Well Record Sampling Sheets

MACTEC

MACTEC Engineering and Consulting, Inc.
3301 Atlantic Avenue
Raleigh, North Carolina 27604

OBSERVATION WELL SAMPLING WORKSHEET

OBSERVATION WELL ID:	**OW-2169 U**	MACTEC JOB NUMBER:	**6468-07-1777**
PROJECT:	**Exelon COL Project**	SITE: **Victoria, Texas**	DATE: **2/18/2008**
MEASURED WELL DEPTH:	**68.70 FT.**	SCREENED INTERVAL: **55-65 FT.**	WELL DIAMETER: **2 IN.**
HEIGHT OF MEASURING POINT ABOVE LAND SURFACE:	**1.87**	CASING MATERIAL:	**PVC**
SAMPLING DEVICE:	**See below**	TUBING TYPE:	**Dedicated, Disposable Tubing**
MEASURING POINT:	**Top of Casing**	DEPTH TO GROUNDWATER:	**38.76**
SAMPLING PERSONNEL:	**K. Rudd**	WATER-COLUMN HEIGHT:	**29.94**

STEEL GUARD PIPE AROUND CASING:	☑	YES	☐	NO		
LOCKING CAP:	☑	YES	☐	NO		
PROTECTIVE POST/ABUTMENT:	☐	YES	☑	NO		
NONPOTABLE LABEL:	☑	YES	☐	NO		
ID PLATE:	☑	YES	☐	NO		
WELL INTEGRITY SATISFACTORY:	☑	YES	☐	NO		
WELL YIELD:	☑	HIGH	☐	MODERATE	☐	LOW

COMMENTS **Monsoon submersible pump, YSI 650 S/N 04J16000 AA; HACH turbidity meter.**

Pump intake set at 76 ft below top of casing

Purge volume determined by multiplying water-column height by 0.16 gal/ft for a 2-inch well

PURGE VOLUME (gallons)	PURGE RATE (gpm)	TEMP (°C)	PH (S.U.)	D.O. (mg/L)	SP. COND. (µS/cm²)	TURBIDITY (NTU)	O.R.P. (± mV)	NOTES
5	0.4	22.51	6.94	7.00	1189	1000	137.0	
10	0.4	22.83	6.89	0.98	1183	264	139.0	
15	0.4	22.82	6.90	1.69	1176	87	145.0	
35	0.4	22.83	6.91	1.47	1179	10	135.7	
36	0.4	22.83	6.90	1.46	1178	10	136.3	
37	0.4	22.85	6.91	1.46	1179	10	135.9	

Sample collected at 10:30 for the following tests

Qty.	Container	Analytical Method
1		TDS - Method 160.1 / Alkalinity - Method 310.1
1		Anions - Method 300.0 / Nitrate/Nitrite - Method 353.1
1		Cations - Method 200.7
1		Ammonia - Method 350.1
3		Kd - distribution coefficient

Observation wells purged in accordance with ASTM D-6452-99

Prepared by: WSL Date: 3-15-08

Checked by: CBS Date: 3/15/08

MACTEC

MACTEC Engineering and Consulting, Inc.
3301 Atlantic Avenue
Raleigh, North Carolina 27604

OBSERVATION WELL SAMPLING WORKSHEET

OBSERVATION WELL ID:	**OW-2169 L**	MACTEC JOB NUMBER:	**6468-07-1777**
PROJECT:	**Exelon COL Project**	SITE: **Victoria, Texas**	DATE: **2/18/2008**
MEASURED WELL DEPTH:	**103.20 FT.**	SCREENED INTERVAL: **90-100 FT.**	WELL DIAMETER: **2 IN.**
HEIGHT OF MEASURING POINT ABOVE LAND SURFACE:	**1.68**	CASING MATERIAL:	**PVC**
SAMPLING DEVICE:	**See below**	TUBING TYPE:	**Dedicated, Disposable Tubing**
MEASURING POINT:	**Top of Casing**	DEPTH TO GROUNDWATER:	**44.83**
SAMPLING PERSONNEL:	**J. Moore**	WATER-COLUMN HEIGHT:	**58.37**

STEEL GUARD PIPE AROUND CASING:	☑	YES	☐	NO		
LOCKING CAP:	☑	YES	☐	NO		
PROTECTIVE POST/ABUTMENT:	☐	YES	☑	NO		
NONPOTABLE LABEL:	☑	YES	☐	NO		
ID PLATE:	☑	YES	☐	NO		
WELL INTEGRITY SATISFACTORY:	☑	YES	☐	NO		
WELL YIELD:	☑	HIGH	☐	MODERATE	☐	LOW

COMMENTS **Monsoon submersible pump, YSI 650 S/N 01H1018 AB; HACH turbidity meter.**
Pump intake set at 91 ft below top of casing
Purge volume determined by multiplying water-column height by 0.16 gal/ft for a 2-inch well

PURGE VOLUME (gallons)	PURGE RATE (gpm)	TEMP (°C)	PH (S.U.)	D.O. (mg/L)	SP. COND. (µS/cm²)	TURBIDITY (NTU)	O.R.P. (± mV)	NOTES
5	0.4	22.86	7.32	3.33	1371	1000	50.2	
20	0.4	22.46	7.30	4.08	1386	109	45.9	
35	0.4	22.68	7.29	5.11	1377	5	47.0	
45	0.4	22.55	7.31	5.16	1373	2	46.3	
48	0.4	22.56	7.30	5.11	1374	2	46.1	
49	0.4	22.54	7.31	5.12	1373	2	46.5	

Sample collected at 10:20 for the following tests

Qty.	Container	Analytical Method
1		TDS - Method 160.1 / Alkalinity - Method 310.1
1		Anions - Method 300.0 / Nitrate/Nitrite - Method 353.1
1		Cations - Method 200.7
1		Ammonia - Method 350.1
3		Kd - distribution coefficient

Observation wells purged in accordance with ASTM D-6452-99

Prepared by: WA Date: 3-15-08

Checked by: CBS Date: 3/15/08

MACTEC

MACTEC Engineering and Consulting, Inc.
3301 Atlantic Avenue
Raleigh, North Carolina 27604

OBSERVATION WELL SAMPLING WORKSHEET

OBSERVATION WELL ID:	**OW-2269 U**	MACTEC JOB NUMBER:	**6468-07-1777**
PROJECT:	**Exelon COL Project**	SITE: **Victoria, Texas**	DATE: **2/18/2008**
MEASURED WELL DEPTH:	**93.35 FT.**	SCREENED INTERVAL: **80-90 FT.**	WELL DIAMETER: **2 IN.**
HEIGHT OF MEASURING POINT ABOVE LAND SURFACE:	**1.68**	CASING MATERIAL:	**PVC**
SAMPLING DEVICE:	**See below**	TUBING TYPE:	**Dedicated, Disposable Tubing**
MEASURING POINT:	**Top of Casing**	DEPTH TO GROUNDWATER:	**46.97**
SAMPLING PERSONNEL:	**J. Moore**	WATER-COLUMN HEIGHT:	**46.38**

STEEL GUARD PIPE AROUND CASING:	☑	YES	☐	NO		
LOCKING CAP:	☑	YES	☐	NO		
PROTECTIVE POST/ABUTMENT:	☐	YES	☑	NO		
NONPOTABLE LABEL:	☑	YES	☐	NO		
ID PLATE:	☑	YES	☐	NO		
WELL INTEGRITY SATISFACTORY:	☑	YES	☐	NO		
WELL YIELD:	☑	HIGH	☐	MODERATE	☐	LOW

COMMENTS **Monsoon submersible pump, YSI 650 S/N 01H1018 AB; HACH turbidity meter.**

Pump intake set at 80 ft below top of casing

Purge volume determined by multiplying water-column height by 0.16 gal/ft for a 2-inch well

PURGE VOLUME (gallons)	PURGE RATE (gpm)	TEMP (°C)	PH (S.U.)	D.O. (mg/L)	SP. COND. (µS/cm²)	TURBIDITY (NTU)	O.R.P. (± mV)	NOTES
40	0.4	22.69	7.10	5.83	1494	23	98.0	
42	0.4	22.74	7.09	5.80	1494	20	105.3	
44	0.2	22.78	7.07	5.76	1490	12	103.8	
46	0.2	22.79	7.06	5.72	1492	6	104.9	

Sample collected at 12:30 for the following tests

Qty. Container	Analytical Method
1	TDS - Method 160.1 / Alkalinity - Method 310.1
1	Anions - Method 300.0 / Nitrate/Nitrite - Method 353.1
1	Cations - Method 200.7
1	Ammonia - Method 350.1
6	Kd - distribution coefficient

Observation wells purged in accordance with ASTM D-6452-99

Prepared by: wsb Date: 3-15-08

Checked by: CBS Date: 3/15/08

MACTEC

MACTEC Engineering and Consulting, Inc.
3301 Atlantic Avenue
Raleigh, North Carolina 27604

OBSERVATION WELL SAMPLING WORKSHEET

OBSERVATION WELL ID:	**OW-2269 L**	MACTEC JOB NUMBER:	**6468-07-1777**
PROJECT:	**Exelon COL Project**	SITE: **Victoria, Texas**	DATE: **2/18/2008**
MEASURED WELL DEPTH: **138.52 FT.**	SCREENED INTERVAL: **130-140 FT.**	WELL DIAMETER:	**2 IN.**
HEIGHT OF MEASURING POINT ABOVE LAND SURFACE:	**1.66**	CASING MATERIAL:	**PVC**
SAMPLING DEVICE:	**See below**	TUBING TYPE:	**Dedicated, Disposable Tubing**
MEASURING POINT:	**Top of Casing**	DEPTH TO GROUNDWATER:	**49.11**
SAMPLING PERSONNEL:	**K. Rudd**	WATER-COLUMN HEIGHT:	**89.41**

STEEL GUARD PIPE AROUND CASING:	☑	YES	☐	NO		
LOCKING CAP:	☑	YES	☐	NO		
PROTECTIVE POST/ABUTMENT:	☐	YES	☑	NO		
NONPOTABLE LABEL:	☑	YES	☐	NO		
ID PLATE:	☑	YES	☐	NO		
WELL INTEGRITY SATISFACTORY:	☑	YES	☐	NO		
WELL YIELD:	☑	HIGH	☐	MODERATE	☐	LOW

COMMENTS **Monsoon submersible pump, YSI 650 S/N 04J16000 AA; HACH turbidity meter.**
Pump intake set at 100 ft below top of casing due to initially high turbidity readings
Purge volume determined by multiplying water-column height by 0.16 gal/ft for a 2-inch well

PURGE VOLUME (gallons)	PURGE RATE (gpm)	TEMP (°C)	PH (S.U.)	D.O. (mg/L)	SP. COND. (µS/cm²)	TURBIDITY (NTU)	O.R.P. (± mV)	NOTES
40	0.4	23.23	6.90	0.52	1334	1000	51.6	
50	0.4	23.23	6.86	0.48	1339	662	54.2	
60	0.4	23.22	6.84	0.98	1341	556	51.0	
70	0.4	23.11	6.84	0.94	1355	111	55.6	
72	0.4	23.08	6.83	0.92	1361	117	53.3	
74	0.4	23.10	6.83	0.95	1358	116	55.1	
								When pump intake initially
								set at 125 ft below TOC,
	Sample collected at 14:00 for the following tests							turbidity high and sand
								contained in purge water
	Qty. Container	Analytical Method						
	1	TDS - Method 160.1 / Alkalinity - Method 310.1						
	1	Anions - Method 300.0 / Nitrate/Nitrite - Method 353.1						
	1	Cations - Method 200.7						
	1	Ammonia - Method 350.1						
	3	Kd - distribution coefficient						

Observation wells purged in accordance with ASTM D-6452-99

Prepared by: WSK Date: 3-15-08

Checked by: CBS Date: 3/15/08

Laboratory Test Reports

MACTEC

DOCUMENTATION OF TECHNICAL REVIEW
SUBCONTRACTOR WORK PRODUCT

Project Name: Exelon COL Project

Project Number: 6468-07-1777

Project Manager: Scott Auger

Project Principal: Kathryn White

The report described below has been prepared by the named subcontractor retained in accordance with the MACTEC QAPD. The work and report have been reviewed by a MACTEC technically qualified person. Comments on the work or report, if any, have been satisfactorily addressed by the subcontractor. The attached report is approved in accordance with section QS-7 of MACTEC's QAPD.

The information and data contained in the attached report are hereby released by MACTEC for project use. Based on the presence of ammonia in the method blank associated with samples OW-2169U, OW-2169L, OW-2269U, and OW-2269L, MACTEC recommends using these data as non-detect values at the Reporting Limit of 50 µg/L.

REPORT : **Analytical Report Lot #: F8B210166**

SUBCONTRACTOR: **TestAmerica, Earth City, MO**

DATE OF ACCEPTANCE : 3/17/2008

TECHNICAL REVIEWER: William S. Grimes

PROJECT PRINCIPAL: Kathryn A. White

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 6468071777

EXcelon Victoria TEXAS COL

Lot #: F8B210166

Kathryn White

MACTEC Engineering & Consultin
3301 Atlantic Ave
Raleigh, NC 27604

TESTAMERICA LABORATORIES, INC.

Ivan Vania
Project Manager

March 10, 2008

13715 Rider Trail North Earth City, MO 63045 tel 314.298.8566 fax 314.298.8757 www.testamericainc.com

Case Narrative
LOT NUMBER: F8B210166

This report contains the analytical results for the six samples received under chain of custody by TestAmerica St. Louis on February 19, 2008. These samples are associated with your EXcelon Victoria TEXAS COL project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted on the following page.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by TestAmerica St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Due to limitations of the data reporting system method 6020 is reported for metals analysis; however, 6020C was used to perform the analysis.

Observations/Nonconformances

Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

ICP-MS (SW846-6020)
Batches 8052202, 8039204, and 8045132:
The MS (MSD) recoveries for batches 8052202 - silicon, 8039204- iron, and 8045132- barium, chromium and lead are outside the established QC limits. The analyte concentrations in the original sample are greater than four times the amount spiked, making percent recovery information ineffective. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F8B210166 (1): OW-2169U
F8B210166 (2): OW-2169L
F8B210166 (3): OW-2269U
F8B210166 (4): OW-2269L
F8B210166 (5): OW-2301U
F8B210166 (6): OW-2301L

Batches 8052202 and 8045132:
The MS (MSD) recoveries for batches 8052202 (calcium) and 8045132 (silver) are outside the established QC limits. The RPD is within method acceptance criteria indicating possible matrix interference. Method performance is demonstrated by acceptable LCS recovery.
Affected Samples:
F8B210166 (1): OW-2169U
F8B210166 (2): OW-2169L
F8B210166 (3): OW-2269U
F8B210166 (4): OW-2269L
F8B210166 (5): OW-2301U
F8B210166 (6): OW-2301L

Batches 8052202 and 8045132:
The samples were analyzed at a dilution due to high concentrations of target analytes. The reporting limits were adjusted for the dilution since no analysis at a lesser dilution was performed.
Affected Samples:
F8B210166 (1): OW-2169U
F8B210166 (2): OW-2169L
F8B210166 (3): OW-2269U
F8B210166 (4): OW-2269L
F8B210166 (5): OW-2301U
F8B210166 (6): OW-2301L

Anions (MCAWW 300.0A)
The anion matrix spike solution contains all routine anions. Spiking technique, sample preparation and method compliance is demonstrated by the remaining acceptable MS recoveries. Poor matrix spike recovery for Nitrite in batch 8052287 is attributed to matrix interference.
Affected Samples:
F8B210166 (1): OW-2169U
F8B210166 (2): OW-2169L
F8B210166 (3): OW-2269U
F8B210166 (4): OW-2269L
F8B210166 (5): OW-2301U
F8B210166 (6): OW-2301L

Alkalinity (MCAWW 310.1)
Batch 8058071 for total alkalinity the matrix spike failed due to a 5x dilution.
Affected Samples:
F8B210166 (4): OW-2269L

There were no other nonconformances or observations noted with any analysis on this lot.

METHODS SUMMARY

F8B210166

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Alkalinity	MCAWW 310.1	MCAWW 310.1
Bicarbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Bromide	MCAWW 300.0A	MCAWW 300.0A
Carbonate Alkalinity	MCAWW 310.1	MCAWW 310.1
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Ion Balance (%Difference)	SM18 1030F & AP	SM18 1030F & AP
ICP-MS (6020)	SW846 6020	
Nitrate as N	MCAWW 300.0A	MCAWW 300.0A
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Nitrogen, Ammonia	MCAWW 350.1	MCAWW 350.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F8B210166

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KHE9E	001	OW-2169U	02/18/08	10:30
KHE9L	002	OW-2169L	02/18/08	10:20
KHE9N	003	OW-2269U	02/18/08	12:30
KHE9P	004	OW-2269L	02/18/08	14:00
KHE9R	005	OW-2301U	02/18/08	15:30
KHE9T	006	OW-2301L	02/18/08	15:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2169U

TOTAL Metals

Lot-Sample #...: F8B210166-001 Matrix.....: WATER
Date Sampled...: 02/18/08 10:30 Date Received..: 02/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8052202						
Calcium	53200 N	2000	ug/L	SW846 6020	02/21-02/25/08	KHE9E1AN
		Dilution Factor: 20		Analysis Time..: 16:43		
Iron	ND	500	ug/L	SW846 6020	02/21-02/23/08	KHE9E1AP
		Dilution Factor: 10		Analysis Time..: 21:50		
Potassium	2620	1000	ug/L	SW846 6020	02/21-02/23/08	KHE9E1AQ
		Dilution Factor: 10		Analysis Time..: 21:50		
Magnesium	14000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9E1AR
		Dilution Factor: 10		Analysis Time..: 21:50		
Manganese	ND	20	ug/L	SW846 6020	02/21-02/23/08	KHE9E1AT
		Dilution Factor: 10		Analysis Time..: 21:50		
Sodium	194000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9E1AU
		Dilution Factor: 10		Analysis Time..: 21:50		
Silicon	20700 N*	5000	ug/L	SW846 6020	02/21-02/25/08	KHE9E1AV
		Dilution Factor: 20		Analysis Time..: 16:43		
Prep Batch #...: 8067296						
Silica	44300	250	ug/L	SW846 6020	03/07/08	KHE9E1A7
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2169U

General Chemistry

Lot-Sample #...: F8B210166-001 Work Order #...: KHE9E Matrix.....: WATER
Date Sampled...: 02/18/08 10:30 Date Received..: 02/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	397	5.0	mg/L	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 1		Analysis Time..: 00:00		
Bromide	0.26	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1		Analysis Time..: 01:16		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 1		Analysis Time..: 00:00		
Chloride	77.0	10.0	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 50		Analysis Time..: 03:04		
Fluoride	1.1	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1		Analysis Time..: 01:16		
Ion Balance Difference	2.3	0.10	%	SM18 1030F & API	02/27/08	8058113
		Dilution Factor: 1		Analysis Time..: 00:00		
Nitrate	0.53	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1		Analysis Time..: 01:16		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1		Analysis Time..: 01:16		
Nitrogen, as Ammonia	22.7 B,J	50.0	ug/L	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1		Analysis Time..: 00:00		
Sulfate	74.6	5.0	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10		Analysis Time..: 02:50		
Total Alkalinity	397	5.0	mg/L	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1		Analysis Time..: 00:00		
Total Dissolved Solids	642	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2169L

TOTAL Metals

Lot-Sample #...: F8B210166-002 Matrix.....: WATER
Date Sampled...: 02/18/08 10:20 Date Received..: 02/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8052202						
Calcium	65500 N	2000	ug/L	SW846 6020	02/21-02/25/08	KHE9L1AN
		Dilution Factor: 20		Analysis Time..: 16:47		
Iron	ND	500	ug/L	SW846 6020	02/21-02/23/08	KHE9L1AP
		Dilution Factor: 10		Analysis Time..: 21:54		
Potassium	2680	1000	ug/L	SW846 6020	02/21-02/23/08	KHE9L1AQ
		Dilution Factor: 10		Analysis Time..: 21:54		
Magnesium	16000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9L1AR
		Dilution Factor: 10		Analysis Time..: 21:54		
Manganese	9.8 B	20	ug/L	SW846 6020	02/21-02/23/08	KHE9L1AT
		Dilution Factor: 10		Analysis Time..: 21:54		
Sodium	218000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9L1AU
		Dilution Factor: 10		Analysis Time..: 21:54		
Silicon	21100 N*	5000	ug/L	SW846 6020	02/21-02/25/08	KHE9L1AV
		Dilution Factor: 20		Analysis Time..: 16:47		
Prep Batch #...: 8067296						
Silica	45200	250	ug/L	SW846 6020	03/07/08	KHE9L1A2
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2169L

General Chemistry

Lot-Sample #...: F8B210166-002 Work Order #...: KHE9L Matrix.....: WATER
Date Sampled...: 02/18/08 10:20 Date Received..: 02/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	398	10.0	mg/L	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 2		Analysis Time..: 00:00		
Bromide	0.36	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1		Analysis Time..: 01:03		
Carbonate Alkalinity	ND	10.0	mg/L	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 2		Analysis Time..: 00:00		
Chloride	119	10.0	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 50		Analysis Time..: 02:37		
Fluoride	1.1	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1		Analysis Time..: 01:03		
Ion Balance Difference	0.78	0.10	%	SM18 1030F & API	02/27/08	8058113
		Dilution Factor: 1		Analysis Time..: 00:00		
Nitrate	0.47	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1		Analysis Time..: 01:03		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1		Analysis Time..: 01:03		
Nitrogen, as Ammonia	22.7 B,J	50.0	ug/L	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1		Analysis Time..: 00:00		
Sulfate	122	5.0	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10		Analysis Time..: 02:24		
Total Alkalinity	398	10.0	mg/L	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 2		Analysis Time..: 00:00		
Total Dissolved Solids	780	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2269U

TOTAL Metals

Lot-Sample #...: F8B210166-003 Matrix.....: WATER
Date Sampled...: 02/18/08 12:30 Date Received..: 02/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8052202						
Calcium	116000 N	1000	ug/L	SW846 6020	02/21-02/26/08	KHE9N1AN
		Dilution Factor: 10		Analysis Time..: 13:30		
Iron	ND	500	ug/L	SW846 6020	02/21-02/23/08	KHE9N1AP
		Dilution Factor: 10		Analysis Time..: 21:57		
Potassium	4050	1000	ug/L	SW846 6020	02/21-02/23/08	KHE9N1AQ
		Dilution Factor: 10		Analysis Time..: 21:57		
Magnesium	17800	500	ug/L	SW846 6020	02/21-02/23/08	KHE9N1AR
		Dilution Factor: 10		Analysis Time..: 21:57		
Manganese	ND	20	ug/L	SW846 6020	02/21-02/23/08	KHE9N1AT
		Dilution Factor: 10		Analysis Time..: 21:57		
Sodium	181000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9N1AU
		Dilution Factor: 10		Analysis Time..: 21:57		
Silicon	16800 N*	2500	ug/L	SW846 6020	02/21-02/23/08	KHE9N1AV
		Dilution Factor: 10		Analysis Time..: 21:57		
Prep Batch #...: 8067296						
Silica	36000	250	ug/L	SW846 6020	03/07/08	KHE9N1A2
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2269U

General Chemistry

Lot-Sample #...: F8B210166-003 Work Order #...: KHE9N Matrix.....: WATER
Date Sampled...: 02/18/08 12:30 Date Received..: 02/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	339	5.0	mg/L	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 1		Analysis Time..: 00:00		
Bromide	0.72	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1		Analysis Time..: 01:43		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 1		Analysis Time..: 00:00		
Chloride	224	20.0	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 100		Analysis Time..: 04:24		
Fluoride	0.45	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1		Analysis Time..: 01:43		
Ion Balance Difference	0.080 B	0.10	%	SM18 1030F & API	02/27/08	8058113
		Dilution Factor: 1		Analysis Time..: 00:00		
Nitrate	0.59	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1		Analysis Time..: 01:43		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1		Analysis Time..: 01:43		
Nitrogen, as Ammonia	22.7 B,J	50.0	ug/L	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1		Analysis Time..: 00:00		
Sulfate	105	5.0	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10		Analysis Time..: 04:11		
Total Alkalinity	339	5.0	mg/L	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1		Analysis Time..: 00:00		
Total Dissolved Solids	801	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2269L

TOTAL Metals

Lot-Sample #...: F8B210166-004 Matrix.....: WATER
Date Sampled...: 02/18/08 14:00 Date Received..: 02/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8052202						
Calcium	209000 N	1000	ug/L	SW846 6020	02/21-02/26/08	KHE9P1AN
		Dilution Factor: 10		Analysis Time..: 13:33		
Iron	873	500	ug/L	SW846 6020	02/21-02/23/08	KHE9P1AP
		Dilution Factor: 10		Analysis Time..: 22:01		
Potassium	16100	1000	ug/L	SW846 6020	02/21-02/23/08	KHE9P1AQ
		Dilution Factor: 10		Analysis Time..: 22:01		
Magnesium	2740	500	ug/L	SW846 6020	02/21-02/23/08	KHE9P1AR
		Dilution Factor: 10		Analysis Time..: 22:01		
Manganese	14.3 B	20	ug/L	SW846 6020	02/21-02/23/08	KHE9P1AT
		Dilution Factor: 10		Analysis Time..: 22:01		
Sodium	160000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9P1AU
		Dilution Factor: 10		Analysis Time..: 22:01		
Silicon	8320 N*	2500	ug/L	SW846 6020	02/21-02/23/08	KHE9P1AV
		Dilution Factor: 10		Analysis Time..: 22:01		
Prep Batch #...: 8067296						
Silica	17800	250	ug/L	SW846 6020	03/07/08	KHE9P1A6
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2269L

General Chemistry

Lot-Sample #...: F8B210166-004 Work Order #...: KHE9P Matrix.....: WATER
Date Sampled...: 02/18/08 14:00 Date Received..: 02/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	ND	25.0	mg/L	MCAWW 310.1	02/27/08	8058069
		Dilution Factor: 5		Analysis Time..: 00:00		
Bromide	0.57	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1		Analysis Time..: 01:30		
Carbonate Alkalinity	324	25.0	mg/L	MCAWW 310.1	02/27/08	8058071
		Dilution Factor: 5		Analysis Time..: 00:00		
Chloride	214	20.0	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 100		Analysis Time..: 03:57		
Fluoride	0.38	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1		Analysis Time..: 01:30		
Ion Balance Difference	0.28	0.10	%	SM18 1030F & API	02/27/08	8058113
		Dilution Factor: 1		Analysis Time..: 00:00		
Nitrate	0.097	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1		Analysis Time..: 01:30		
Nitrite	0.19	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1		Analysis Time..: 01:30		
Nitrogen, as Ammonia	72.8	50.0	ug/L	MCAWW 350.1	02/22/08	8053422
		Dilution Factor: 1		Analysis Time..: 00:00		
Sulfate	23.9	5.0	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10		Analysis Time..: 03:44		
Total Alkalinity	592	25.0	mg/L	MCAWW 310.1	02/27/08	8058072
		Dilution Factor: 5		Analysis Time..: 00:00		
Total Dissolved Solids	872	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1		Analysis Time..: 00:00		

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2301U

TOTAL Metals

Lot-Sample #...: F8B210166-005 Matrix.....: WATER
Date Sampled...: 02/18/08 15:30 Date Received..: 02/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8052202						
Calcium	77400 N	2000	ug/L	SW846 6020	02/21-02/25/08	KHE9R1AN
		Dilution Factor: 20		Analysis Time..: 16:57		
Iron	ND	500	ug/L	SW846 6020	02/21-02/23/08	KHE9R1AP
		Dilution Factor: 10		Analysis Time..: 22:04		
Potassium	3860	1000	ug/L	SW846 6020	02/21-02/23/08	KHE9R1AQ
		Dilution Factor: 10		Analysis Time..: 22:04		
Magnesium	8660	500	ug/L	SW846 6020	02/21-02/23/08	KHE9R1AR
		Dilution Factor: 10		Analysis Time..: 22:04		
Manganese	ND	20	ug/L	SW846 6020	02/21-02/23/08	KHE9R1AT
		Dilution Factor: 10		Analysis Time..: 22:04		
Sodium	130000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9R1AU
		Dilution Factor: 10		Analysis Time..: 22:04		
Silicon	27300 N*	5000	ug/L	SW846 6020	02/21-02/25/08	KHE9R1AV
		Dilution Factor: 20		Analysis Time..: 16:57		
Prep Batch #...: 8067296						
Silica	58400	250	ug/L	SW846 6020	03/07/08	KHE9R1CF
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2301U

General Chemistry

Lot-Sample #...: F8B210166-005 Work Order #...: KHE9R Matrix.....: WATER
Date Sampled...: 02/18/08 15:30 Date Received..: 02/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	333	5.0	mg/L	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 1		Analysis Time..: 00:00		
Bromide	0.24 B	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1		Analysis Time..: 02:10		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 1		Analysis Time..: 00:00		
Chloride	73.5	10.0	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 50		Analysis Time..: 06:39		
Fluoride	0.66	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1		Analysis Time..: 02:10		
Ion Balance Difference	0.60	0.10	%	SM18 1030F & API	02/27/08	8058113
		Dilution Factor: 1		Analysis Time..: 00:00		
Nitrate	0.68	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1		Analysis Time..: 02:10		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1		Analysis Time..: 02:10		
Nitrogen, as Ammonia	22.7 B,J	50.0	ug/L	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1		Analysis Time..: 00:00		
Sulfate	35.4	5.0	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10		Analysis Time..: 05:31		
Total Alkalinity	333	5.0	mg/L	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1		Analysis Time..: 00:00		
Total Dissolved Solids	520	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2301L

TOTAL Metals

Lot-Sample #...: F8B210166-006 Matrix.....: WATER
Date Sampled...: 02/18/08 15:40 Date Received..: 02/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8052202						
Calcium	114000 N	1000	ug/L	SW846 6020	02/21-02/26/08	KHE9T1AN
		Dilution Factor: 10		Analysis Time..: 13:37		
Iron	ND	500	ug/L	SW846 6020	02/21-02/23/08	KHE9T1AP
		Dilution Factor: 10		Analysis Time..: 22:08		
Potassium	5130	1000	ug/L	SW846 6020	02/21-02/23/08	KHE9T1AQ
		Dilution Factor: 10		Analysis Time..: 22:08		
Magnesium	14600	500	ug/L	SW846 6020	02/21-02/23/08	KHE9T1AR
		Dilution Factor: 10		Analysis Time..: 22:08		
Manganese	112	20	ug/L	SW846 6020	02/21-02/23/08	KHE9T1AT
		Dilution Factor: 10		Analysis Time..: 22:08		
Sodium	122000	500	ug/L	SW846 6020	02/21-02/23/08	KHE9T1AU
		Dilution Factor: 10		Analysis Time..: 22:08		
Silicon	16800 N*	2500	ug/L	SW846 6020	02/21-02/23/08	KHE9T1AV
		Dilution Factor: 10		Analysis Time..: 22:08		
Prep Batch #...: 8067296						
Silica	36000	250	ug/L	SW846 6020	03/07/08	KHE9T1A2
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

N Spiked analyte recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: OW-2301L

General Chemistry

Lot-Sample #...: F8B210166-006 Work Order #...: KHE9T Matrix.....: WATER
Date Sampled...: 02/18/08 15:40 Date Received..: 02/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	300	5.0	mg/L	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 1		Analysis Time..: 00:00		
Bromide	0.42	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1		Analysis Time..: 01:57		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 1		Analysis Time..: 00:00		
Chloride	155	20.0	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 100		Analysis Time..: 04:51		
Fluoride	0.26	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1		Analysis Time..: 01:57		
Ion Balance Difference	2.3	0.10	%	SM18 1030F & API	02/27/08	8058113
		Dilution Factor: 1		Analysis Time..: 00:00		
Nitrate	0.36	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1		Analysis Time..: 01:57		
Nitrite	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1		Analysis Time..: 01:57		
Nitrogen, as Ammonia	22.7 B,J	50.0	ug/L	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1		Analysis Time..: 00:00		
Sulfate	62.5	5.0	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10		Analysis Time..: 04:38		
Total Alkalinity	300	5.0	mg/L	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1		Analysis Time..: 00:00		
Total Dissolved Solids	669	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: F8B210166 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F8B210000-202 Prep Batch #...: 8052202						
Calcium	ND	100	ug/L	SW846 6020	02/21-02/25/08	KHFJT1AA
		Dilution Factor: 1				
		Analysis Time..: 15:26				
Iron	ND	50	ug/L	SW846 6020	02/21-02/23/08	KHFJT1AC
		Dilution Factor: 1				
		Analysis Time..: 20:32				
Magnesium	ND	50	ug/L	SW846 6020	02/21-02/23/08	KHFJT1AE
		Dilution Factor: 1				
		Analysis Time..: 20:32				
Manganese	ND	2	ug/L	SW846 6020	02/21-02/23/08	KHFJT1AF
		Dilution Factor: 1				
		Analysis Time..: 20:32				
Potassium	ND	100	ug/L	SW846 6020	02/21-02/23/08	KHFJT1AD
		Dilution Factor: 1				
		Analysis Time..: 20:32				
Silicon	ND	250	ug/L	SW846 6020	02/21-02/23/08	KHFJT1AH
		Dilution Factor: 1				
		Analysis Time..: 20:32				
Sodium	ND	50	ug/L	SW846 6020	02/21-02/23/08	KHFJT1AG
		Dilution Factor: 1				
		Analysis Time..: 20:32				
MB Lot-Sample #: F8C070000-296 Prep Batch #...: 8067296						
Silica	ND	250	ug/L	SW846 6020	03/07/08	KH71W1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: F8B210166 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		Work Order #: KHHMN1AA		MB Lot-Sample #:	F8B220000-134	
	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Bicarbonate Alkalinity		Work Order #: KHNGK1AA		MB Lot-Sample #:	F8B270000-069	
	ND	5.0	mg/L	MCAWW 310.1	02/27/08	8058069
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Bromide		Work Order #: KHH461AA		MB Lot-Sample #:	F8B210000-282	
	ND	0.25	mg/L	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1				
		Analysis Time..: 12:43				
Carbonate Alkalinity		Work Order #: KHHM21AA		MB Lot-Sample #:	F8B220000-135	
	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Carbonate Alkalinity		Work Order #: KHNGN1AA		MB Lot-Sample #:	F8B270000-071	
	ND	5.0	mg/L	MCAWW 310.1	02/27/08	8058071
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Chloride		Work Order #: KHH481AA		MB Lot-Sample #:	F8B210000-283	
	ND	0.20	mg/L	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 1				
		Analysis Time..: 12:43				
Fluoride		Work Order #: KHH5D1AA		MB Lot-Sample #:	F8B210000-284	
	ND	0.10	mg/L	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1				
		Analysis Time..: 12:43				
Nitrate		Work Order #: KHH5Q1AA		MB Lot-Sample #:	F8B210000-286	
	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1				
		Analysis Time..: 12:43				
Nitrite		Work Order #: KHH5T1AA		MB Lot-Sample #:	F8B210000-287	
	ND	0.020	mg/L	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1				
		Analysis Time..: 12:43				

(Continued on next page)

METHOD BLANK REPORT

General Chemistry

Client Lot #...: F8B210166 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia		Work Order #: KHJ1N1AA		MB Lot-Sample #:	F8B220000-421	
	22.7 B	50.0	ug/L	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Nitrogen, as Ammonia		Work Order #: KHJ1P1AA		MB Lot-Sample #:	F8B220000-422	
	ND	50.0	ug/L	MCAWW 350.1	02/22/08	8053422
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Sulfate		Work Order #: KHH5J1AA		MB Lot-Sample #:	F8B210000-285	
	ND	0.50	mg/L	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 1				
		Analysis Time..: 12:43				
Total Alkalinity		Work Order #: KHHM81AA		MB Lot-Sample #:	F8B220000-136	
	ND	5.0	mg/L	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Total Alkalinity		Work Order #: KHNGQ1AA		MB Lot-Sample #:	F8B270000-072	
	ND	5.0	mg/L	MCAWW 310.1	02/27/08	8058072
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Total Dissolved Solids		Work Order #: KHM9Q1AA		MB Lot-Sample #:	F8B250000-085	
	ND	5.0	mg/L	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1				
		Analysis Time..: 00:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F8B210166 Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F8B210000-202 **Prep Batch #...:** 8052202					
Calcium	101	(85 - 115)	SW846 6020	02/21-02/25/08	KHFJT1AJ
		Dilution Factor: 1	Analysis Time..: 15:30		
Iron	101	(85 - 115)	SW846 6020	02/21-02/23/08	KHFJT1AK
		Dilution Factor: 1	Analysis Time..: 20:36		
Potassium	103	(85 - 115)	SW846 6020	02/21-02/23/08	KHFJT1AL
		Dilution Factor: 1	Analysis Time..: 20:36		
Magnesium	100	(85 - 115)	SW846 6020	02/21-02/23/08	KHFJT1AM
		Dilution Factor: 1	Analysis Time..: 20:36		
Manganese	107	(85 - 115)	SW846 6020	02/21-02/23/08	KHFJT1AN
		Dilution Factor: 1	Analysis Time..: 20:36		
Sodium	99	(85 - 115)	SW846 6020	02/21-02/23/08	KHFJT1AP
		Dilution Factor: 1	Analysis Time..: 20:36		
Silicon	103	(85 - 115)	SW846 6020	02/21-02/23/08	KHFJT1AQ
		Dilution Factor: 1	Analysis Time..: 20:36		
LCS Lot-Sample#: F8C070000-296 **Prep Batch #...:** 8067296					
Silica	103 N	(0.0- 0.0)	SW846 6020	03/07/08	KH71W1AC
		Dilution Factor: 1	Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: F8B210166 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		WO#:KHHMN1AC-LCS/KHHMN1AD-LCSD LCS Lot-Sample#: F8B220000-134					
	100	(90 - 110)			MCAWW 310.1	02/22/08	8053134
	100	(90 - 110)	0.49	(0-15)	MCAWW 310.1	02/22/08	8053134
		Dilution Factor: 1			Analysis Time..: 00:00		
Carbonate Alkalinity		WO#:KHHM21AC-LCS/KHHM21AD-LCSD LCS Lot-Sample#: F8B220000-135					
	100	(90 - 110)			MCAWW 310.1	02/22/08	8053135
	100	(90 - 110)	0.49	(0-15)	MCAWW 310.1	02/22/08	8053135
		Dilution Factor: 1			Analysis Time..: 00:00		
Nitrogen, as Ammonia		WO#:KHJ1N1AC-LCS/KHJ1N1AD-LCSD LCS Lot-Sample#: F8B220000-421					
	100	(90 - 110)			MCAWW 350.1	02/22/08	8053421
	99	(90 - 110)	0.22	(0-20)	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1			Analysis Time..: 00:00		
Nitrogen, as Ammonia		WO#:KHJ1P1AC-LCS/KHJ1P1AD-LCSD LCS Lot-Sample#: F8B220000-422					
	103	(90 - 110)			MCAWW 350.1	02/22/08	8053422
	101	(90 - 110)	1.5	(0-20)	MCAWW 350.1	02/22/08	8053422
		Dilution Factor: 1			Analysis Time..: 00:00		
Total Alkalinity		WO#:KHHM81AC-LCS/KHHM81AD-LCSD LCS Lot-Sample#: F8B220000-136					
	100	(90 - 110)			MCAWW 310.1	02/22/08	8053136
	100	(90 - 110)	0.49	(0-15)	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1			Analysis Time..: 00:00		
Total Dissolved Solids		WO#:KHM9Q1AC-LCS/KHM9Q1AD-LCSD LCS Lot-Sample#: F8B250000-085					
	98	(86 - 115)			MCAWW 160.1	02/25-02/26/08	8056085
	99	(86 - 115)	1.6	(0-15)	MCAWW 160.1	02/25-02/26/08	8056085
		Dilution Factor: 1			Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		Work Order #: KHNGK1AC	LCS Lot-Sample#: F8B270000-069		
	100	(90 - 110)	MCAWW 310.1	02/27/08	8058069
		Dilution Factor: 1	Analysis Time..: 00:00		
Bromide		Work Order #: KHH461AC	LCS Lot-Sample#: F8B210000-282		
	101	(90 - 110)	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1	Analysis Time..: 12:29		
Carbonate Alkalinity		Work Order #: KHNGN1AC	LCS Lot-Sample#: F8B270000-071		
	100	(90 - 110)	MCAWW 310.1	02/27/08	8058071
		Dilution Factor: 1	Analysis Time..: 00:00		
Chloride		Work Order #: KHH481AC	LCS Lot-Sample#: F8B210000-283		
	96	(90 - 110)	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 1	Analysis Time..: 12:29		
Fluoride		Work Order #: KHH5D1AC	LCS Lot-Sample#: F8B210000-284		
	96	(90 - 110)	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1	Analysis Time..: 12:29		
Nitrate		Work Order #: KHH5Q1AC	LCS Lot-Sample#: F8B210000-286		
	103	(90 - 110)	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1	Analysis Time..: 12:29		
Nitrite		Work Order #: KHH5T1AC	LCS Lot-Sample#: F8B210000-287		
	101	(90 - 110)	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1	Analysis Time..: 12:29		
Sulfate		Work Order #: KHH5J1AC	LCS Lot-Sample#: F8B210000-285		
	98	(90 - 110)	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 1	Analysis Time..: 12:29		
Total Alkalinity		Work Order #: KHNGQ1AC	LCS Lot-Sample#: F8B270000-072		
	100	(90 - 110)	MCAWW 310.1	02/27/08	8058072
		Dilution Factor: 1	Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F8B210166 **Matrix.....:** WATER
Date Sampled...: 02/19/08 10:00 **Date Received..:** 02/20/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F8B210151-001 **Prep Batch #...:** 8052202							
Calcium	69 N	(75 - 125)			SW846 6020	02/21-02/25/08	KHE551CH
	114	(75 - 125)	11	(0-20)	SW846 6020	02/21-02/25/08	KHE551CJ
		Dilution Factor: 10					
		Analysis Time..: 15:40					
Iron	112	(75 - 125)			SW846 6020	02/21-02/23/08	KHE551CK
	121	(75 - 125)	6.6	(0-20)	SW846 6020	02/21-02/23/08	KHE551CL
		Dilution Factor: 10					
		Analysis Time..: 20:46					
Magnesium	99	(75 - 125)			SW846 6020	02/21-02/23/08	KHE551CP
	104	(75 - 125)	2.5	(0-20)	SW846 6020	02/21-02/23/08	KHE551CQ
		Dilution Factor: 10					
		Analysis Time..: 20:46					
Manganese	110	(75 - 125)			SW846 6020	02/21-02/23/08	KHE551CR
	111	(75 - 125)	0.93	(0-20)	SW846 6020	02/21-02/23/08	KHE551CT
		Dilution Factor: 10					
		Analysis Time..: 20:46					
Potassium	101	(75 - 125)			SW846 6020	02/21-02/23/08	KHE551CM
	105	(75 - 125)	2.9	(0-20)	SW846 6020	02/21-02/23/08	KHE551CN
		Dilution Factor: 10					
		Analysis Time..: 20:46					
Silicon	0 N	(75 - 125)			SW846 6020	02/21-02/23/08	KHE551CW
	212 N,*	(75 - 125)	0.0	(0-20)	SW846 6020	02/21-02/23/08	KHE551CX
		Dilution Factor: 10					
		Analysis Time..: 20:46					
Sodium	76	(75 - 125)			SW846 6020	02/21-02/23/08	KHE551CU
	107	(75 - 125)	4.9	(0-20)	SW846 6020	02/21-02/23/08	KHE551CV
		Dilution Factor: 10					
		Analysis Time..: 20:46					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 **Matrix.....:** WATER
Date Sampled...: 02/18/08 10:30 **Date Received..:** 02/19/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #...: KHE9R1A2		MS Lot-Sample #: F8B210166-005	
	98	(90 - 110)	MCAWW 300.0A	02/19/08	8052282
		Dilution Factor: 1	Analysis Time..: 02:10		
Chloride		Work Order #...: KHE9R1A4		MS Lot-Sample #: F8B210166-005	
	101	(90 - 110)	MCAWW 300.0A	02/19/08	8052283
		Dilution Factor: 50	Analysis Time..: 06:39		
Fluoride		Work Order #...: KHE9R1A6		MS Lot-Sample #: F8B210166-005	
	100	(90 - 110)	MCAWW 300.0A	02/19/08	8052284
		Dilution Factor: 1	Analysis Time..: 02:10		
Nitrate		Work Order #...: KHE9R1CA		MS Lot-Sample #: F8B210166-005	
	108	(90 - 110)	MCAWW 300.0A	02/19/08	8052286
		Dilution Factor: 1	Analysis Time..: 02:10		
Nitrite		Work Order #...: KHE9R1CD		MS Lot-Sample #: F8B210166-005	
	146 N	(90 - 110)	MCAWW 300.0A	02/19/08	8052287
		Dilution Factor: 1	Analysis Time..: 02:10		
Nitrogen, as Ammonia		Work Order #...: KHE551C0		MS Lot-Sample #: F8B210151-001	
	97	(90 - 110)	MCAWW 350.1	02/22/08	8053421
		Dilution Factor: 1	Analysis Time..: 00:00		
Nitrogen, as Ammonia		Work Order #...: KHH7C1A1		MS Lot-Sample #: F8B220240-003	
	104	(90 - 110)	MCAWW 350.1	02/22-02/25/08	8053422
		Dilution Factor: 1	Analysis Time..: 00:00		
Sulfate		Work Order #...: KHE9R1A8		MS Lot-Sample #: F8B210166-005	
	99	(90 - 110)	MCAWW 300.0A	02/19/08	8052285
		Dilution Factor: 10	Analysis Time..: 05:31		
Total Alkalinity		Work Order #...: KHE9E1A4		MS Lot-Sample #: F8B210166-001	
	93	(80 - 120)	MCAWW 310.1	02/22/08	8053136
		Dilution Factor: 1	Analysis Time..: 00:00		
Total Alkalinity		Work Order #...: KHE9P1A4		MS Lot-Sample #: F8B210166-004	
	59 N	(80 - 120)	MCAWW 310.1	02/27/08	8058072
		Dilution Factor: 5	Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 **Work Order #...:** KHE9R-SMP KHE9R-DUP **Matrix.....:** WATER

Date Sampled...: 02/18/08 15:30 **Date Received..:** 02/19/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide						SD Lot-Sample #:	F8B210166-005	
	0.24 B	0.25	mg/L	5.1	(0-20)	MCAWW 300.0A	02/19/08	8052282
			Dilution Factor: 1			Analysis Time..: 02:10		
Chloride						SD Lot-Sample #:	F8B210166-005	
	73.5	70.0	mg/L	4.9	(0-20)	MCAWW 300.0A	02/19/08	8052283
			Dilution Factor: 50			Analysis Time..: 06:39		
Fluoride						SD Lot-Sample #:	F8B210166-005	
	0.66	0.66	mg/L	0.49	(0-20)	MCAWW 300.0A	02/19/08	8052284
			Dilution Factor: 1			Analysis Time..: 02:10		
Sulfate						SD Lot-Sample #:	F8B210166-005	
	35.4	35.0	mg/L	0.95	(0-20)	MCAWW 300.0A	02/19/08	8052285
			Dilution Factor: 10			Analysis Time..: 05:31		
Nitrate						SD Lot-Sample #:	F8B210166-005	
	0.68	0.70	mg/L	3.8	(0-20)	MCAWW 300.0A	02/19/08	8052286
			Dilution Factor: 1			Analysis Time..: 02:10		
Nitrite						SD Lot-Sample #:	F8B210166-005	
	ND	ND	mg/L	0	(0-20)	MCAWW 300.0A	02/19/08	8052287
			Dilution Factor: 1			Analysis Time..: 02:10		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 **Work Order #...:** KHE9E-SMP KHE9E-DUP **Matrix.....:** WATER

Date Sampled...: 02/18/08 10:30 **Date Received..:** 02/19/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	F8B210166-001	
	397	396	mg/L	0.25	(0-15)	MCAWW 310.1	02/22/08	8053134
			Dilution Factor: 1			Analysis Time..: 00:00		
Carbonate Alkalinity						SD Lot-Sample #:	F8B210166-001	
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	02/22/08	8053135
			Dilution Factor: 1			Analysis Time..: 00:00		
Total Alkalinity						SD Lot-Sample #:	F8B210166-001	
	397	396	mg/L	0.25	(0-20)	MCAWW 310.1	02/22/08	8053136
			Dilution Factor: 1			Analysis Time..: 00:00		
Total Dissolved Solids						SD Lot-Sample #:	F8B210166-001	
	642	679	mg/L	5.6	(0-0.0)	MCAWW 160.1	02/25-02/26/08	8056085
			Dilution Factor: 1			Analysis Time..: 00:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 Work Order #...: KHE55-SMP KHE55-DUP Matrix.....: WATER

Date Sampled...: 02/19/08 10:00 Date Received..: 02/20/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F8B210151-001	
	22.7 B,J	22.7 B	ug/L	0.0	(0-20)	MCAWW 350.1	02/22/08	8053421

Dilution Factor: 1 Analysis Time..: 00:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 Work Order #...: KHH7C-SMP KHH7C-DUP Matrix.....: WATER

Date Sampled...: 02/21/08 12:15 Date Received..: 02/22/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Nitrogen, as Ammonia						SD Lot-Sample #:	F8B220240-003	
	ND	7.9 B	ug/L	200	(0-20)	MCAWW 350.1	02/22/08	8053422

Dilution Factor: 1 Analysis Time..: 00:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 **Work Order #...:** KHFEE-SMP KHFEE-DUP **Matrix.....:** WATER

Date Sampled...: 02/20/08 14:00 **Date Received..:** 02/21/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	F8B210162-006	
	1090	1150	mg/L	5.3	(0-0.0)	MCAWW 160.1	02/25-02/26/08	8056085
			Dilution Factor: 1			Analysis Time..: 00:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F8B210166 **Work Order #...:** KHE9P-SMP KHE9P-DUP **Matrix.....:** WATER

Date Sampled...: 02/18/08 14:00 **Date Received..:** 02/19/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	F8B210166-004	
	ND	ND	mg/L	0	(0-15)	MCAWW 310.1	02/27/08	8058069
			Dilution Factor: 5			Analysis Time..: 00:00		
Carbonate Alkalinity						SD Lot-Sample #:	F8B210166-004	
	324	330	mg/L	1.8	(0-20)	MCAWW 310.1	02/27/08	8058071
			Dilution Factor: 5			Analysis Time..: 00:00		
Total Alkalinity						SD Lot-Sample #:	F8B210166-004	
	592	605	mg/L	2.2	(0-20)	MCAWW 310.1	02/27/08	8058072
			Dilution Factor: 5			Analysis Time..: 00:00		

F8B210166 CLIENT ANALYSIS SUMMARY

Storage Loc: 1-225,METS

Project Manager: IV | Quote #: 78576 | SDG:

Project: 6468071777 | EXcelon Victoria TEXAS COL

PO#: 200803591 | Report to: Kathry WHite

Client: 373886 MACTEC Engineering and Consulting Inc

RUSH

#SMPS in LOT: 6

Date Received: 2008-02-19
Analytical Due Date: 2008-02-26
Report Due Date: 2008-02-26
Report Type: W
EDD Code: 00

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
1	OW-2169U			2008-02-18 / 1030	KHE9E	WATER

SAMPLE COMMENTS:

	FE	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	KX	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	MG	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	MN	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	NA	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	SA	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	0X	CALCULATION ONLY	9Q	ORG FLAGS FOR INORG; STANDARD	PROT: A	WRK LOC	06
	SI	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	CA	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	ZV		RAD SCREEN	RAD SCREEN	RA	IN-HOUSE RAD SCREEN	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	AK	MCAW W	160.1	Solids, Filterable "TDS" (160.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	C8	MCAW W	300.0A	Fluoride (300.0A, Ion Chromatography)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	C9	MCAW W	300.0A	Nitrate as N (300.0A, Ion Chromatography)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	CB	MCAW W	310.1	Alkalinity, Carbonate (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	CX	MCAW W	300.0A	Chloride (300.0A, Ion Chromatography)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	CY	MCAW W	300.0A	Sulfate (300.0A, Ion Chromatography)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	GM	MCAW W	300.0A	Bromide (300.0A, Ion Chromatography)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	GO	MCAW W	300.0A	Nitrite as N (300.0A, Ion Chromatography)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	SL	SM18	1030F & API	Ion Balance (% Difference)	0X	CALCULATION ONLY	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	UX	MCAW W	310.1	Alkalinity, Bicarbonate (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	VC	MCAW W	310.1	Alkalinity, Total (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	XX	VM	MCAW W	350.1	Nitrogen, Ammonia (350.1, Automated)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
S	XX	VC	MCAW W	310.1	Alkalinity, Total (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
X	XX	AK	MCAW W	160.1	Solids, Filterable "TDS" (160.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
X	XX	CB	MCAW W	310.1	Alkalinity, Carbonate (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
X	XX	UX	MCAW W	310.1	Alkalinity, Bicarbonate (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06
X	XX	VC	MCAW W	310.1	Alkalinity, Total (310.1)	88	NO SAMPLE PREPARATION PERFORMED / DIRECT	01	STANDARD TEST SET	PROT: A	WRK LOC	06

SAMPLE #	CLIENT SAMPLE ID	Site ID	Client Matrix	DATE/TIME SAMPLED	WORKORDER	I
2	OW-2169L			2008-02-18 / 1020	KHE9L	WATER

SAMPLE COMMENTS:

	FE	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	SI	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	SA	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	0X	CALCULATION ONLY	9Q	ORG FLAGS FOR INORG; STANDARD	PROT: A	WRK LOC	06
	NA	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06
	MN	MH	SW846	6020	Inductively Coupled Plasma Mass Spectrometry(6020)	GJ	METALS, TOTAL - 2% HCL	01	STANDARD TEST SET	PROT: A	WRK LOC	06