

**SEPTEMBER 2009 ANNUAL
GROUNDWATER SAMPLING EVENT
Owen Farm Borrow Pit
Solid Waste Demonstration Project
Plymouth, North Carolina
S&ME Project No. 1040-01-537**

94

Prepared for:

Geo-Specialty Chemicals
P.O. Box 68
Plymouth, NC 27962



Prepared by:

S&ME, Inc.
3201 Spring Forest Road
Raleigh, North Carolina 27616

October 6, 2009



October 6, 2009

Mr. Donald Herndon
Solid Waste Section
NCDENR- DWM
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

Reference: September 2009 Annual Groundwater Sampling Event
Owen Farm Borrow Pit - Solid Waste Demonstration Project
Plymouth, North Carolina
S&ME Project No. 1040-01-537

Dear Mr. Herndon:

S&ME, Inc. (S&ME), on behalf of Geo-Specialty Chemicals (GSC), is pleased to provide you with the September 2009 sampling report as required under the conditions of the Solid Waste Demonstration Project which GSC is performing with the North Carolina Department of Environment and Natural Resources - Division of Waste Management (NCDENR-DWM). This report presents analytical results of groundwater samples collected from selected monitor wells located at the Owen Farm Borrow Pit in Plymouth, North Carolina (**Figure 1**).

PROJECT BACKGROUND

In September 1994, GSC (as CYTEC Industries, Inc.) received approval from the DWM to use processed silica to assist in the restoration of selected tracts of farm land to productive use. Specifically, approximately 48,000 cubic yards of processed silica were used, over a period of two years, to fill a soil borrow pit to a compatible elevation with adjacent fields. Operational conditions of the Solid Waste Demonstration Project included groundwater monitoring at the site.

Since 1994, GSC has conducted groundwater monitoring at the site and submitted the sampling results to the DWM on a semi-annual basis. After reviewing the recent and historical data from the groundwater monitoring, S&ME concluded in its reports for the September 2007 and March 2008 sampling events that "... GSC has demonstrated that restoration of land resources has been performed without an adverse release of constituents to the environment that may pose a threat to public health and safety." Accordingly, S&ME requested, on behalf of GSC, that DWM consider termination of the Solid Waste Demonstration Project and semi-annual groundwater monitoring at the site.

In a letter dated April 17, 2008, Mr. Brian Wootton of the DWM responded, in part, that based on the historical detections of aluminum and sulfate in the groundwater samples and periodic detections of sulfate in excess of the 250 mg/l North Carolina groundwater standard, the Solid Waste Section will allow the groundwater sampling schedule to be reduced from semi-annual to annual (in September). At the end of three (3) years of this annual sampling, GSC may request a reevaluation of the sampling schedule. This report contains the results of the **second** of the **three** annual September groundwater sampling events and also provides a summary of historical sampling events at the site.

GROUNDWATER MEASUREMENT AND SAMPLING ACTIVITIES

On September 1, 2009, S&ME personnel visited the referenced site to collect groundwater samples from the four selected monitor wells (MW-1, MW-2, MW-3, and MW-4). Depth to groundwater was measured in each well prior to sampling. Water level measurements were compared to the surveyed measuring points on the wells and converted to relative groundwater elevations. These elevations were used to construct the attached groundwater potentiometric map (see **Figure 2**). These results show that groundwater flow continues to flow toward the west, in accordance with previous data. Water levels were consistently higher than recent sampling events, likely reflecting higher precipitation amounts.

Using bailers, the monitor wells were purged of three well volumes of water prior to collecting samples for analysis. While purging the wells, specific conductivity, pH, and temperature were measured in the groundwater collected from each well. These field data are summarized in **Table 1**. Groundwater samples designated for laboratory analysis were then collected by dedicated bailers and placed in laboratory-supplied containers, stored on ice, and transported under standard Chain-of-Custody protocol to SGS Environmental Services (SGS) located in Wilmington, North Carolina.

The samples were analyzed for total aluminum and sulfate using EPA Method 6010B and EPA Method 300.0, respectively. Table 2 summarizes the laboratory analytical results for the September 2009 groundwater sampling event. Sulfate concentrations in the samples collected ranged from 36.8 mg/L in MW-2 to 97.7 mg/L in MW-3. Total aluminum concentrations in the samples ranged from <1.59 mg/L in well MW-1 to 4.15 mg/L in well MW-3. A copy of the laboratory analytical results is included as an attachment in Appendix I.

Table 3 summarizes the historical analytical data from previous and current sampling events for comparison. In comparing the September 2009 sampling event data with the results of the previous sampling event of September 2008, the following trends can be seen:

- Aluminum concentrations in groundwater increased in all four monitor wells.
- Sulfate concentrations in groundwater decreased in all four monitor wells.

Figures 3 and 4 are also presented for evaluation of historical trends in the laboratory analytical results for aluminum and sulfate concentrations, respectively. As shown on **Figure 3**, aluminum concentrations appear variable in all four wells from October 1994 through March 1998. After that date, aluminum levels remained consistently low, with most results being at or below 5 mg/L through March 2001. The aluminum results have shown some fluctuation in recent years but with peaks at or below 20 mg/L.

As shown on **Figure 4**, the sulfate results have been somewhat more variable, with levels being initially above 75 mg/L or less for several years. After mid-1999, sulfate levels in samples from wells MW-1 and MW-2 remain approximately below 75 mg/L while the levels in MW-3 and MW-4 become more elevated and variable. Sulfate levels in these two wells in March 2006 exceeded the sulfate 2L Groundwater Standard. Since that event, sulfate levels have continued to fluctuate but have consistently remained below the 2L Sulfate Groundwater Standard of 250 mg/L.

Figure 5 provides a historical record of the pH of groundwater from all four monitor wells. Groundwater pH measured during the September 2008 sampling event decreased slightly in monitor wells MW-1, MW-2 and MW-3 relative to measurements recorded during the March 2008 event. Groundwater pH in monitor well MW-4 increased slightly. Overall, since 1995 there has been little variability in pH levels recorded at the site, with a slightly greater variability in pH in monitor wells MW-2 and MW-3.

REQUEST FOR TERMINATION OF DEMONSTRATION PROJECT

Based on the results of groundwater monitoring and plant growth and development of organic matter and soil structure studies conducted at the site, it is our opinion that GSC has demonstrated that restoration of land resources has been performed without an adverse release of constituents to the environment that may pose a threat to public health and safety. As discussed in the background section of this report, GSC has requested termination of groundwater monitoring for this demonstration project. This sampling event has successfully demonstrated that sulfate levels have remained below 2L Groundwater Standards for this sampling event. GSC intends to sample these wells again in September 2010 in accordance with DWM's letter of April 17, 2008. If there is no groundwater quality exceedances measured in the September 2010 sampling event, GSC will request termination of the groundwater monitoring associated with this demonstration project.

CLOSING

S&ME hopes this information is helpful to you. If you have any questions or require additional information, please contact our office at (919) 872-2660.

Sincerely,
S&ME, INC.


Bob Bryant
Environmental Technician


Samuel P. Watts, P.G.
Senior Project Manager

Attachments

cc: Ms. Charita Redding (GSC)
Mr. Herb Myers (GSC)
Mr. Brian Wootton

TABLES

TABLE 1
FIELD MEASUREMENT DATA
 September 1, 2009
OWEN BORROW PIT
PLYMOUTH, NORTH CAROLINA
S&ME PROJECT NO. 1040-01-537

Monitor Well I.D.	TOC Elevation (feet)	Depth to Water From TOC (feet)	Depth to Bottom of Well (feet)	Groundwater Elevation (feet)	Temp (°C)	pH	Specific Conductivity (µS/cm)
MW-1	39.41	6.61	20.05	32.80	21.5	4.20	0.22
MW-2	35.62	21.6	30.05	14.02	16.5	4.28	0.12
MW-3	24.61	12.42	19.20	12.19	18.0	3.07	0.17
MW-4	32.31	18.27	26.43	14.04	16.6	2.92	0.20

°C - degrees Celsius

µS/cm – microSiemens per centimeter

pH – standard units

TABLE 2
LABORATORY ANALYTICAL RESULTS
 September 1, 2009
OWEN BORROW PIT
PLYMOUTH, NORTH CAROLINA
S&ME PROJECT NO. 1040-01-537

Analyte	MW-1 (mg/L)	MW-2 (mg/L)	MW-3 (mg/L)	MW-4 (mg/L)	Quantitation Limits (mg/L)
Aluminum (Total)	1.59	3.60	4.15	2.77	0.100
Sulfate	56.6	36.8	97.7	76.0	3.00 - 30.0

mg/L - milligrams per Liter

TABLE 3
HISTORICAL SUMMARY OF GROUNDWATER QUALITY DATA
OWEN FARM BORROW PIT
PLYMOUTH, NORTH CAROLINA
S&ME PROJECT NO. 1040-01-537

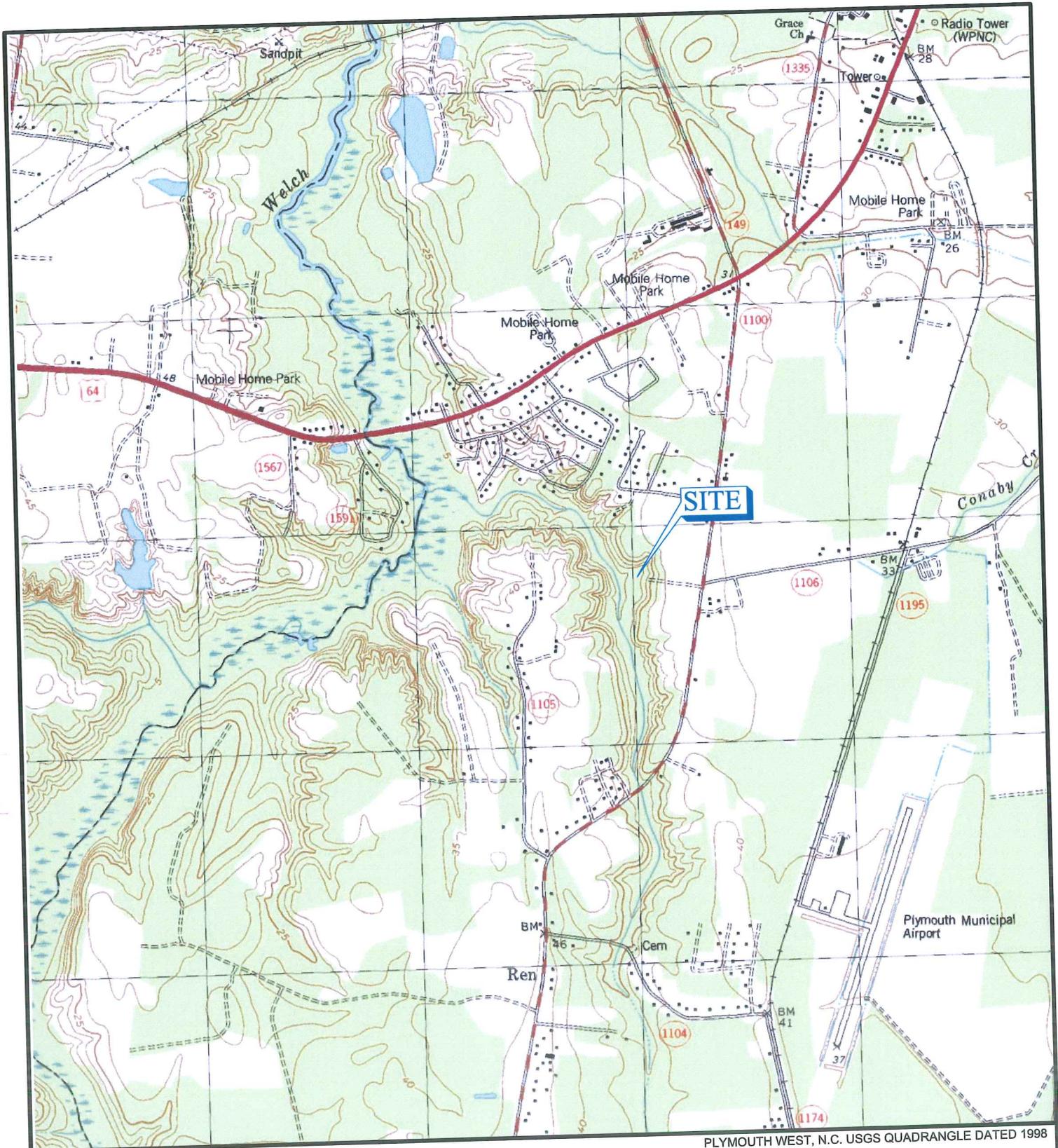
Monitor Well ID	Analyte	Oct-94	Mar-95	Jun-95	Sep-95	Dec-95	Apr-96	Nov-96	Mar-97	Sep-97	Mar-98	Sep-98	Apr-99	Oct-99	Mar-00	Sep-00	Apr-01	Nov-01	Jan-02	Mar-02	Sep-02	Mar-03	Sep-03	Mar-04	Sep-04	Mar-05	Oct-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Sep-09
MW-1	Aluminum	62	3.8	1.7	2	2	3.17	6.88	0.260	2.34	1.53	1.80	1.37	1.48	1.46	1.36	1.47	7.74	3.24	2.16	2.03	3.92	1.61	2.25	1.18	1.23	1.3	1.28	1.43	7.16	9.45	1.48	1.4	1.59
	Sulfate	76	77	88	56	81	63.3	56.2	46.8	45.9	53	49.7	47.7	46.7	55.4	41	59	NA	75	59	53	69	52	59.2	52.6	51.7	62	112	52.0	47	47.2	56.4	70	56.6
	pH	3.9	4.4	4.4	4.1	4.0	4.5	4.4	4.8	4.2	3.9	4.4	4.4	4.7	4.0	4.3	3.8	4.5	5.6	4.2	5.3	5.6	6.4	4.8	5.8	4.8	4.4	4.9	4.8	4.2	4.43	3.9	3.8	3.72
MW-2	Aluminum	18	4.6	2	11	15	4.14	4.85	0.113	4.35	0.450	0.352	0.270	0.794	0.329	0.399	0.399	0.247	0.147	0.402	0.595	6.28	4.07	1.51	2.39	<0.20	1.50	2.41	3.56	2.53	2.32	0.74	<0.10	3.6
	Sulfate	23	32	31	25	24	28.8	23.0	17.3	24.7	33	28.9	30.9	34.8	27.9	26.8	27	NA	44	29	39.5	43	25	30.7	29.3	24.4	36.6	29.1	38	33	44.5	35.6	49	36.8
	pH	4.7	4.6	4.6	4.9	5.0	4.9	4.8	5.9	4.7	5.3	4.7	5.0	5.7	4.8	4.2	4.9	5.5	4.6	5.1	6.0	6.0	5.2	6.4	5.6	4.3	8.9	5.3	4.6	5.04	4.6	5.2	4.31	4.28
MW-3	Aluminum	6.3	4.4	1.9	24	24	3.78	7.82	0.106	5.67	0.482	0.935	0.508	0.634	1.21	0.648	1.29	2.82	1.95	1.62	1.85	7.37	2.46	11.5	5.27	3.38	4.78	2.5	9.06	3.74	7.4	8.2	1.55	4.15
	Sulfate	25	26	21	21	27	26.7	23.4	34.3	48.8	36	61.5	63.3	25.4	137.5	35	170	NA	150	110	145	25	12	235	134	242	63.5	332	83	200	105	75.7	185	97.7
	pH	4.3	5.5	5.5	4.2	5.0	5.1	4.6	5.3	4.5	4.7	4.6	4.7	4.6	4.3	4.1	5.1	5.5	4.6	3.3	5.0	6.7	4.6	7.0	4.4	3.9	7.5	4.6	4.2	4.47	4.0	4	3.68	3.07
MW-4	Aluminum	24	9.2	3.3	17	60	6.33	2.93	BQL	14.7	0.746	1.19	0.501	0.889	1.46	0.607	0.583	3.31	1.03	2.25	2.19	8.17	4	3.56	1.38	2.6	2.33	2.79	3.36	3.69	18.2	1.73	1.56	2.77
	Sulfate	64	63	95	68	73	55.5	60.4	16.6	49.1	50	61.2	53.7	50.5	241	49	130	NA	80	63	79	69	59	244	161	97.8	183	430	95.0	234	113	81.6	84	76
	pH	4.4	4.3	4.3	4.4	5.0	4.5	4.4	4.7	4.6	4.7	4.6	4.5	4.3	4.2	3.9	4.7	5.1	5.4	4.6	5.4	6.2	4.4	5.8	4.5	4.2	6.0	4.6	4.2	4.30	4.1	3.8	3.94	2.92

Aluminum and Sulfate concentration values are reported in mg/L units.

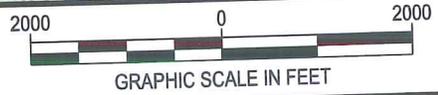
pH values are reported in standard units.

NA = Not Analyzed

FIGURES



PLYMOUTH WEST, N.C. USGS QUADRANGLE DATED 1998

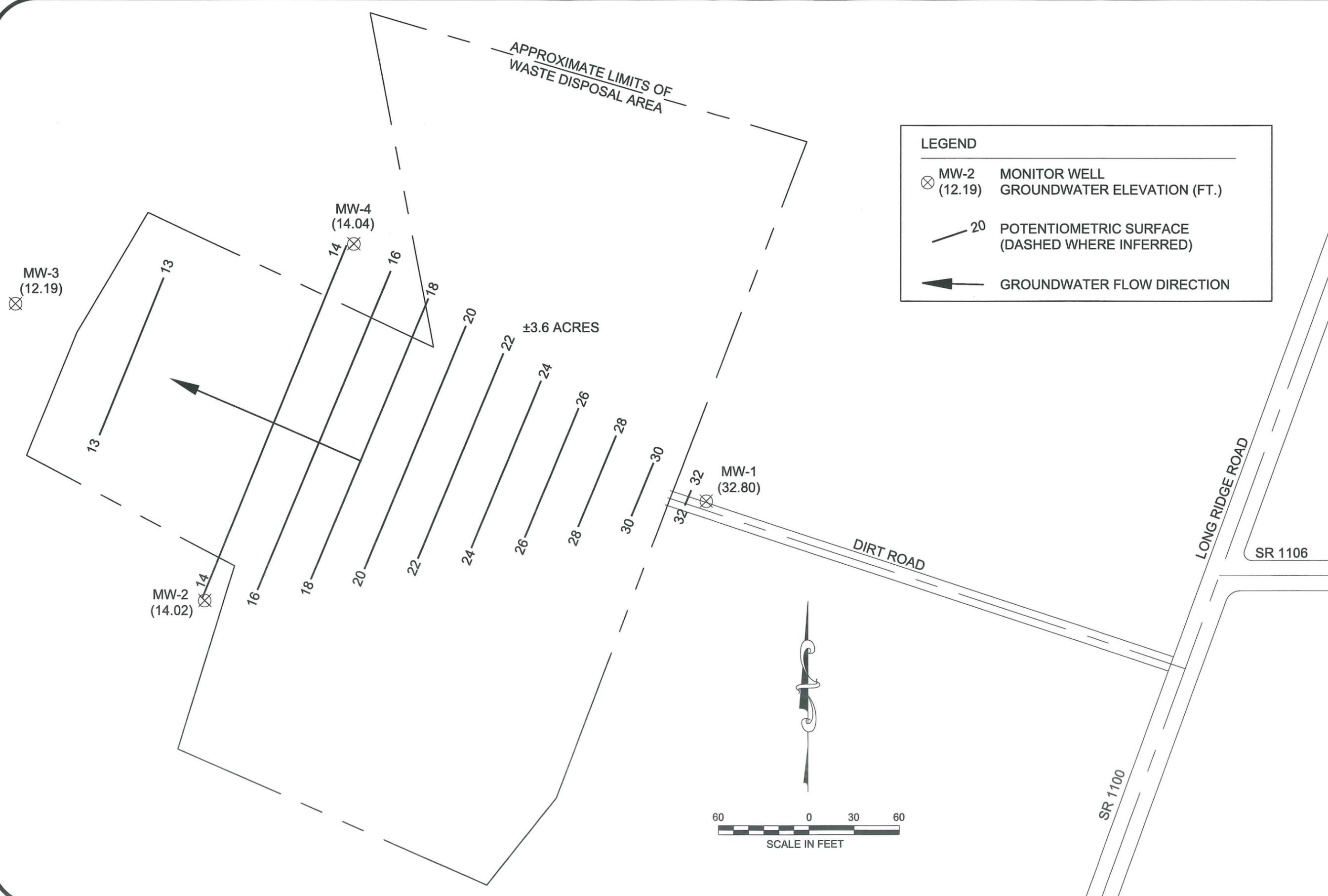


VICINITY MAP
OWEN FARM BORROW PIT
GEO-SPECIALTY CHEMICAL
PLYMOUTH, NORTH CAROLINA



Job No. 1040-01-537
Scale: 1" = 2000'
Fig No. 1

S: CTSP/ Enviro/ obs01/ en Far w Plt- / alty C /CADIT /vg, B11 /2009 f /... /M, 1:1

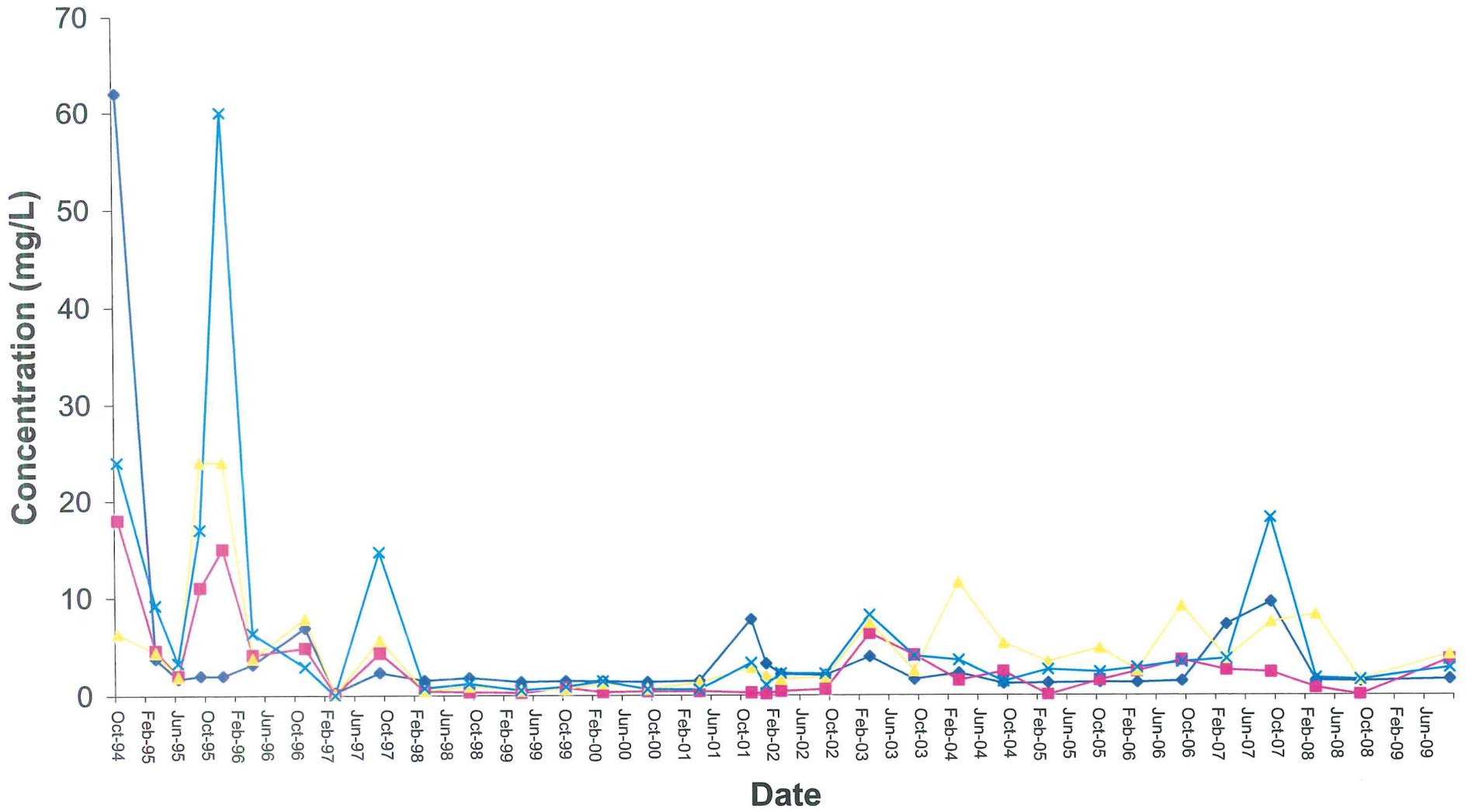


LEGEND

- ⊗ MW-2 (12.19) MONITOR WELL
GROUNDWATER ELEVATION (FT.)
- 20 POTENTIOMETRIC SURFACE
(DASHED WHERE INFERRED)
- ← GROUNDWATER FLOW DIRECTION

DATE: OCT. 2009	SCALE: 1" = 60'	PROJECT NUMBER: 1040-01-537	DRAWN BY: BTR
	DRAWING NUMBER: B-1199		CHECKED BY: SPW
 WWW.SMEINC.COM			
POTENTIOMETRIC MAP SEPTEMBER 2009 OWEN FARM BORROW PIT		GEO-SPECIALTY CHEMICAL PLYMOUTH, NORTH CAROLINA	
FIGURE NO. <h1 style="font-size: 2em;">2</h1>			

Figure 3
Total Aluminum Concentration in mg/L vs Time



◆ MW-1 ■ MW-2 ▲ MW-3 × MW-4

Owen Farm Borrow Pit
S&ME Project 1040-01-537

Figure 4
Sulfate Concentration in mg/L vs Time

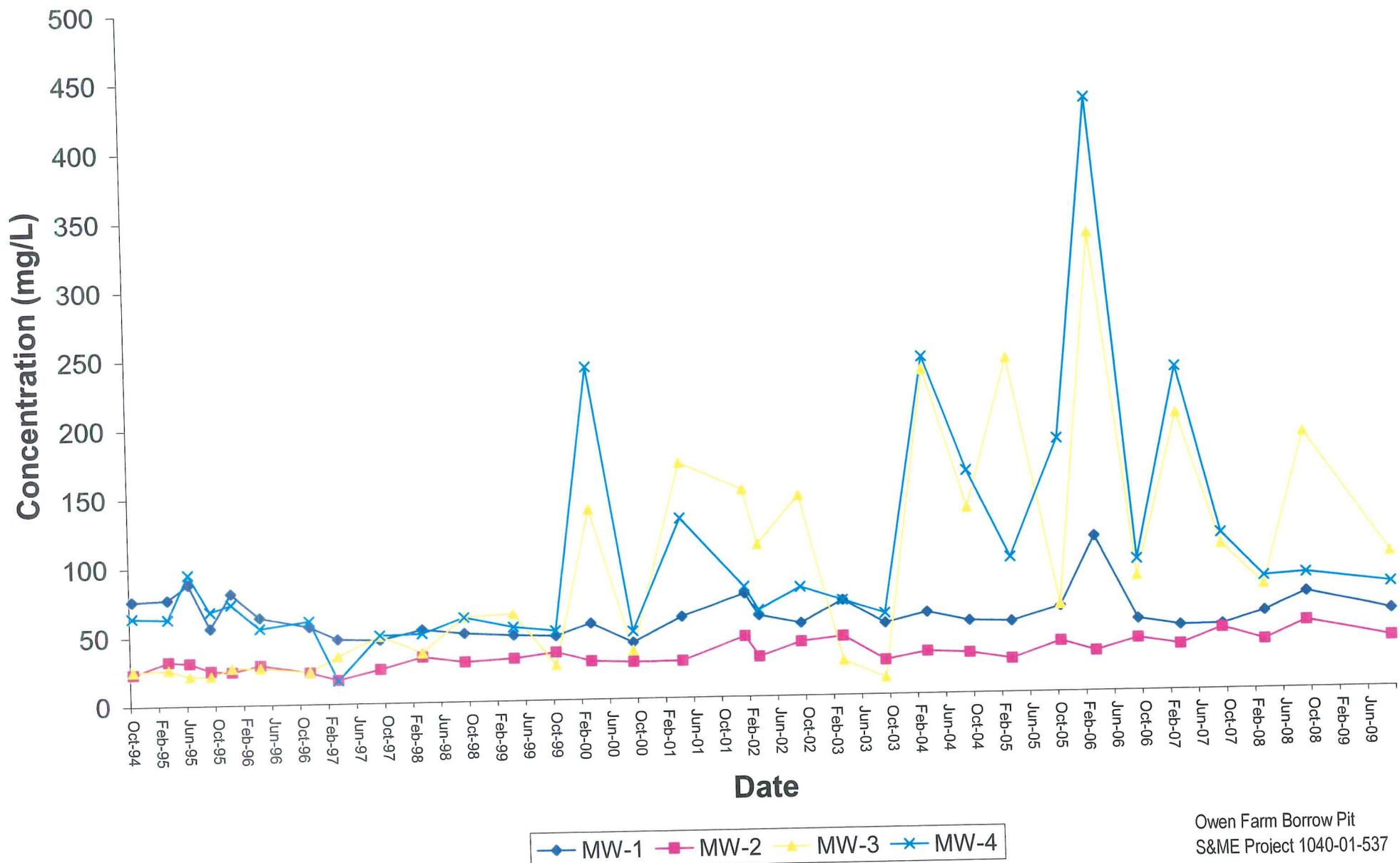
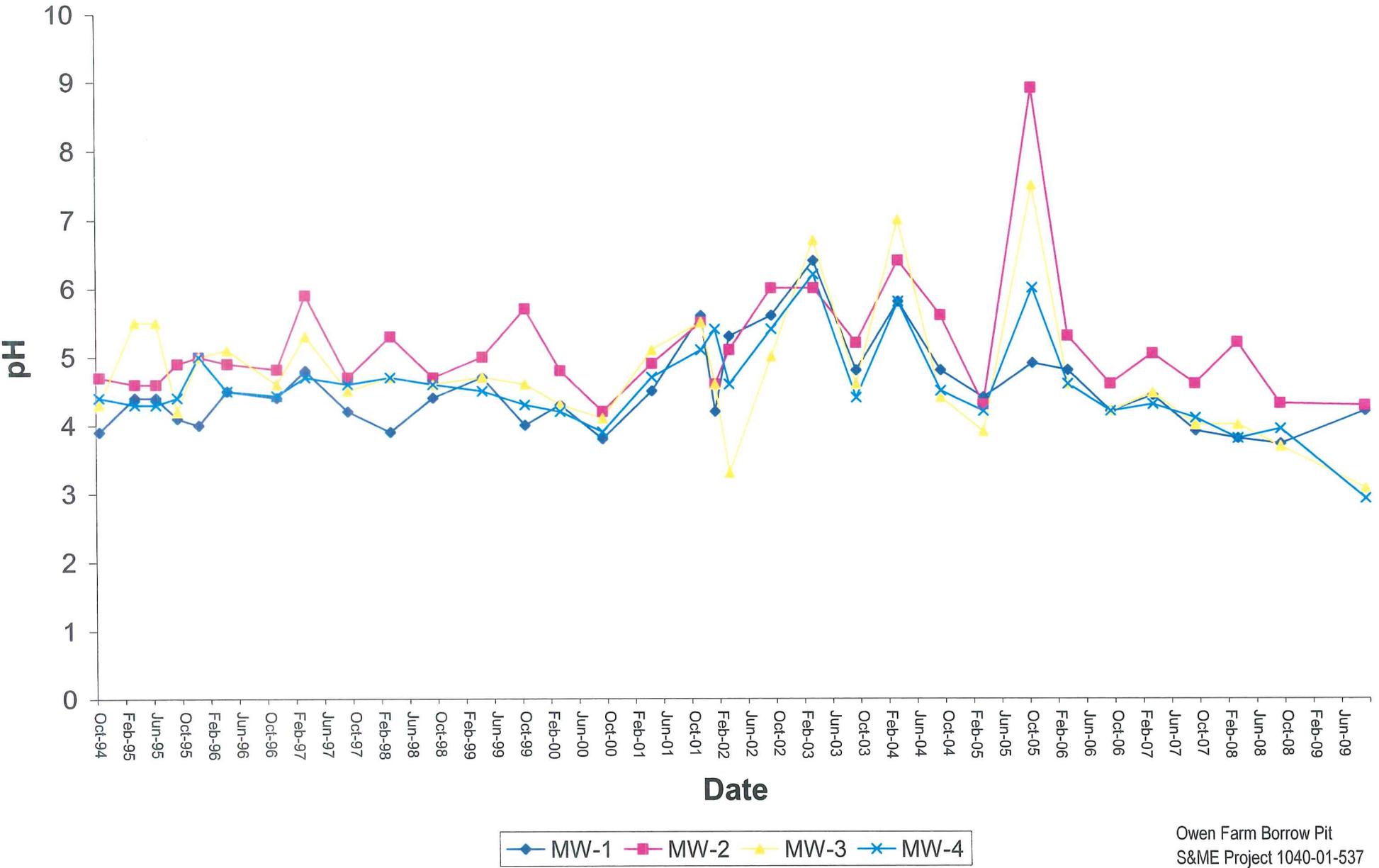


Figure 5
pH vs Time



APPENDIX I



Sam Watts
S&ME
3201 Spring Forest Road
Raleigh, NC 27616

Report Number: G108-1817

Client Project: Owen Farm

Dear Sam Watts,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Linda McWhirter at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Linda Mcwhirter

Digitally signed by Linda McWhirter
DN: CN = Linda McWhirter, C = US, O = SGS North America Inc.,
OU = Project Manager
Reason: I attest to the accuracy and integrity of this document
Date: 2009.09.11 11:22:03 -04'00'

Project Manager
Linda McWhirter

Date

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.



Print Date: 9/10/2009

Client Sample ID: **MW-1**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-1B
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 11:00
Received Date: 02-Sep-09
Matrix: WATER

Results by 300.0

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Sulfate	56.6	3.00	MG/L	10	08-Sep-09 18:39

Batch Information

Analytical Batch: 090809
Analytical Method: 300.0
Instrument: IC1
Analyst: PSW

Prep Batch:
Prep Method: 300.0
Prep Date/Time: 08-Sep-09 18:39
Initial Prep Wt./Vol.:
Prep Extract Vol:



Print Date: 9/10/2009

Client Sample ID: **MW-2**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-2B
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 10:30
Received Date: 02-Sep-09
Matrix: WATER

Results by 300.0

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Sulfate	36.8	3.00	MG/L	10	08-Sep-09 19:15

Batch Information

Analytical Batch: 090809
Analytical Method: 300.0
Instrument: IC1
Analyst: PSW

Prep Batch:
Prep Method: 300.0
Prep Date/Time: 08-Sep-09 19:15
Initial Prep Wt./Vol.:
Prep Extract Vol:



Print Date: 9/10/2009

Client Sample ID: **MW-3**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-3B
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 10:00
Received Date: 02-Sep-09
Matrix: WATER

Results by 300.0

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Sulfate	97.7	3.00	MG/L	10	08-Sep-09 19:28

Batch Information

Analytical Batch: 090809
Analytical Method: 300.0
Instrument: IC1
Analyst: PSW

Prep Batch:
Prep Method: 300.0
Prep Date/Time: 08-Sep-09 19:28
Initial Prep Wt./Vol.:
Prep Extract Vol:



Print Date: 9/10/2009

Client Sample ID: **MW-4**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-4B
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 9:30
Received Date: 02-Sep-09
Matrix: WATER

Results by 300.0

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Sulfate	76.0	3.00	MG/L	10	08-Sep-09 19:40

Batch Information

Analytical Batch: 090809
Analytical Method: 300.0
Instrument: IC1
Analyst: PSW

Prep Batch:
Prep Method: 300.0
Prep Date/Time: 08-Sep-09 19:40
Initial Prep Wt./Vol.:
Prep Extract Vol:



Print Date: 9/10/2009

Client Sample ID: **MW-1**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-1
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 11:00
Received Date: 02-Sep-09
Matrix: WATER

Results by 6010B

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Aluminum	1.59	0.100	MG/L	1	04-Sep-09 0:00

Batch Information

Analytical Batch: 090409c.csv
Analytical Method: 6010B
Instrument: ICP
Analyst: PSW

Prep Batch: 15046
Prep Method: 3010
Prep Date/Time: 03-Sep-09 11:45
Initial Prep Wt./Vol.: 50.00
Prep Extract Vol: 50



Print Date: 9/10/2009

Client Sample ID: **MW-2**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-2
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 10:30
Received Date: 02-Sep-09
Matrix: WATER

Results by 6010B

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Aluminum	3.60	0.100	MG/L	1	04-Sep-09 0:00

Batch Information

Analytical Batch: 090409c.csv
Analytical Method: 6010B
Instrument: ICP
Analyst: PSW

Prep Batch: 15046
Prep Method: 3010
Prep Date/Time: 03-Sep-09 11:45
Initial Prep Wt./Vol.: 50.00
Prep Extract Vol: 50



Print Date: 9/10/2009

Client Sample ID: **MW-3**
Client Project ID: Owen Farm
Lab Sample ID: G108-1817-3
Lab Project ID: G108-1817

Collection Date: 01-Sep-09 10:00
Received Date: 02-Sep-09
Matrix: WATER

Results by 6010B

<u>Parameter</u>	<u>Result</u>	<u>RL/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
Aluminum	4.15	0.100	MG/L	1	04-Sep-09 0:00

Batch Information

Analytical Batch: 090409c.csv
Analytical Method: 6010B
Instrument: ICP
Analyst: PSW

Prep Batch: 15046
Prep Method: 3010
Prep Date/Time: 03-Sep-09 11:45
Initial Prep Wt./Vol.: 50.00
Prep Extract Vol: 50



CHAIN OF CUSTODY RECORD
SGS North America Inc.

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 - New Jersey
 - North Carolina
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 - Ohio

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098019

1 CLIENT: <u>S&ME Inc</u> CONTACT: <u>Sam Watts</u> PHONE NO: <u>(919) 872-2660</u> PROJECT: <u>Owen Farm</u> SITE/PWSID#: _____ REPORTS TO: <u>Sam Watts</u> <u>3201 Spring Forest Rd</u> <u>Raleigh NC 27616</u> NO.: () INVOICE TO: <u>S&ME Inc</u> QUOTE #: _____ <u>3201 Spring Forest Rd</u> P.O. NUMBER: _____					SGS Reference: <u>G108-1817</u>					PAGE <u>1</u> OF <u>1</u>	
					CONTAINERS	Preservatives Used: <u>HNO3</u>					
						Analysis Required: <u>3</u>					
						C= COMP					
						G= GRAB					
						<u>Al Sulfate</u>					
LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No	SAMPLE TYPE	Preservatives Used	Analysis Required	C= COMP	G= GRAB	REMARKS
	<u>MW-1</u>	<u>9/1/09</u>	<u>1100</u>	<u>H2O</u>	<u>2</u>	<u>G</u>	<u>✓</u>	<u>✓</u>			
	<u>MW-2</u>		<u>1030</u>				<u>✓</u>	<u>✓</u>			
	<u>MW-3</u>		<u>1000</u>				<u>✓</u>	<u>✓</u>			
	<u>MW-4</u>	<u>✓</u>	<u>0930</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>			
5 Collected/Relinquished By: (1) <u>Bob Berg</u> Date <u>9/1/09</u> Time <u>1520</u>					4 Shipping Carrier: _____		Samples Received Cold? (Circle) <u>YES</u> NO Shipping Ticket No: _____ Temperature °C: <u>5.2°c</u>				
Relinquished By: (2) _____ Date <u>9/2/09</u> Time <u>1000</u> Received By: <u>[Signature]</u>					Special Deliverable Requirements: _____		Chain of Custody Seal: (Circle) INTACT BROKEN <u>ABSENT</u>				
Relinquished By: (3) _____ Date _____ Time _____ Received By: _____					Special Instructions: _____						
Relinquished By: (4) _____ Date _____ Time _____ Received By: _____					Requested Turnaround Time: <input type="checkbox"/> RUSH _____ <input type="checkbox"/> STD _____ <small>Date Needed</small>						

Page 11 of 11