.010		mg/L
7439-89-6	Iron	11.1	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	51.8	0.10		mg/L
7439-96-5	Manganese	0.50	0.015		mg/L
7440-09-7	Potassium	5.19	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	495	1.00		mg/L
7440-24-6	Strontium	0.82	0.050		mg/L
7440-66-6	Zinc	0.053	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:47	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.49	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	104	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	2.60	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	50.4	0.10		mg/L
7439-96-5	Manganese	0.40	0.015		mg/L
7440-09-7	Potassium	4.11	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040808	HP-MPA-07-T	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:47	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	491	1.00		mg/L
7440-24-6	Strontium	0.78	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 17:00	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1570	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:10	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	808	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	410	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040808	HP-MPA-07-T	Water	10/01/2010 08:30	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:09	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/04/2010 18:08	SLR	442960

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	91	78 - 130
1868-53-7	Dibromofluoromethane	.05	.055	mg/L	110	77 - 127
2037-26-5	Toluene d8	.05	.05	mg/L	100	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	110	71 - 127

LA1006 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/07/2010 09:00	443181	TNRCC 1006/LA 1006	1	10/10/2010 05:48	SMH	443374

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.1	13.1	mg/L	81	60 - 140

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 12:55	443536	SW-846 7470A Dissolved	1	10/13/2010 17:49	CLB	443520

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 17:01	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:17	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 18:18	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.63	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	107	0.10		mg/L
7440-47-3	Chromium	0.033	0.010		mg/L
7439-89-6	Iron	13.0	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	52.1	0.10		mg/L
7439-96-5	Manganese	0.51	0.015		mg/L
7440-09-7	Potassium	5.70	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	490	1.00		mg/L
7440-24-6	Strontium	0.82	0.050		mg/L
7440-66-6	Zinc	0.053	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:55	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	0.50	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	105	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	2.51	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	50.4	0.10		mg/L
7439-96-5	Manganese	0.40	0.015		mg/L
7440-09-7	Potassium	4.07	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 14:55	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	472	1.00		mg/L
7440-24-6	Strontium	0.79	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 15:58	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1810	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:11	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	817	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	476	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040809	HP-MPA-07-T DUP	Water	10/01/2010 08:30	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:10	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID 21010040810	Client ID HP-MPA-08-T	Matrix Water	Collect Date/Time 10/01/2010 13:45	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date 10/04/2010 18:32	Prep Batch 442960	Prep Method	Dilution 1	Analyzed 10/04/2010 18:32	By SLR	Analytical Batch 442960
--------------------------------------	-----------------------------	--------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	0.00577	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	91	78 - 130
1868-53-7	Dibromofluoromethane	.05	.055	mg/L	111	77 - 127
2037-26-5	Toluene d8	.05	.051	mg/L	102	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	107	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 06:48	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.2	14.1	mg/L	87	60 - 140

SW-846 7470A Dissolved

Prep Date 10/13/2010 12:55	Prep Batch 443536	Prep Method SW-846 7470A Dissolved	Dilution 1	Analyzed 10/13/2010 17:50	By CLB	Analytical Batch 443520
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040810	HP-MPA-08-T	Water	10/01/2010 13:45	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 17:07	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:18	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 18:25	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	2.04	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	223	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	7.19	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	97.7	0.10		mg/L
7439-96-5	Manganese	0.47	0.015		mg/L
7440-09-7	Potassium	12.0	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-24-6	Strontium	2.07	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	5	10/05/2010 19:11	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1700	5.00		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 15:03	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	2.17	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040810	HP-MPA-08-T	Water	10/01/2010 13:45	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 15:03	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-70-2	Calcium	238	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	5.25	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	104	0.10		mg/L
7439-96-5	Manganese	0.49	0.015		mg/L
7440-09-7	Potassium	12.9	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-24-6	Strontium	2.21	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	5	10/05/2010 19:03	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1730	5.00		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 16:07	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	3090	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	10/05/2010 14:12	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	1520	50.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040810	HP-MPA-08-T	Water	10/01/2010 13:45	10/04/2010 08:56

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058
CAS#	Parameter		Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity		ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058
CAS#	Parameter		Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity		603	1.0		mg/L CaCO3

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:11	JEM	443056
CAS#	Parameter		Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate		10.1	5.0		mg/L

GCAL ID 21010040811	Client ID HP-MPA-09-T	Matrix Water	Collect Date/Time 10/01/2010 15:45	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date 10/04/2010 18:55	Prep Batch 442960	Prep Method SLR	Dilution 1	Analyzed 10/04/2010 18:55	By SLR	Analytical Batch 442960
--------------------------------------	-----------------------------	---------------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	0.00508	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	0.00646	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	92	78 - 130
1868-53-7	Dibromofluoromethane	.05	.054	mg/L	108	77 - 127
2037-26-5	Toluene d8	.05	.052	mg/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.055	mg/L	109	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 07:47	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.1	10.3	mg/L	64	60 - 140

SW-846 7470A Dissolved

Prep Date 10/13/2010 12:55	Prep Batch 443536	Prep Method SW-846 7470A Dissolved	Dilution 1	Analyzed 10/13/2010 17:55	By CLB	Analytical Batch 443520
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040811	HP-MPA-09-T	Water	10/01/2010 15:45	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 17:13	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:20	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 18:33	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.59	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	170	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	5.92	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	106	0.10		mg/L
7439-96-5	Manganese	0.76	0.015		mg/L
7440-09-7	Potassium	18.2	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-24-6	Strontium	2.57	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	5	10/06/2010 09:56	TEA	443107

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1410	5.00		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 15:25	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.62	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040811	HP-MPA-09-T	Water	10/01/2010 15:45	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 15:25	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-70-2	Calcium	178	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	3.57	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	112	0.10		mg/L
7439-96-5	Manganese	0.76	0.015		mg/L
7440-09-7	Potassium	18.6	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-24-6	Strontium	2.68	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	5	10/06/2010 09:48	TEA	443107

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	1140	5.00		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 16:13	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	4520	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	10/05/2010 14:13	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	2350	50.0		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040811	HP-MPA-09-T	Water	10/01/2010 15:45	10/04/2010 08:56

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058
CAS#	Parameter		Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity		ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058
CAS#	Parameter		Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity		270	1.0		mg/L CaCO3

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	10/06/2010 09:25	JEM	443056
CAS#	Parameter		Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate		69.1	10.0		mg/L

GCAL ID 21010040812	Client ID HP-MPA-10-T	Matrix Water	Collect Date/Time 10/01/2010 18:00	Receive Date/Time 10/04/2010 08:56
-------------------------------	---------------------------------	------------------------	--	--

SW-846 8260B

Prep Date 10/04/2010 19:18	Prep Batch 442960	Prep Method	Dilution 1	Analyzed 10/04/2010 19:18	By SLR	Analytical Batch 442960
--------------------------------------	-----------------------------	--------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.045	mg/L	90	78 - 130
1868-53-7	Dibromofluoromethane	.05	.053	mg/L	105	77 - 127
2037-26-5	Toluene d8	.05	.052	mg/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.051	mg/L	103	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 08:46	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.3	16.3	mg/L	100	60 - 140

SW-846 7470A Dissolved

Prep Date 10/13/2010 12:55	Prep Batch 443536	Prep Method SW-846 7470A Dissolved	Dilution 1	Analyzed 10/13/2010 17:57	By CLB	Analytical Batch 443520
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040812	HP-MPA-10-T	Water	10/01/2010 18:00	10/04/2010 08:56

SW-846 7010 Arsenic Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:50	442970	SW-846 3020A Dissolved	1	10/05/2010 17:19	CNB	443044

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	ND	0.010		mg/L

SW-846 7470A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/13/2010 13:30	443535	SW-846 7470A	1	10/14/2010 15:22	CLB	443591

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7439-97-6	Mercury	ND	0.00020		mg/L

SW-846 6010B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442963	SW-846 3010A	1	10/05/2010 18:40	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.42	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	185	0.10		mg/L
7440-47-3	Chromium	0.081	0.010		mg/L
7439-89-6	Iron	34.7	0.10		mg/L
7439-92-1	Lead	0.032	0.015		mg/L
7439-95-4	Magnesium	59.7	0.10		mg/L
7439-96-5	Manganese	0.92	0.015		mg/L
7440-09-7	Potassium	8.17	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L
7440-23-5	Sodium	472	1.00		mg/L
7440-24-6	Strontium	1.35	0.050		mg/L
7440-66-6	Zinc	0.12	0.020		mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 15:32	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-39-3	Barium	1.02	0.010		mg/L
7440-43-9	Cadmium	ND	0.0050		mg/L
7440-70-2	Calcium	146	0.10		mg/L
7440-47-3	Chromium	ND	0.010		mg/L
7439-89-6	Iron	2.11	0.10		mg/L
7439-92-1	Lead	ND	0.015		mg/L
7439-95-4	Magnesium	52.7	0.10		mg/L
7439-96-5	Manganese	0.31	0.015		mg/L
7440-09-7	Potassium	5.35	0.50		mg/L
7782-49-2	Selenium	ND	0.040		mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040812	HP-MPA-10-T	Water	10/01/2010 18:00	10/04/2010 08:56

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 16:15	442882	SW-846 3005 Dissolved	1	10/05/2010 15:32	CNB	443036

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-23-5	Sodium	485	1.00		mg/L
7440-24-6	Strontium	1.24	0.050		mg/L
7440-66-6	Zinc	ND	0.020		mg/L

SW-846 7010 Arsenic

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
10/04/2010 15:50	442968	SW-846 3020A	1	10/06/2010 17:06	TEA	443127

CAS#	Parameter	Result	RDL	REG LIMIT	Units
7440-38-2	Arsenic	0.032	0.010		mg/L

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/05/2010 13:00	DJH	442992

CAS#	Parameter	Result	RDL	REG LIMIT	Units
WET-035	Total Dissolved Solids(TDS)	1680	10.0		mg/L

SM 4500 CL E Chloride

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	10/05/2010 14:14	AEL	443045

CAS#	Parameter	Result	RDL	REG LIMIT	Units
16887-00-6	Chloride	850	20.0		mg/L

SM 2320B Carbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-C	Carbonate Alkalinity	ND	1.0		mg/L CaCO3

SM 2320B Bicarbonate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 10:41	JEM	443058

CAS#	Parameter	Result	RDL	REG LIMIT	Units
T-005-B	Bicarbonate Alkalinity	426	1.0		mg/L CaCO3

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21010040812	HP-MPA-10-T	Water	10/01/2010 18:00	10/04/2010 08:56

EPA 375.4 Sulfate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	10/06/2010 09:26	JEM	443056

CAS#	Parameter	Result	RDL	REG LIMIT	Units
14808-79-8	Sulfate	ND	5.0		mg/L

GCAL ID 21010040813	Client ID TRIP BLANK	Matrix Water	Collect Date/Time	Receive Date/Time 10/04/2010 08:56
-------------------------------	--------------------------------	------------------------	--------------------------	--

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 10/04/2010 14:37	By RJU	Analytical Batch 442960
------------------	-------------------	--------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
71-43-2	Benzene	ND	0.005		mg/L
100-41-4	Ethylbenzene	ND	0.005		mg/L
108-88-3	Toluene	ND	0.005		mg/L
1330-20-7	Xylene (total)	ND	0.01		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.05	.046	mg/L	92	78 - 130
1868-53-7	Dibromofluoromethane	.05	.056	mg/L	111	77 - 127
2037-26-5	Toluene d8	.05	.052	mg/L	104	76 - 134
17060-07-0	1,2-Dichloroethane-d4	.05	.054	mg/L	107	71 - 127

LA1006 Hydrocarbons by Range

Prep Date 10/07/2010 09:00	Prep Batch 443181	Prep Method TNRCC 1006/LA 1006	Dilution 1	Analyzed 10/10/2010 09:45	By SMH	Analytical Batch 443374
--------------------------------------	-----------------------------	--	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
GCSV-02-11	Aliphatic >C10-C12	ND	0.150		mg/L
GCSV-02-12	Aliphatic >C12-C16	ND	0.150		mg/L
GCSV-02-31	Aliphatic >C16-C35	ND	0.150		mg/L
GCSV-02-10	Aliphatic >C8-C10	ND	0.150		mg/L
GCSV-02-30	Aliphatic C6-C8	ND	0.150		mg/L
GCSV-02-15	Aromatic >C10-C12	ND	0.150		mg/L
GCSV-02-16	Aromatic >C12-C16	ND	0.150		mg/L
GCSV-02-17	Aromatic >C16-C21	ND	0.150		mg/L
GCSV-05-18	Aromatic >C21-C35	ND	0.150		mg/L
GCSV-02-14	Aromatic >C8-C10	ND	0.150		mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16.7	15	mg/L	90	60 - 140

GC/MS Volatiles Quality Control Summary

Analytical Batch 442960 Prep Batch N/A		Client ID MB442960 GCAL ID 883106 Sample Type Method Blank Analytical Date 10/04/2010 14:14 Matrix Water			LCS442960 883107 LCS 10/04/2010 12:41 Water			LCSD442960 883108 LCSD 10/04/2010 13:27 Water			
SW-846 8260B		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
100-41-4	Ethylbenzene	ND	0.005	0.050	0.046	92	74 - 126	0.047	94	2	30
1330-20-7	Xylene (total)	ND	0.01	0.150	0.134	89	74 - 127	0.136	91	1	30
71-43-2	Benzene	ND	0.005	0.050	0.052	104	70 - 129	0.051	103	2	20
108-88-3	Toluene	ND	0.005	0.050	0.050	99	72 - 120	0.050	100	0	20
Surrogate											
460-00-4	4-Bromofluorobenzene	45	90	50	51	102	78 - 130	51.3	103		
1868-53-7	Dibromofluoromethane	54.6	109	50	53.6	107	77 - 127	50.8	102		
2037-26-5	Toluene d8	52.5	105	50	43.6	87	76 - 134	44.9	90		
17060-07-0	1,2-Dichloroethane-d4	54.7	109	50	53	106	71 - 127	51.3	103		

General Chromatography Quality Control Summary

Analytical Batch 443374 Prep Batch 443181 Prep Method TNRCC 1006/LA 1006		Client ID MB443181 GCAL ID 884195 Sample Type Method Blank Prep Date 10/07/2010 09:00 Analytical Date 10/09/2010 13:56 Matrix Water		LCS443181 884196 LCS 10/07/2010 09:00 10/09/2010 14:53 Water			LCSD443181 884197 LCSD 10/07/2010 09:00 10/09/2010 15:51 Water				
LA1006 Hydrocarbons by Range		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
GCSV-02-30	Aliphatic C6-C8	ND	0.150								
GCSV-02-10	Aliphatic >C8-C10	ND	0.150								
GCSV-02-11	Aliphatic >C10-C12	ND	0.150								
GCSV-02-12	Aliphatic >C12-C16	ND	0.150								
GCSV-02-31	Aliphatic >C16-C35	ND	0.150								
GCSV-02-14	Aromatic >C8-C10	ND	0.150								
GCSV-02-15	Aromatic >C10-C12	ND	0.150								
GCSV-02-16	Aromatic >C12-C16	ND	0.150								
GCSV-02-17	Aromatic >C16-C21	ND	0.150								
GCSV-05-18	Aromatic >C21-C35	ND	0.150								
GCSV-05-04	Total TPH (C6-C35)	ND	0.150	64.5	52.5	81	60 - 140	57.4	83	9	20
Surrogate											
84-15-1	o-Terphenyl	11200	70	16100	11700	73	60 - 140	12300	71		

Inorganics Quality Control Summary

Analytical Batch 443520 Prep Batch 443536 Prep Method SW-846 7470A	Client ID MB443536 GCAL ID 886135 Sample Type Method Blank Prep Date 10/13/2010 12:55 Analytical Date 10/13/2010 17:25 Matrix Water	LCS443536 886136 LCS 10/13/2010 12:55 10/13/2010 17:27 Water					
SW-846 7470A Dissolved		Units mg/L Result ND RDL 0.00020	Spike Added 0.00500	Result 0.00449	% R 90	Control Limits % R 80 - 120	
7439-97-6	Mercury	ND	0.00020	0.00500	0.00449	90	80 - 120

Analytical Batch 443520 Prep Batch 443536 Prep Method SW-846 7470A	Client ID HP-MPA-01-T GCAL ID 21010040801 Sample Type SAMPLE Prep Date 10/13/2010 12:55 Analytical Date 10/13/2010 17:28 Matrix Water	883050MS 886138 MS 10/13/2010 12:55 10/13/2010 17:32 Water					
SW-846 7470A Dissolved		Units mg/L Result 0.00000 RDL 0.00020	Spike Added 0.00500	Result 0.00369	% R 74*	Control Limits % R 75 - 125	
7439-97-6	Mercury	0.00000	0.00020	0.00500	0.00369	74*	75 - 125

Analytical Batch 443520 Prep Batch 443536 Prep Method SW-846 7470A	Client ID HP-MPA-01-T GCAL ID 21010040801 Sample Type SAMPLE Prep Date 10/13/2010 12:55 Analytical Date 10/13/2010 17:28 Matrix Water	883050DUP 886137 DUP 10/13/2010 12:55 10/13/2010 17:30 Water				
SW-846 7470A Dissolved		Units mg/L Result 0.00000 RDL 0.00020	Result 0.00000	RPD 0	RPD Limit 20	
7439-97-6	Mercury	0.00000	0.00020	0.00000	0	20

Inorganics Quality Control Summary

Analytical Batch 443044 Prep Batch 442970 Prep Method SW-846 3020A	Client ID MB442970 GCAL ID 883161 Sample Type Method Blank Prep Date 10/04/2010 16:50 Analytical Date 10/05/2010 15:24 Matrix Water	LCS442970 883162 LCS 10/04/2010 16:50 10/05/2010 15:30 Water
SW-846 7010 Arsenic Dissolved		
Units mg/L Result RDL	Spike Added	Result % R Control Limits % R
7440-38-2 Arsenic ND 0.010	0.040	0.034 86 80 - 120

Analytical Batch 443044 Prep Batch 442970 Prep Method SW-846 3020A	Client ID HP-MPA-05-T GCAL ID 21010040806 Sample Type SAMPLE Prep Date ORA-00933: SQL command not properly ended 93342000 Analytical Date ORA-00936: missing expression 93642000 Matrix Water	883058MS 883164 MS 10/04/2010 16:50 10/05/2010 15:48 Water
SW-846 7010 Arsenic Dissolved		
Units mg/L Result RDL	Spike Added	Result % R Control Limits % R
7440-38-2 Arsenic 0.0031 0.010	0.040	0.046 107 75 - 125

Analytical Batch 443044 Prep Batch 442970 Prep Method SW-846 3020A	Client ID HP-MPA-05-T GCAL ID 21010040806 Sample Type SAMPLE Prep Date ORA-00933: SQL command not properly ended 93342000 Analytical Date ORA-00936: missing expression 93642000 Matrix Water	883058DUP 883163 DUP 10/04/2010 16:50 10/05/2010 15:42 Water
SW-846 7010 Arsenic Dissolved		
Units mg/L Result RDL	Result	RPD Limit
7440-38-2 Arsenic 0.0031 0.010	0.0041	28* 20

Inorganics Quality Control Summary

Analytical Batch 443591 Prep Batch 443535 Prep Method SW-846 7470A	Client ID MB443535 GCAL ID 886131 Sample Type Method Blank Prep Date 10/13/2010 13:30 Analytical Date 10/14/2010 14:47 Matrix Water	LCS443535 886132 LCS 10/13/2010 13:30 10/14/2010 14:49 Water					
SW-846 7470A		Units mg/L Result ND	Spike Added 0.00020	Result 0.00509	% R 102	Control Limits % R 80 - 120	
7439-97-6	Mercury	ND	0.00020	0.00500	0.00509	102	80 - 120

Analytical Batch 443591 Prep Batch 443535 Prep Method SW-846 7470A	Client ID HP-MPA-02-T GCAL ID 21010040802 Sample Type SAMPLE Prep Date 10/13/2010 13:30 Analytical Date 10/14/2010 14:51 Matrix Water	883051MS 886175 MS 10/13/2010 13:30 10/14/2010 14:59 Water					
SW-846 7470A		Units mg/L Result 0.00000	Spike Added 0.00020	Result 0.00485	% R 97	Control Limits % R 75 - 125	
7439-97-6	Mercury	0.00000	0.00020	0.00500	0.00485	97	75 - 125

Analytical Batch 443591 Prep Batch 443535 Prep Method SW-846 7470A	Client ID HP-MPA-02-T GCAL ID 21010040802 Sample Type SAMPLE Prep Date 10/13/2010 13:30 Analytical Date 10/14/2010 14:51 Matrix Water	883051DUP 886174 DUP 10/13/2010 13:30 10/14/2010 14:58 Water				
SW-846 7470A		Units mg/L Result 0.00000	Result 0.00000	RPD 0	RPD Limit 20	
7439-97-6	Mercury	0.00000	0.00020	0.00000	0	20

Inorganics Quality Control Summary

Analytical Batch 443036 Prep Batch 442963 Prep Method SW-846 3010A	Client ID MB442963 GCAL ID 883116 Sample Type Method Blank Prep Date 10/04/2010 15:50 Analytical Date 10/05/2010 15:48 Matrix Water	LCS442963 883117 LCS 10/04/2010 15:50 10/05/2010 15:56 Water				
SW-846 6010B	Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
7440-39-3 Barium	ND	0.010	0.50	0.47	94	80 - 120
7440-43-9 Cadmium	ND	0.0050	0.50	0.47	95	80 - 120
7440-70-2 Calcium	ND	0.10	5.00	4.53	91	80 - 120
7440-47-3 Chromium	ND	0.010	0.50	0.47	94	80 - 120
7439-89-6 Iron	ND	0.10	5.00	4.65	93	80 - 120
7439-92-1 Lead	ND	0.015	0.50	0.47	94	80 - 120
7439-95-4 Magnesium	ND	0.10	5.00	4.75	95	80 - 120
7439-96-5 Manganese	ND	0.015	0.50	0.47	94	80 - 120
7440-09-7 Potassium	ND	0.50	10.0	9.29	93	80 - 120
7782-49-2 Selenium	ND	0.040	0.50	0.47	93	80 - 120
7440-23-5 Sodium	ND	1.00	20.0	19.2	96	80 - 120
7440-24-6 Strontium	ND	0.050	0.50	0.47	93	80 - 120
7440-66-6 Zinc	ND	0.020	0.50	0.46	93	80 - 120

Analytical Batch 443036 Prep Batch 442963 Prep Method SW-846 3010A	Client ID HP-MPA-01-T GCAL ID 21010040801 Sample Type SAMPLE Prep Date 10/04/2010 15:50 Analytical Date 10/05/2010 16:02 Matrix Water	883050MS 883582 MS 10/04/2010 15:50 10/05/2010 16:16 Water				
SW-846 6010B	Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R
7440-39-3 Barium	2.04	0.010	0.50	2.56	104	75 - 125
7440-43-9 Cadmium	0.0	0.0050	0.50	0.46	92	75 - 125
7440-70-2 Calcium	228	0.10	5.00	235	149*	75 - 125
7440-47-3 Chromium	0.071	0.010	0.50	0.54	94	75 - 125
7439-89-6 Iron	29.1	0.10	5.00	37.6	170*	75 - 125
7439-92-1 Lead	0.016	0.015	0.50	0.48	93	75 - 125
7439-95-4 Magnesium	80.1	0.10	5.00	86.7	133*	75 - 125
7439-96-5 Manganese	0.78	0.015	0.50	1.27	97	75 - 125
7440-09-7 Potassium	7.17	0.50	10.0	18.4	112	75 - 125

Inorganics Quality Control Summary

Analytical Batch 443036 Prep Batch 442963 Prep Method SW-846 3010A	Client ID HP-MPA-01-T GCAL ID 21010040801 Sample Type SAMPLE Prep Date 10/04/2010 15:50 Analytical Date 10/05/2010 16:02 Matrix Water	883050MS 883582 MS 10/04/2010 15:50 10/05/2010 16:16 Water				
SW-846 6010B		Units mg/L Result RDL	Spike Added	Result	% R	Control Limits % R
7782-49-2	Selenium	0.0039	0.040	0.50	0.50	98 75 - 125
7440-23-5	Sodium	495	1.00	20.0	516	105 75 - 125
7440-24-6	Strontium	1.87	0.050	0.50	2.41	109 75 - 125
7440-66-6	Zinc	0.087	0.020	0.50	0.57	97 75 - 125

Analytical Batch 443036 Prep Batch 442963 Prep Method SW-846 3010A	Client ID HP-MPA-01-T GCAL ID 21010040801 Sample Type SAMPLE Prep Date 10/04/2010 15:50 Analytical Date 10/05/2010 16:02 Matrix Water	883050DUP 883581 DUP 10/04/2010 15:50 10/05/2010 16:09 Water			
SW-846 6010B		Units mg/L Result RDL	Result	RPD	RPD Limit
7440-39-3	Barium	2.04	0.010	2.05	0.5 20
7440-43-9	Cadmium	0.0	0.0050	0.0	0 20
7440-70-2	Calcium	228	0.10	227	0.4 20
7440-47-3	Chromium	0.071	0.010	0.072	1 20
7439-89-6	Iron	29.1	0.10	28.9	0.7 20
7439-92-1	Lead	0.016	0.015	0.017	6 20
7439-95-4	Magnesium	80.1	0.10	80.1	0 20
7439-96-5	Manganese	0.78	0.015	0.78	0 20
7440-09-7	Potassium	7.17	0.50	7.16	0.1 20
7782-49-2	Selenium	0.0039	0.040	0.0	200* 20
7440-23-5	Sodium	495	1.00	471	5 20
7440-24-6	Strontium	1.87	0.050	1.88	0.5 20
7440-66-6	Zinc	0.087	0.020	0.087	0 20

Inorganics Quality Control Summary

Analytical Batch 443036 Prep Batch 442882 Prep Method SW-846 3005 Dissolved	Client ID MB442882 GCAL ID 882772 Sample Type Method Blank Prep Date 10/04/2010 16:15 Analytical Date 10/05/2010 12:25 Matrix Water	LCS442882 882773 LCS 10/04/2010 16:15 10/05/2010 12:32 Water					
SW-846 6010B Dissolved		Units	mg/L	Spike	Result	% R	Control
		Result	RDL	Added			Limits % R
7440-39-3	Barium	ND	0.010	0.50	0.48	97	80 - 120
7440-43-9	Cadmium	ND	0.0050	0.50	0.50	99	80 - 120
7440-70-2	Calcium	ND	0.10	5.00	4.78	96	80 - 120
7440-47-3	Chromium	ND	0.010	0.50	0.48	96	80 - 120
7439-89-6	Iron	ND	0.10	5.00	4.82	96	80 - 120
7439-92-1	Lead	ND	0.015	0.50	0.49	97	80 - 120
7439-95-4	Magnesium	ND	0.10	5.00	4.89	98	80 - 120
7439-96-5	Manganese	ND	0.015	0.50	0.49	98	80 - 120
7440-09-7	Potassium	ND	0.50	10.0	9.38	94	80 - 120
7782-49-2	Selenium	ND	0.040	0.50	0.51	102	80 - 120
7440-23-5	Sodium	ND	1.00	20.0	18.7	93	80 - 120
7440-24-6	Strontium	ND	0.050	0.50	0.48	95	80 - 120
7440-66-6	Zinc	ND	0.020	0.50	0.50	100	80 - 120

Analytical Batch 443036 Prep Batch 442882 Prep Method SW-846 3005 Dissolved	Client ID MW-1 GCAL ID 21010013401 Sample Type SAMPLE Prep Date 10/04/2010 16:15 Analytical Date 10/05/2010 12:39 Matrix Water	882751MS 882774 MS 10/04/2010 16:15 10/05/2010 12:46 Water					
SW-846 6010B Dissolved		Units	mg/L	Spike	Result	% R	Control
		Result	RDL	Added			Limits % R
7440-39-3	Barium	0.12	0.010	0.50	0.62	100	75 - 125
7440-43-9	Cadmium	0.0	0.0050	0.50	0.50	99	75 - 125
7440-70-2	Calcium	20.2	0.10	5.00	25.7	110	75 - 125
7440-47-3	Chromium	0.0	0.010	0.50	0.49	98	75 - 125
7439-89-6	Iron	2.63	0.10	5.00	7.73	102	75 - 125
7439-92-1	Lead	0.0018	0.015	0.50	0.49	97	75 - 125
7439-95-4	Magnesium	6.31	0.10	5.00	11.6	106	75 - 125
7439-96-5	Manganese	0.25	0.015	0.50	0.76	102	75 - 125
7440-09-7	Potassium	1.52	0.50	10.0	11.3	98	75 - 125

Inorganics Quality Control Summary

Analytical Batch 443036 Prep Batch 442882 Prep Method SW-846 3005 Dissolved	Client ID MW-1 GCAL ID 21010013401 Sample Type SAMPLE Prep Date 10/04/2010 16:15 Analytical Date 10/05/2010 12:39 Matrix Water	882751MS 882774 MS 10/04/2010 16:15 10/05/2010 12:46 Water			
SW-846 6010B Dissolved					
	Units mg/L Result RDL	Spike Added	Result	% R	Control Limits % R
7782-49-2 Selenium	0.0 0.040	0.50	0.52	103	75 - 125
7440-23-5 Sodium	18.3 1.00	20.0	38.7	102	75 - 125
7440-24-6 Strontium	0.25 0.050	0.50	0.75	100	75 - 125
7440-66-6 Zinc	0.0 0.020	0.50	0.53	105	75 - 125

Analytical Batch 443036 Prep Batch 442882 Prep Method SW-846 3005 Dissolved	Client ID MW-1 GCAL ID 21010013401 Sample Type SAMPLE Prep Date 10/04/2010 16:15 Analytical Date 10/05/2010 12:39 Matrix Water	882751DUP 882775 DUP 10/04/2010 16:15 10/05/2010 12:53 Water		
SW-846 6010B Dissolved				
	Units mg/L Result RDL	Result	RPD	RPD Limit
7440-39-3 Barium	0.12 0.010	0.13	8	20
7440-43-9 Cadmium	0.0 0.0050	0.0	0	20
7440-70-2 Calcium	20.2 0.10	21.0	4	20
7440-47-3 Chromium	0.0 0.010	0.0	0	20
7439-89-6 Iron	2.63 0.10	2.77	5	20
7439-92-1 Lead	0.0018 0.015	0.0	200*	20
7439-95-4 Magnesium	6.31 0.10	6.65	5	20
7439-96-5 Manganese	0.25 0.015	0.27	8	20
7440-09-7 Potassium	1.52 0.50	1.61	6	20
7782-49-2 Selenium	0.0 0.040	0.0042	200*	20
7440-23-5 Sodium	18.3 1.00	19.6	7	20
7440-24-6 Strontium	0.25 0.050	0.26	4	20
7440-66-6 Zinc	0.0 0.020	0.0	0	20

Inorganics Quality Control Summary

Analytical Batch 443044 Prep Batch 442968 Prep Method SW-846 3020A	Client ID MB442968 GCAL ID 883154 Sample Type Method Blank Prep Date 10/04/2010 15:50 Analytical Date 10/05/2010 17:39 Matrix Water	LCS442968 883155 LCS 10/04/2010 15:50 10/05/2010 17:45 Water					
SW-846 7010 Arsenic		Units mg/L Result RDL	Spike Added	Result	% R	Control Limits % R	
7440-38-2	Arsenic	ND	0.010	0.040	0.034	84	80 - 120

Analytical Batch 443044 Prep Batch 442968 Prep Method SW-846 3020A	Client ID HP-MPA-05-T GCAL ID 21010040806 Sample Type SAMPLE Prep Date 10/04/2010 16:50 Analytical Date 10/05/2010 15:36 Matrix Water	883058MS 883157 MS 10/04/2010 15:50 10/05/2010 18:04 Water					
SW-846 7010 Arsenic		Units mg/L Result RDL	Spike Added	Result	% R	Control Limits % R	
7440-38-2	Arsenic	0.0031	0.010	0.040	0.039	90	75 - 125

Analytical Batch 443044 Prep Batch 442968 Prep Method SW-846 3020A	Client ID HP-MPA-05-T GCAL ID 21010040806 Sample Type SAMPLE Prep Date 10/04/2010 16:50 Analytical Date 10/05/2010 15:36 Matrix Water	883058DUP 883156 DUP 10/04/2010 15:50 10/05/2010 17:57 Water				
SW-846 7010 Arsenic		Units mg/L Result RDL	Result	RPD	RPD Limit	
7440-38-2	Arsenic	0.0031	0.010	0.0027	14	20

General Chemistry Quality Control Summary

Analytical Batch 442992 Prep Batch N/A	Client ID MB442992 GCAL ID 883325 Sample Type Method Blank Analytical Date 10/05/2010 13:00 Matrix Water	LCS442992 883326 LCS 10/05/2010 13:00 Water				
SM 2540C TDS		Units	mg/L	Spike	Result	Control
		Result	RDL	Added	% R	Limits % R
WET-035	Total Dissolved Solids(TDS)	ND	10.0	1000	954	95.4 80 - 120

Analytical Batch 442992 Prep Batch N/A	Client ID UNOX EFFLUENT GCAL ID 21010042503 Sample Type SAMPLE Analytical Date 10/05/2010 13:00 Matrix Water	883153DUP 883327 DUP 10/05/2010 13:00 Water			
SM 2540C TDS		Units	mg/L	Result	RPD
		Result	RDL	RPD	Limit
WET-035	Total Dissolved Solids(TDS)	2780	10.0	2800	0.72 5

General Chemistry Quality Control Summary

Analytical Batch 443045 Prep Batch N/A	Client ID MB443045 GCAL ID 883528 Sample Type Method Blank Analytical Date 10/05/2010 13:58 Matrix Water	LCS443045 883529 LCS 10/05/2010 13:59 Water
SM 4500 CL E Chloride	Units mg/L Result RDL	Spike Added Result % R Control Limits % R
16887-00-6 Chloride	ND 1.0	60.0 61.6 103 80 - 120

Analytical Batch 443045 Prep Batch N/A	Client ID HP-MPA-01-T GCAL ID 21010040801 Sample Type SAMPLE Analytical Date 10/05/2010 14:00 Matrix Water	883050MS 883530 MS 10/05/2010 14:01 Water	883050MSD 883531 MSD 10/05/2010 14:23 Water
SM 4500 CL E Chloride	Units mg/L Result RDL	Spike Added Result % R Control Limits % R	Result % R RPD RPD Limit
16887-00-6 Chloride	928 50.0	3000 3710 93 75 - 125	3840 97 3 25

Analytical Batch 443045 Prep Batch N/A	Client ID MW-1 GCAL ID 21010013401 Sample Type SAMPLE Analytical Date 10/05/2010 14:24 Matrix Water	882751MS 883532 MS 10/05/2010 14:25 Water	882751MSD 883533 MSD 10/05/2010 14:25 Water
SM 4500 CL E Chloride	Units mg/L Result RDL	Spike Added Result % R Control Limits % R	Result % R RPD RPD Limit
16887-00-6 Chloride	4.9 1.0	60.0 66.3 102 75 - 125	66.1 102 0.3 25

General Chemistry Quality Control Summary

Analytical Batch 443058 Prep Batch N/A	Client ID HP-MPA-08-T GCAL ID 21010040810 Sample Type SAMPLE Analytical Date 10/06/2010 10:41 Matrix Water	883062DUP 883570 DUP 10/06/2010 10:41 Water
SM 2320B Carbonate	Units mg/L CaCO3 Result RDL	Result RPD RPD Limit
T-005-B Bicarbonate Alkalinity	603 1.0	606 0.5 11
T-005-C Carbonate Alkalinity	0.00 1.0	0.00 0 11

General Chemistry Quality Control Summary

Analytical Batch 443056 Prep Batch N/A	Client ID MB443056 GCAL ID 883560 Sample Type Method Blank Analytical Date 10/06/2010 08:39 Matrix Water	LCS443056 883561 LCS 10/06/2010 08:41 Water				
EPA 375.4 Sulfate		Units	mg/L	Spike	Result	Control
		Result	RDL	Added		Limits % R
14808-79-8	Sulfate	ND	5.0	20.0	20.9	105 80 - 120

Analytical Batch 443056 Prep Batch N/A	Client ID MW-100 GCAL ID 21010013404 Sample Type SAMPLE Analytical Date 10/06/2010 08:45 Matrix Water	882754MS 883565 MS 10/06/2010 08:46 Water				
EPA 375.4 Sulfate		Units	mg/L	Spike	Result	Control
		Result	RDL	Added		Limits % R
14808-79-8	Sulfate	7.0	5.0	20.0	29.4	112 75 - 125

Analytical Batch 443056 Prep Batch N/A	Client ID MW-100 GCAL ID 21010013404 Sample Type SAMPLE Analytical Date 10/06/2010 08:45 Matrix Water	882754DUP 883564 DUP 10/06/2010 08:45 Water				
EPA 375.4 Sulfate		Units	mg/L	Result	RPD	RPD
		Result	RDL		Limit	
14808-79-8	Sulfate	7.0	5.0	7.1	1	25

CHAIN OF CUSTODY RECORD

Lab use only
 Michael Pisani + Assoc
 Client Name
 4271
 Client #
 210100408
 Workorder #
 10/5/10
 Due Date

Report to:
 Michael Pisani + Assoc.
 Address: 100 Perdros St. Suite 1430
 BOULDER 70163
 Contact: Jon Miller
 Phone: (504) 582-2468
 Fax: jpmiller@ix.netcom.com

Bill to:
 Client:
 Address:
 Contact: SAME
 Phone:
 Fax:

Project Name/Number
 07-47 East White Lake
 Sampled By: PMR + JQM
 Analytical Requests & Method
 Total/Dissolved Mercury
 TPH Fractions 1006
 BTEX
 Sulfate
 Metals (Cd, Cr, Cu, Pb, Hg, Mn, Ni, Se, Zn, As)
 PCBs, TDS, Inorganic Phosphate, Nitrate
 Lab use only:
 Custody Seal used yes no
 in fact yes no
 Temperature °C 1.2° 4.7°

Matrix	Date	Time (2400)	Sample Description	Preservatives	No. Containers	Remarks	Lab ID
W	9/29/10	1030	HP-MPA-01-T	NO Hg, DMS	9		-01
		1550	HP-MPA-02-T				-02
		1610	HP-MPA-02-I				-03
			HP-MPA-02-D				-4
	9/30/10	950	HP-MPA-03-T				-04
		1230	HP-MPA-04-T				-05
		1446	HP-MPA-05-T				-06
		1700	HP-MPA-06-T				-07
	10/10/10	830	HP-MPA-07-T				-08
		830	HP-MPA-07-TDUR				-09
		1345	HP-MPA-08-T				-10
		1545	HP-MPA-09-T				-11
		1800	HP-MPA-10-T				-12
			TRIP BLANK		6		-13

Turn Around Time: 24-48 hrs. 3 days 1 week Other

Requisitioned by: (Signature) *[Signature]* Date: 10/4/10 Time: 0800
 Received by: (Signature) *[Signature]* Date: 10/4/10 Time: 0856

Requisitioned by: (Signature) *[Signature]* Date:
 Received by: (Signature) *[Signature]* Date:
 Note: Contact Jon Miller when samples are received.
 * Field Filtered.
 E-mail results to jpmiller@ix.netcom.com and pml1010@ix.netcom.com
 By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.